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April 21, 2015

Mr. Hunt Prompungorn
Project Manager
MSW Permits Section MC-124
Waste Permits Division
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

**Re: Pescadito Environmental Resource Center - Webb County
Municipal Solid Waste (MSW) Permit Application No. 2374
Updates to Parts I and II AND Part III Supplement
CN603835489/RN106119639**

Dear Mr. Prompungorn;

CB&I Environmental and Infrastructure, Inc. (CB&I) is presenting updated information contained in Parts I and II of MSW Permit Application Number 2374. These updates are being provided to more accurately reflect the information recently presented in Parts III and IV of the Application.

Additionally, subsequent to our original submittal in March 2015 of Parts III and IV, it was determined that there needed to be some revisions made to the Surface Water Drainage Report (Attachment III-C) of Part III and are including new sections with this submittal. The table below contains an explanation of the revisions to Parts I and II and the supplemental information being submitted for Part III.

A signature page from the Part 1 form is included as Attachment A.

A copy of the changed pages to Parts I and II, in redline/strikeout format, are included in Attachment B for ease in reviewing the changes.

An original of the changed pages to Parts I and II, as well as two additional copies, are included in Attachment C.

Since the drainage report in Part III has not undergone technical review, no redline version is included. However an original and three copies are included in Attachment D.

A copy of this submittal is being sent to the Laredo Public Library to be available for public viewing and being placed on the web site at www.pescaditoerc.com.

Section revised	
Part I and II	New Master Table of Contents for both Parts
Part I	Revised Cover, Table of Contents and Page 12
Part II	Revised Cover, Table of Contents and Pages 6, 8, 10-15, 35-36, and new Attachment I
Appendix III-C.1 – Drainage Report	Replace the previously provided section with the attached retaining Attachment III-C.1-A
Appendix III-C.2 – Drainage Drawings	Replace the previously provided section with the attached
Appendix III-C.3 – Drainage Analyses	Replace the previously provided section with the attached
Appendix III-C.4 – HydroCAD output files	Replace the previously provided section with the attached
Appendix III-C.5 – Erosion Control Plan	Replace the previously provided section with the attached

We apologize for this inconvenience regarding the changes to Part III but wanted to update the sections prior to Technical Review in hopes of expediting the review process.

We trust the information provided is clear and prevents confusion; however, should you need additional information, please let me know.

Sincerely,
CB&I Environmental and Infrastructure, Inc.
TBPE Firm F-5650



Michael W. Oden, P.E.
Project Manager

Attachments

- A – Applicant’s Statement
- B – Redline/Strikeout version of changes to Parts I and II
- C – Clean Copy of changes to Parts I and II
- D – Replacement Sections for Part III-C

CC: Mr. Carlos Y. Benavides III
Mr. William W. Thompson
Mr. Geoffrey S. Connor
Laredo Public Library

Attachment A to April 21, 2015 Letter

**Applicant's Statement
MSW # 2374**

Signature Page

I, Carlos Y. Benavides, III, Manager
(Site Operator (Permittee/Registrant)'s Authorized Signatory) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: *Carlos Y. Benavides III* Date: _____

~~TO BE COMPLETED BY THE OPERATOR IF THE APPLICATION IS SIGNED BY AN AUTHORIZED REPRESENTATIVE FOR THE OPERATOR~~

~~I, _____, hereby designate _____
(Print or Type Operator Name) (Print or Type Representative Name)~~

~~as my representative and I hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.~~

~~Printed or Typed Name of Operator or Principal Executive Officer~~

~~Signature~~

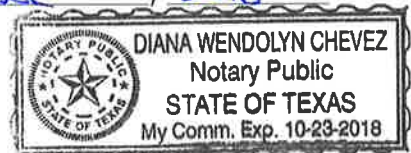
SUBSCRIBED AND SWORN to before me by the said Carlos Y. Benavides III

On this 21st day of April, 2015

My commission expires on the 23rd day of October, 2018

Wesco County, Texas
Notary Public in and for

Diana Wendolyn Chevez County, Texas
(Note: Application Must Bear Signature & Seal of Notary Public)



Attachment B to April 21, 2015 Letter

**Redline/Strikeout of Revised Pages to Parts I and II
MSW # 2374**

PART I

APPLICATION FOR PERMIT TYPE I MUNICIPAL SOLID WASTE FACILITY

MSW PERMIT NO. 2374

PESCADITO ENVIRONMENTAL RESOURCE CENTER SOLID WASTE MANAGEMENT AND DISPOSAL FACILITY

RANCHO VIEJO WASTE MANAGEMENT, LLC
LAREDO, WEBB COUNTY, TEXAS

Originally Prepared By:

TRC Environmental Corporation

TBPE Firm Registration No. 3775

March 28, 2011; Revised May 20, 2011; Revised September 14, 2011; Revised December 14, 2011

Part I was signed by James F. Neyens, P.E. on December 14, 2011 for all changes through that date

Revised on June 12, 2014

April 20, 2015 By:



~~Shaw Environmental, Inc.~~ (a CB&I Environmental and Infrastructure, Inc. company)

TBPE Firm Registration No. F-5650

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Non-hazardous industrial waste from maquiladora industries in Mexico – included with industrial waste, and

Event-type waste from disaster clean-ups – varies from none to occasionally up to 2,000 tpd.

The types of materials that will be received for processing, along with their volume or rate, may include:

Unsorted or mixed recyclables for processing and recovery of commodities – up to 500 tpd, and

Liquid waste, including gGrease trap and grit trap wastes for processing and solidification (ultimately for beneficial reuse) – up to 50,000 gallons per day.

The characteristics of these wastes and materials are provided in the definitions found at 30 TAC §330.3 (1) through (181). No regulated hazardous wastes will be accepted. Special wastes as defined by 30 TAC §330.3 (148) and Class 2 and Class 3 industrial wastes will be accepted, except for any such wastes that cannot be effectively processed, handled or disposed at this facility. Class 1 non-hazardous wastes will also be accepted. Class I Industrial Waste amounts will not exceed 20 percent of the total amount of all ~~other~~ waste accepted for disposal during the current or previous year.

Materials the will be received for deep well injection include liquids from oil and gas exploration and production under the regulatory jurisdiction of the RRC.

Waste for landfill disposal at PERC is anticipated to be between 1,000,000 and 2,000,000 tons per year (tpy) in the first few years after the landfill is permitted and constructed. This is between about 2,750 and 5,500 tons per day (tpd), based on receiving waste seven days per week. The facility expects to receive a higher rate of waste, and will have ample capacity to accept larger quantities. The landfill units haves a total disposal capacity currently estimated to be about ~~175300-225350~~,000,000 tons, and have a capacity to receive and dispose of as much as 10,000 tpd.

The above volumes and rates are estimates, and it should be understood that it is difficult to accurately estimate what the future volumes and rates of waste receipts may be. Almost all incoming waste will be received based on multi-year contracts with various waste generators, which will be a combination of local governmental entities, private waste companies with local hauling contracts but no local landfill, and industries.

1.4.3 Other Information

This permit application has been prepared to demonstrate compliance with the requirements established in 30 TAC 330.57 through 330.65, and related or referenced

PART II
APPLICATION FOR PERMIT
TYPE I MUNICIPAL SOLID WASTE FACILITY
MSW PERMIT NO. 2374

PESCADITO ENVIRONMENTAL
RESOURCE CENTER

SOLID WASTE MANAGEMENT AND
DISPOSAL FACILITY
RANCHO VIEJO WASTE MANAGEMENT, LLC
LAREDO, WEBB COUNTY, TEXAS

Sections 1.1, 1.2, 2.1.4, 10.1—10.4, 11.1 –
Signed by H.C. Clark, P.G., Ph.D. on Feb. 7,
2012

Except for Sections 1.1, 1.2, 2.1.4,
10.1—10.4 and 11.1 – remaining
portions of Part II through February 17,
2012 revisions were signed/sealed by
James F. Neyens, P.E. on February 24,
2012.

Originally
Prepared By:

TRC Environmental Corporation
TBPE Firm Registration No. 3775

March 28, 2011; Revised May 20, 2011; Revised September 14, 2011; Revised December 14, 2011; Revised February 17, 2012

Revised on June 12, 2014 by:



Shaw Environmental, Inc. (a CB&I company)
TBPE Firm Registration No. F-5650

and

H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1

Revised July 25, 2014 and April 20, 2015 by:

CB&I Environmental and Infrastructure, Inc.

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Sections 1.1, 1.2, 2.1.4, 10.1—10.4,
11.1 – Signed by H.C. Clark, P.G.,
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February 24, 2012.

Revised June 12, 2014
H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1
And
CB&I (Shaw Environmental, Inc.) for other revised pages

Revised July 25, 2014 and April 20, 2015 by CB&I Environmental and Infrastructure, Inc.
TBPE Firm F-5650

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Sections 1.1, 1.2, 2.1.4, 10.1—10.4,
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 TBPE Firm F-5650

relative thinness of these zones severely limit their ability to produce water in potentially useful quantities. The quality of this water is very poor to unacceptable for most domestic or agricultural uses. Regional aquifers exist beneath the site, but at significant depth. The Laredo Aquifer is expected to occur at a depth of about 1,000 feet or more below the ground surface. Water in this aquifer is generally slightly saline, with total dissolved solids in the range of 1,000-2,500 milligrams per liter (mg/l), about two to five times the U.S. EPA's secondary drinking water regulation (SDWR) standard of 500 mg/l. Published reports indicate the groundwater produced by some wells contain some metals and trace elements in excess of SDWR limits. This and other deeper aquifers in south central Webb County dip towards the southeast towards the Gulf of Mexico and generally crop out in relatively narrow bands that trend northeast-southwest.

Groundwater usage in the general area of the site is very limited. Only one water well is known to exist within a one-mile radius of the facility boundary. This is the private water well that is located near the Yugo Ranch headquarters' buildings and serves the general needs of the ranch. This well is located roughly 1,575 feet southwest of the proposed facility. The ranch well was geophysically logged as part of this study and the caliper log indicates that the well is screened in the Yegua from about 1020 feet to 1136 feet where the diameter is reduced to final log depth [1160 feet], suggesting a smaller screen or sediment trap. According to TWDB records and information developed during the preparation of this permit application, there are only ~~86~~ water wells within a five-mile radius of the facility, including this ranch well. The next closest wells ~~are~~ is about 1.4 miles southeast and 2.5 miles northwest of the facility. ~~Three~~Four wells appear to be ~~are~~ located between 4.3 and 5 miles northwest of the facility, in the community of Ranchitos Las Lomas. One of these is a well located right at~~nearly~~ 5 miles away that is owned and operated by Webb County. This well was intended as a public water supply well to make dispensed water available to the residents of Ranchitos Las Lomas. Water quality from this well is so poor that the majority of the water dispensed at this site is hauled by tanker trucks from the Webb County maintenance facility near U.S. Highway 59 and Loop 20 in Laredo. The source of this hauled water is the Laredo public water system. Of the total quantity of water Webb County dispenses at this location, relatively little water comes from this well, and that follows extensive treatment. Two wells are located nearly five miles to the southwest of the site. Refer to Part III, Appendix III-E.1 for additional information.

1.3 Site Size and Topography

The site contains approximately 953 acres and is roughly rectangular in shape, as shown on Figure 3, Part II. It is nearly one mile measured east to west and less than two miles measured north to south. For the most part, the site topography is gently sloped from

1.5 Floodplains

Because the swales that convey drainage across the site are so wide and shallow, they are quite inefficient at conveying runoff. As a result, relatively wide areas of the site are inundated by runoff from the 100-year rainfall event. The flood insurance rate map (FIRM) for the site, as prepared by the Federal Emergency Planning Agency (FEMA), indicates a significant portion of the site to be within Zone A, the 100-year floodplain. This floodplain is depicted in Figure 11, Part II. The FIRM can also be found in Attachment G of Part II. It is important to realize that the surface topography used to create the FIRM does not appear to include the existing dikes and surface impoundments at the site and in the watershed upslope from the site. ~~An TRC is engaged in engineering studies~~ of the actual surface topography as it currently exists was subsequently performed along with ~~TRC is also performing~~ an engineering analysis of drainage at the site and all watersheds above and immediately below the site. ~~A TRC will design a series of drainage channels and detention structures was designed to that will result in the removal of~~ the proposed landfill area from the 100-year floodplain. Furthermore, a Conditional Letter of Map Revision (CLOMR), ~~was has been~~ submitted to FEMA requesting correction of the existing FIRM to take into account the proposed related drainage and floodplain improvements. The CLOMR was approved by FEMA on November 21, 2014. ~~We expect this action will result in documentation that construction of the proposed watershed improvements at and adjacent to the site will remove the landfill from the 100-year floodplain.~~

1.6 Threatened and Endangered Species

TRC has performed an initial assessment of threatened and endangered (T&E) species at the site, and subsequently conducted a more detailed biological evaluation. These studies will assure compliance with federal and state requirements for the protection of T&E species and their habitats. These studies have been submitted to the Texas Parks and Wildlife Department (TPWD) and the U.S. Fish and Wildlife Survey (USFWS), as discussed in Section 14.0. Subsequent to these studies, aci Consulting performed a Biological Assessment and received notice from the U.S. Fish and Wildlife Service that the proposed project had complied with section 7(a)(2) of the Endangered Species Act, and concurred that the project would have no effect on four of the species identified (ocelot, interior least tern, ashy dogweed and Johnston's frankenia) and would not adversely affect the jaguarundi due to its closest observation being 44 miles to the north and the proposed conservation measures that will benefit the species should they be in the vicinity of the project site. See Part II, Attachment A for a copy of the Biological Assessment and correspondence from the USFWS.

2.0 WASTE ACCEPTANCE PLAN [330.61 (b)]

2.1 General

2.1.1 Type of Facility and Wastes to be Accepted – The facility will be a Type I municipal solid waste landfill, with several additional waste management units. As a Type I landfill, the facility will be designed for and will accept certain types of non-hazardous industrial wastes that are compatible with landfill disposal, and will also may accept liquid municipal and industrial wastes ~~in the future~~. Waste management units for liquid ~~industrial~~ wastes will may include solidification (prior to landfill disposal) or underground injection by means of a Class 1 injection well (future units). Design considerations will be made to ensure that storm water and wastewater management are in compliance with TCEQ regulations. All contaminated liquids resulting from the operation of the facility will be disposed of in a manner that will not cause surface water or groundwater pollution. Grease trap and grit trap wastes will be accepted for solidification and possible processing for beneficial recovery in future waste management units upon TCEQ approval. Processing of recyclables, such as those collected by residential curbside collection programs, may be provided. This process will seek to recover all recyclable commodities that have a market or reuse value, coupled with landfill disposal of non-recyclable residuals.

2.1.2 General Prohibitions- The following wastes will not be accepted for landfill disposal at this facility:

- (1) Lead acid storage batteries.
- (2) Do-it-yourself used motor vehicle oil
- (3) Used oil filters from internal combustion engines.
- (4) Whole used or scrap tires, unless processed prior to disposal in a manner acceptable to the executive director.
- (5) Refrigerators, freezers, air conditioners, and any other items containing chlorinated fluorocarbon (CFC).
- (6) Liquid waste, except as allowed in 30 TAC §330.177 (relating to Leachate and Gas Condensate Recirculation), and/or except household liquid waste as allowed by 30 TAC §330.15(e)(6) will not be accepted for disposal in any MSW landfill unit.
- (7) Regulated hazardous waste as defined in 30 TAC §330.3.
- (8) Polychlorinated biphenyls (PCB) wastes, as defined under 40 Code of Federal Regulations Part 761, unless authorized by the United States Environmental Protection Agency and the MSW permit.

(9) Radioactive materials as defined in 30 TAC Chapter 336 (relating to Radioactive Substance Rules), except as authorized in Chapter 336 or that are subject to an exemption of the Department of State Health Services.

2.1.3 Management of Industrial and Special Wastes – The facility will accept certain Class 1 non-hazardous, Class 2 and Class 3 industrial wastes, as well as many special wastes that are regulated as municipal solid waste (MSW). Only those Class 1 non-hazardous wastes that are allowed to be disposed into Type I MSW landfills in restricted locations will be accepted. ~~with the understanding that~~ The facility will also ~~may in the future~~ provide on-site ~~stabilization or~~ solidification of certain types of industrial and municipal liquids and sludge to render these wastes suitable for landfill disposal. Grease and grit trap wastes will be accepted for solidification (and possible future processing) from commercial sources (restaurants, fast food facilities, car wash and vehicle maintenance facilities), industrial sources (food processing plants, manufacturing plants) and institutional sources (hospitals, schools, prisons). Class I Industrial Waste amounts will not exceed 20 percent of the total amount of all waste accepted for disposal. Special design considerations will be made in accordance with 30 TAC §330.173 to properly manage any Class I waste that is proposed to be accepted for disposal at the landfill. ~~Before accepting wastes that require stabilization, the facility will obtain a permit modification or amendment to add an on-site solidification facility.~~ Special wastes will be accepted only to the extent that any given category or type of special waste can be properly managed by the facility and/or readily disposed into the landfill.

Class I Industrial Waste will be disposed only in landfill cells lined with the industrial waste default design composite liner. The upper component shall consist of a minimum 30-mil (0.75 mm) flexible membrane liner and the lower component shall consist of at least a three-foot layer of compacted soil with a hydraulic conductivity of no more than 1×10^{-7} cm/sec. Flexible membrane liner components consisting of high density polyethylene shall be at least 60-mil thick. The flexible membrane liner component shall be installed in direct and uniform contact with the compacted soil component. Class I Industrial Waste cells shall have a leachate-collection system designed and constructed to maintain less than a 30-cm depth of leachate over the liner.

2.1.4 Soil and Groundwater – The soils encountered during drilling and described in the literature are dominantly clays. While the bottom and sides of the landfill excavation could encounter thin, isolated sand/silt units with a Unified Soil Classification of “SM” or “SP,” these soil units do not appear to be sufficiently thick and laterally continuous to provide a significant pathway for waste migration. In addition, most of these units will not exhibit hydraulic conductivity greater than 1×10^{-5} cm/sec. However, any effect of the sand/silt units is minimized because the average annual evaporation exceeds average annual rainfall by more than 40 inches. The nearest “regional aquifer” is located

approximately 1,000 feet below the site, according to regional cross-sections, the literature, geophysical log data obtained from the ranch water well located 1,575 feet from the facility, and geophysical log interpretations for gas wells in the site area. The ranch water well produces water from that depth. As a consequence of the prevailing soil conditions, the aquifer is protected by many hundred feet of low-permeability, clay-rich soil. References include Baker, Barnes and Lonsdale in Section 10.0.

2.2 Sources and Characteristics of Waste

The proposed facility will be a comprehensive waste treatment and disposal facility that serves municipal and industrial customers by means of truck and rail transportation. Municipal solid wastes transported by truck are expected to originate in Webb and nearby counties. The use of tractor-trailers loaded at transfer stations could extend the service area to more distant areas of South Texas such as Corpus Christi and San Antonio. Grease trap and grit trap wastes solidified ~~processed~~ at this facility are expected to be generated in the same service area. Industrial wastes are expected to be generated from this service area plus the industries in the Houston-Beaumont region. Wastes transported by rail can be economically shipped from greater distances, because the transportation cost per ton-mile is much less by rail than by truck. In regions of the country where the cost of landfill disposal is relatively high and landfills are some distance away and served by trucks, the cost of solid waste disposal by rail-hauling to this facility could be less. Thus, the service area for rail-hauled waste may essentially be unlimited.

Sources of non-industrial waste that are intended to be managed at the proposed facility include local governmental entities (cities, towns, waste management districts or authorities, and counties), state institutions, federal agencies that generate waste from disaster response, commercial solid waste collection companies, and similar generators of municipal solid waste. Wastes to be received other than industrial waste can be characterized as garbage, rubbish, ashes, street sweepings, incidental dead animals, and non-recyclable residuals following the removal of recyclables from source-separated recyclable materials. Solids resulting from the solidification (or future processing with prior TCECQ approval) of grease and grit trap wastes ~~will~~may also be disposed in the landfill.

A main line of the Kansas City Southern Railroad (KCS) passes within about two miles of the landfill facility and is accessible by all-weather roads on private property. Rail service to the site can be accomplished without having to transport waste over public roads. However, in the initial period of operation, waste may be transported in sealed, steel containers through the KCS intermodal shipping yard in Laredo.

KCS is an international railroad company with extensive track mileage and service in Mexico. The facility intends to provide waste disposal services to industrial generators in Mexico. Both the *maquiladora* industries along the U.S. border and other industries in Mexico will be served by the facility.

2.3 Quantity of Waste

Estimated Maximum Annual Waste Acceptance Rate - The facility estimates that it will receive the following maximum annual quantities of waste for landfill disposal during the first five years of its operation, and the population equivalent represented by these quantities:

Year 1 – 1,000,000 tons	(1.1 million)
Year 2 – 1,200,000 tons	(1.3 million)
Year 3 – 1,400,000 tons	(1.6 million)
Year 4 – 1,600,000 tons	(1.75 million)
Year 5 – 1,800,000 tons	(2.0 million)

It must be noted that these figures are estimates only at this time, and should not be considered either as a firm commitment of quantities to be received or as a limitation on the amount of waste to be received in any of the years shown. The actual quantities to be received are expected to be determined by contracts the owner or operator anticipates securing from waste generators after the facility is closer to being in operation. The facility will be constructed to have sufficient processing and disposal capacity available and sufficient numbers of personnel and equipment, to properly manage the waste streams that are brought to the facility.

The ~~liquid waste grease and grit trap (G&G) waste solidification processing~~ facility is expected to receive a maximum of 30,000 gallons per day in the first year of operation. The maximum and average lengths of time this waste will remain at the facility prior to disposal, are summarized in the following table. ~~Liquid G&G~~ waste will typically be delivered in commercial vacuum trucks and off-loaded into a series of storage tanks. This waste will be transferred to mixing tanks for ~~solidification using various adsorbent materials processing, where treatment chemicals (typically polymers and flocculating agents) and possibly compressed air~~ will be added. Following the ~~solidification reaction~~ time in the mixing tanks, the ~~liquid G&G~~ waste will be ~~considered a solid and will be transferred for disposal to separation tanks, where the grease will float and the grit will settle.~~ ~~Ultimately g~~Grease may be shipped off-site for processing for energy recovery, ~~or dewatered on-site and landfilled. Grease decomposes to produce landfill gas.~~ Grit will be

dewatered and landfilled. Remaining water will be managed as contaminated water and treated on site by solar evaporation or solidification (in accordance with TCEQ rules). This water may be hauled off-site for disposal at a wastewater treatment plant under authorization of the plant owner. All aspects of the management of liquid waste, including G&G waste, will be in accordance with TCEQ rules (and U.S. EPA rules if offsite disposal is employed).

LIQUID GREASE AND GRIT TRAP WASTE

Year after opening	Maximum Receipts, gallons per day	Maximum Receipts, gallons per year	Maximum Storage, days	Average Storage, days
1	30,000	10,800,000	5	3
2	33,000	11,900,000	5	3
3	36,000	13,000,000	5	3
4	39,000	14,000,000	5	3
5	42,000	15,100,000	5	3

The maximum amount of liquid waste, including grease and grit trap waste, to be stored, or total storage capacity, will be 50,000 gallons. The proposed maximum daily waste acceptance rate is 50,000 gallons per day.

3.0 GENERAL LOCATION MAPS [330.61 (c)]

The General Location Map is presented as Figure 1 in Part II. This map is used to present the following described features, to the extent they exist within the distances from the proposed facility as defined by 30 TAC 330.61(c). For clarity, certain of these features are presented elsewhere in this permit application. The prevailing wind direction with a wind rose is presented on Figure 2 of Part II.

There are no water wells on the proposed site or within 500 feet of the proposed permit boundary, except for temporary piezometers and / or groundwater monitoring wells that were installed as part of the development of this permit application. There is one water well within two miles of the proposed site, located about 1,575 feet southwest of the site. This is the water supply well for the ranch. Its location is shown on Figure 1 in Part II.

There are no structures and inhabitable buildings within 500 feet of the proposed facility. There are several structures and inhabitable buildings about 2,100 feet from the facility; these are shown on Figure 1 of Part II. These include two one-houses, one mobile home, and several ranch buildings (one machine storage building and two sheds used as stables). On occasion, one travel trailer may also be temporarily parked in this area. All residents of these structures are ranch workers employed by Yugo Ranch.

There are no schools, licensed day-care facilities, churches, or cemeteries within one mile of the facility. Several man-made ponds (stock tanks) exist within one mile of the site, and these are shown on the map. There are no other residential, commercial or recreational areas within one mile of the facility, so none are shown; there also are no hospitals in this area. The nearest known airport used for commercial or general aviation is the Laredo International Airport, located more than 20 miles west of the facility.

The location and surface type of roads that will be used to access the facility are shown.

The latitude and longitude of the facility is shown.

Area streams are shown.

There are no airports within six miles of the facility, so none can be shown.

The property boundary of the facility is shown.

Easements within or adjacent to the facility cannot be clearly shown on Figure 1 of Part II. Consequently, for the sake of clarity, all known easements are shown on Figure 4 of Part I. Figure 4 was prepared by Mejia Engineering Company, and consists of Sheets 1 to 4 of 4.

12.0 ABANDONED OIL AND WATER WELLS [330.61 (I)]

Abandoned Oil Wells - The area around the proposed landfill site on the Yugo Ranch has been drilled for oil and gas. However, there are no active wells within the proposed landfill footprint or facility site and only one abandoned and plugged gas well. Records of the oil and gas wells were obtained from the Railroad Commission of Texas (RRT). A map of the active and plugged wells was obtained and used as a reference. The approximate location of this plugged and abandoned well can be seen on Plate 4 of Appendix III-E.1 in Part III. See Attachment I in Part II for an owner's affidavit regarding the plugging and abandonment of this well. ~~These records in conjunction with an on-site inspection before and during excavation will allow determination of whether this one well, or any others discovered onsite, need to be capped, plugged, and closed in accordance with applicable rules and regulations of TCEQ or the RRT. As required, within 30 days prior to construction, written certification will be provided to executive director of TCEQ that the gas well, and any others encountered, have been properly capped, plugged, and closed.~~ Gathering lines do crisscross the proposed landfill site; thus, if a waste disposal permit is received, these lines will have to be abandoned and relocated as necessary. Future drilling for mineral resources beneath the landfill will use deviated drilling techniques from surface locations outside the footprint of the proposed landfill.

Abandoned Water Wells – There are no abandoned water wells at the facility.

13.0 FLOODPLAINS AND WETLANDS STATEMENT [330.61 (m)]

Portions of the proposed facility are currently located within the 100-year floodplain, as indicated on the replication of the most current available floodplain map, or Flood Insurance Rate Map (FIRM), presented in Figure 11. An independent comprehensive storm water management system of dikes, drainage channels and detention ponds has been designed to remove areas of the site proposed for the landfill, processing and storage areas and related development from the 100-year floodplain. ~~TRC performed a~~ All the necessary hydrological and hydraulic engineering analysis and ~~design to accomplish this. The results to support the of this~~ engineering design, along with an application for a Conditional Letter of Map Revision (CLOMR) were submitted to the Webb County Planning Department (WCPD) for review and were approved (see Attachment G). WCPD is the local agency responsible for floodplain management. With concurrence from the WCPD, the CLOMR application ~~was been~~ submitted to the Federal Emergency Management Agency (FEMA) for review and approval. The CLOMR, approved on November 21, 2014, ~~when issued will verifies~~ that the proposed CLOMR system drainage plans will, in fact, remove areas of the site proposed for the landfill, processing and storage areas and related development from the 100-year floodplain. The design of the proposed landfill and related appurtenances to be provided in Part III of the Application will include a separate, comprehensive storm water management system of dikes, drainage channels and detention ponds.

Any reduction of the permit boundary area will have no effect on the CLOMR application. The CLOMR, as submitted to FEMA, has not changed from that approved by the WCPD and will effectively remove the area of the proposed landfill and buildings from the 100-year floodplain.

Construction of the landfill will impact a named reservoir, Burrito Tank, and possibly several smaller stock tanks. All affected reservoirs are owned by the applicant or by its parent, Rancho Viejo Cattle Company, Ltd. In order to approximate effects of the tanks, storage and discharge relationships were developed and utilized for simulation of the pre-project conditions in the CLOMR analysis. Therefore, all existing features were included in the pre-project conditions analysis. It should be noted that, after reviewing the delineation of the FEMA floodplain with respect to the tanks, the tanks will likely not have any significant attenuation effect on the peak discharge. The 100-year flood is so broad in the vicinity of the tanks it appears there is sufficient area to carry the flows which will bypass the tanks' zones of impact.

The proposed landfill is located in an ideal location considering soil, groundwater, land use, and oil and gas activities (past, present, and future). No other location is equally plausible. It is difficult to find an area of appropriate size in Eastern Webb County that

Attachment I

Oil Well Affidavit

Attachment C to April 21, 2014 Letter

**Original and Two Clean Copies of Changes to Parts I and II
MSW # 2374**

Pescadito Environmental Resource Center
MSW No. 2374
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PART I

APPLICATION FOR PERMIT TYPE I MUNICIPAL SOLID WASTE FACILITY

MSW PERMIT NO. 2374

PESCADITO ENVIRONMENTAL RESOURCE CENTER SOLID WASTE MANAGEMENT AND DISPOSAL FACILITY

RANCHO VIEJO WASTE MANAGEMENT, LLC
LAREDO, WEBB COUNTY, TEXAS

Originally Prepared By:

TRC Environmental Corporation

TBPE Firm Registration No. 3775

March 28, 2011; Revised May 20, 2011; Revised September 14, 2011; Revised December 14, 2011

Part I was signed by James F. Neyens, P.E. on December 14, 2011 for all changes through that date

Revised on June 12, 2014

April 20, 2015 By:



CB&I Environmental and Infrastructure, Inc.

TBPE Firm Registration No. F-5650

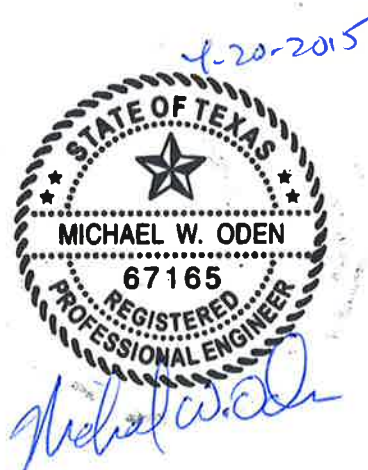


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Non-hazardous industrial waste from maquiladora industries in Mexico – included with industrial waste, and

Event-type waste from disaster clean-ups – varies from none to occasionally up to 2,000 tpd.

The types of materials that will be received for processing, along with their volume or rate, may include:

Unsorted or mixed recyclables for processing and recovery of commodities – up to 500 tpd, and

Liquid waste, including grease trap and grit trap wastes for processing and solidification (ultimately for beneficial reuse) – up to 50,000 gallons per day.

The characteristics of these wastes and materials are provided in the definitions found at 30 TAC §330.3 (1) through (181). No regulated hazardous wastes will be accepted. Special wastes as defined by 30 TAC §330.3 (148) and Class 2 and Class 3 industrial wastes will be accepted, except for any such wastes that cannot be effectively processed, handled or disposed at this facility. Class 1 non-hazardous wastes will also be accepted. Class I Industrial Waste amounts will not exceed 20 percent of the total amount of all waste accepted for disposal during the current or previous year.

Materials the will be received for deep well injection include liquids from oil and gas exploration and production under the regulatory jurisdiction of the RRC.

Waste for landfill disposal at PERC is anticipated to be between 1,000,000 and 2,000,000 tons per year (tpy) in the first few years after the landfill is permitted and constructed. This is between about 2,750 and 5,500 tons per day (tpd), based on receiving waste seven days per week. The facility expects to receive a higher rate of waste, and will have ample capacity to accept larger quantities. The landfill units have a total disposal capacity currently estimated to be about 175-225,000,000 tons, and have a capacity to receive and dispose of as much as 10,000 tpd.

The above volumes and rates are estimates, and it should be understood that it is difficult to accurately estimate what the future volumes and rates of waste receipts may be. Almost all incoming waste will be received based on multi-year contracts with various waste generators, which will be a combination of local governmental entities, private waste companies with local hauling contracts but no local landfill, and industries.

1.4.3 Other Information

This permit application has been prepared to demonstrate compliance with the requirements established in 30 TAC 330.57 through 330.65, and related or referenced

PART II

APPLICATION FOR PERMIT TYPE I MUNICIPAL SOLID WASTE FACILITY MSW PERMIT NO. 2374

PESCADITO ENVIRONMENTAL RESOURCE CENTER

SOLID WASTE MANAGEMENT AND DISPOSAL FACILITY RANCHO VIEJO WASTE MANAGEMENT, LLC LAREDO, WEBB COUNTY, TEXAS

Sections 1.1, 1.2, 2.1.4, 10.1—10.4, 11.1 –
Signed by H.C. Clark, P.G., Ph.D. on Feb. 7,
2012

Except for Sections 1.1, 1.2, 2.1.4,
10.1—10.4 and 11.1 – remaining
portions of Part II through February 17,
2012 revisions were signed/sealed by
James F. Neyens, P.E. on February 24,
2012.

Originally Prepared By:

TRC Environmental Corporation
TBPE Firm Registration No. 3775

March 28, 2011; Revised May 20, 2011; Revised September 14, 2011; Revised December 14, 2011; Revised February 17, 2012

Revised on June 12, 2014 by:



Shaw Environmental, Inc. (a CB&I company)
TBPE Firm Registration No. F-5650
and

H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1

Revised July 25, 2014 and April 20, 2015 By:
CB&I Environmental and Infrastructure, Inc.



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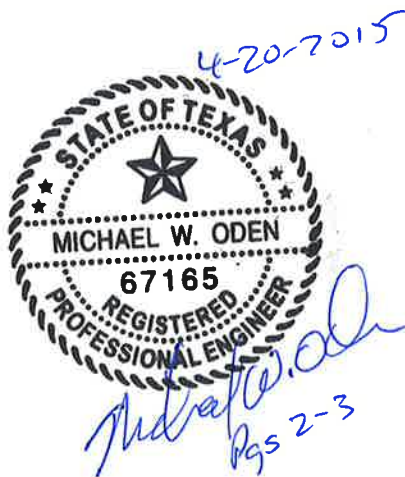
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 February 24, 2012.

Revised June 12, 2014
 H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1
 And
 CB&I (Shaw Environmental, Inc.) for other revised pages

Revised July 25, 2014 and April 20, 2015 by CB&I Environmental and Infrastructure, Inc.
 TBPE Firm F-5650

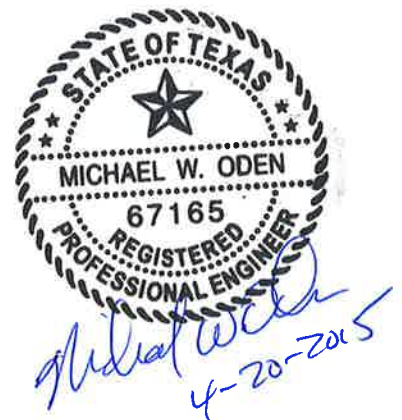


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Revised June 12, 2014

H.C. Clark P.G., Ph.D. for Sections 1.2, 2.1.4 and 11.1

And

CB&I (Shaw Environmental, Inc.) for other revised pages

Revised July 25, 2014 and April 20, 2015 by CB&I Environmental and Infrastructure, Inc.

TBPE Firm F-5650

relative thinness of these zones severely limit their ability to produce water in potentially useful quantities. The quality of this water is very poor to unacceptable for most domestic or agricultural uses. Regional aquifers exist beneath the site, but at significant depth. The Laredo Aquifer is expected to occur at a depth of about 1,000 feet or more below the ground surface. Water in this aquifer is generally slightly saline, with total dissolved solids in the range of 1,000-2,500 milligrams per liter (mg/l), about two to five times the U.S. EPA's secondary drinking water regulation (SDWR) standard of 500 mg/l. Published reports indicate the groundwater produced by some wells contain some metals and trace elements in excess of SDWR limits. This and other deeper aquifers in south central Webb County dip towards the southeast towards the Gulf of Mexico and generally crop out in relatively narrow bands that trend northeast-southwest.

Groundwater usage in the general area of the site is very limited. Only one water well is known to exist within a one-mile radius of the facility boundary. This is the private water well that is located near the Yugo Ranch headquarters' buildings and serves the general needs of the ranch. This well is located roughly 1,575 feet southwest of the proposed facility. The ranch well was geophysically logged as part of this study and the caliper log indicates that the well is screened in the Yegua from about 1020 feet to 1136 feet where the diameter is reduced to final log depth [1160 feet], suggesting a smaller screen or sediment trap. According to TWDB records and information developed during the preparation of this permit application, there are only 8 water wells within a five-mile radius of the facility, including this ranch well. The next closest wells are about 1.4 miles southeast and 2.5 miles northwest of the facility. Three wells appear to be located between 4.3 and 5 miles northwest of the facility, in the community of Ranchitos Las Lomas. One of these is a well located right at 5 miles away that is owned and operated by Webb County. This well was intended as a public water supply well to make dispensed water available to the residents of Ranchitos Las Lomas. Water quality from this well is so poor that the majority of the water dispensed at this site is hauled by tanker trucks from the Webb County maintenance facility near U.S. Highway 59 and Loop 20 in Laredo. The source of this hauled water is the Laredo public water system. Of the total quantity of water Webb County dispenses at this location, relatively little water comes from this well, and that follows extensive treatment. Two wells are located nearly five miles to the southwest of the site. Refer to Part III, Appendix III-E.1 for additional information.

1.3 Site Size and Topography

The site contains approximately 953 acres and is roughly rectangular in shape, as shown on Figure 3, Part II. It is nearly one mile measured east to west and less than two miles measured north to south. For the most part, the site topography is gently sloped from north to south at about 0.5 to 1 percent. Several shallow swales gather storm water runoff and convey it southward. Several stock tanks have been constructed within the site

This floodplain is depicted in Figure 11, Part II. The FIRM can also be found in Attachment G of Part II. It is important to realize that the surface topography used to create the FIRM does not appear to include the existing dikes and surface impoundments at the site and in the watershed upslope from the site. An engineering study of the actual surface topography as it currently exists was subsequently performed along with an engineering analysis of drainage at the site and all watersheds above and immediately below the site. A series of drainage channels and detention structures was designed to remove the proposed landfill area from the 100-year floodplain. Furthermore, a Conditional Letter of Map Revision (CLOMR) was submitted to FEMA requesting correction of the existing FIRM to take into account the proposed drainage and floodplain improvements. The CLOMR was approved by FEMA on November 21, 2014.

1.6 Threatened and Endangered Species

TRC has performed an initial assessment of threatened and endangered (T&E) species at the site, and subsequently conducted a more detailed biological evaluation. These studies will assure compliance with federal and state requirements for the protection of T&E species and their habitats. These studies have been submitted to the Texas Parks and Wildlife Department (TPWD) and the U.S. Fish and Wildlife Survey (USFWS), as discussed in Section 14.0. Subsequent to these studies, aci Consulting performed a Biological Assessment and received notice from the U.S. Fish and Wildlife Service that the proposed project had complied with section 7(a)(2) of the Endangered Species Act, and concurred that the project would have no effect on four of the species identified (ocelot, interior least tern, ashy dogweed and Johnston's frankenia) and would not adversely affect the jaguarundi due to its closest observation being 44 miles to the north and the proposed conservation measures that will benefit the species should they be in the vicinity of the project site. See Part II, Attachment A for a copy of the Biological Assessment and correspondence from the USFWS.

1.7 Land Use

Land use at and within one mile of the facility is exclusively devoted to cattle ranching and oil and gas exploration and production. This same land use extends generally for many miles in every direction. The only exceptions are an area of residential land use about four miles to the northwest and two transportation corridors. The residential land use is in the community of Ranchitos Las Lomas, which is located along Highway 59 and had a population of 334 in the 2000 census. The transportation corridors include U.S. Highway 59, which passes through Ranchitos Las Lomas four miles to the northwest, and the Kansas City Southern Railroad about two miles to the south of the facility, which will provide rail service to the site.

1.8 Oil and Gas Production

While some oil but mostly gas production has been prevalent in the area, very little has actually occurred on the proposed site of the facility. Several wells were attempted on or adjacent to the site, but have been sealed and abandoned. The width of the landfill was selected to allow possible future development of gas reserves beneath the landfill by using directional drilling methods. Existing practices employed by energy companies in

2.0 WASTE ACCEPTANCE PLAN [330.61 (b)]

2.1 General

2.1.1 Type of Facility and Wastes to be Accepted – The facility will be a Type I municipal solid waste landfill, with several additional waste management units. As a Type I landfill, the facility will be designed for and will accept certain types of non-hazardous industrial wastes that are compatible with landfill disposal, and will also accept liquid municipal and industrial wastes. Waste management units for liquid wastes will include solidification (prior to landfill disposal) or underground injection by means of a Class 1 injection well (future units). Design considerations will be made to ensure that storm water and wastewater management are in compliance with TCEQ regulations. All contaminated liquids resulting from the operation of the facility will be disposed of in a manner that will not cause surface water or groundwater pollution. Grease trap and grit trap wastes will be accepted for solidification and possible processing for beneficial recovery in future waste management units upon TCEQ approval. Processing of recyclables, such as those collected by residential curbside collection programs, may be provided. This process will seek to recover all recyclable commodities that have a market or reuse value, coupled with landfill disposal of non-recyclable residuals.

2.1.2 General Prohibitions- The following wastes will not be accepted for landfill disposal at this facility:

- (1) Lead acid storage batteries.
- (2) Do-it-yourself used motor vehicle oil
- (3) Used oil filters from internal combustion engines.
- (4) Whole used or scrap tires, unless processed prior to disposal in a manner acceptable to the executive director.
- (5) Refrigerators, freezers, air conditioners, and any other items containing chlorinated fluorocarbon (CFC).
- (6) Liquid waste, except as allowed in 30 TAC §330.177 (relating to Leachate and Gas Condensate Recirculation), and/or except household liquid waste as allowed by 30 TAC §330.15(e)(6) will not be accepted for disposal in any MSW landfill unit.
- (7) Regulated hazardous waste as defined in 30 TAC §330.3.
- (8) Polychlorinated biphenyls (PCB) wastes, as defined under 40 Code of Federal Regulations Part 761, unless authorized by the United States Environmental Protection Agency and the MSW permit.
- (9) Radioactive materials as defined in 30 TAC Chapter 336 (relating to Radioactive Substance Rules), except as authorized in Chapter 336 or that are subject to an exemption of the Department of State Health Services.

2.1.3 Management of Industrial and Special Wastes – The facility will accept certain Class 1 non-hazardous, Class 2 and Class 3 industrial wastes, as well as many special wastes that are regulated as municipal solid waste (MSW). Only those Class 1 non-hazardous wastes that are allowed to be disposed into Type I MSW landfills in restricted locations will be accepted. The facility will also provide on-site solidification of certain types of industrial and municipal liquids and sludge to render these wastes suitable for landfill disposal. Grease and grit trap wastes will be accepted for solidification (and possible future processing) from commercial sources (restaurants, fast food facilities, car wash and vehicle maintenance facilities), industrial sources (food processing plants, manufacturing plants) and institutional sources (hospitals, schools, prisons). Class I Industrial Waste amounts will not exceed 20 percent of the total amount of all waste accepted for disposal. Special design considerations will be made in accordance with 30 TAC §330.173 to properly manage any Class I waste that is proposed to be accepted for disposal at the landfill. Special wastes will be accepted only to the extent that any given category or type of special waste can be properly managed by the facility and/or readily disposed into the landfill.

Class I Industrial Waste will be disposed only in landfill cells lined with the industrial waste default design composite liner. The upper component shall consist of a minimum 30-mil (0.75 mm) flexible membrane liner and the lower component shall consist of at least a three-foot layer of compacted soil with a hydraulic conductivity of no more than 1×10^{-7} cm/sec. Flexible membrane liner components consisting of high density polyethylene shall be at least 60-mil thick. The flexible membrane liner component shall be installed in direct and uniform contact with the compacted soil component. Class I Industrial Waste cells shall have a leachate-collection system designed and constructed to maintain less than a 30-cm depth of leachate over the liner.

2.1.4 Soil and Groundwater – The soils encountered during drilling and described in the literature are dominantly clays. While the bottom and sides of the landfill excavation could encounter thin, isolated sand/silt units with a Unified Soil Classification of “SM” or “SP,” these soil units do not appear to be sufficiently thick and laterally continuous to provide a significant pathway for waste migration. In addition, most of these units will not exhibit hydraulic conductivity greater than 1×10^{-5} cm/sec. However, any effect of the sand/silt units is minimized because the average annual evaporation exceeds average annual rainfall by more than 40 inches. The nearest “regional aquifer” is located approximately 1,000 feet below the site, according to regional cross-sections, the literature, geophysical log data obtained from the ranch water well located 1,575 feet from the facility, and geophysical log interpretations for gas wells in the site area. The ranch water well produces water from that depth. As a consequence of the prevailing soil

conditions, the aquifer is protected by many hundred feet of low-permeability, clay-rich soil. References include Baker, Barnes and Lonsdale in Section 10.0.

2.2 Sources and Characteristics of Waste

The proposed facility will be a comprehensive waste treatment and disposal facility that serves municipal and industrial customers by means of truck and rail transportation. Municipal solid wastes transported by truck are expected to originate in Webb and nearby counties. The use of tractor-trailers loaded at transfer stations could extend the service area to more distant areas of South Texas such as Corpus Christi and San Antonio. Grease trap and grit trap wastes solidified at this facility are expected to be generated in the same service area. Industrial wastes are expected to be generated from this service area plus the industries in the Houston-Beaumont region. Wastes transported by rail can be economically shipped from greater distances, because the transportation cost per ton-mile is much less by rail than by truck. In regions of the country where the cost of landfill disposal is relatively high and landfills are some distance away and served by trucks, the cost of solid waste disposal by rail-hauling to this facility could be less. Thus, the service area for rail-hauled waste may essentially be unlimited.

Sources of non-industrial waste that are intended to be managed at the proposed facility include local governmental entities (cities, towns, waste management districts or authorities, and counties), state institutions, federal agencies that generate waste from disaster response, commercial solid waste collection companies, and similar generators of municipal solid waste. Wastes to be received other than industrial waste can be characterized as garbage, rubbish, ashes, street sweepings, incidental dead animals, and non-recyclable residuals following the removal of recyclables from source-separated recyclable materials. Solids resulting from the solidification (or future processing with prior TCECQ approval) of grease and grit trap wastes will also be disposed in the landfill.

A main line of the Kansas City Southern Railroad (KCS) passes within about two miles of the landfill facility and is accessible by all-weather roads on private property. Rail service to the site can be accomplished without having to transport waste over public roads. However, in the initial period of operation, waste may be transported in sealed, steel containers through the KCS intermodal shipping yard in Laredo.

KCS is an international railroad company with extensive track mileage and service in Mexico. The facility intends to provide waste disposal services to industrial generators in Mexico. Both the *maquiladora* industries along the U.S. border and other industries in Mexico will be served by the facility.

2.3 Quantity of Waste

Estimated Maximum Annual Waste Acceptance Rate - The facility estimates that it will receive the following maximum annual quantities of waste for landfill disposal during the first five years of its operation, and the population equivalent represented by these quantities:

Year 1 – 1,000,000 tons	(1.1 million)
Year 2 – 1,200,000 tons	(1.3 million)
Year 3 – 1,400,000 tons	(1.6 million)
Year 4 – 1,600,000 tons	(1.75 million)
Year 5 – 1,800,000 tons	(2.0 million)

It must be noted that these figures are estimates only at this time, and should not be considered either as a firm commitment of quantities to be received or as a limitation on the amount of waste to be received in any of the years shown. The actual quantities to be received are expected to be determined by contracts the owner or operator anticipates securing from waste generators after the facility is closer to being in operation. The facility will be constructed to have sufficient processing and disposal capacity available and sufficient numbers of personnel and equipment, to properly manage the waste streams that are brought to the facility.

The liquid waste solidification facility is expected to receive a maximum of 30,000 gallons per day in the first year of operation. The maximum and average lengths of time this waste will remain at the facility prior to disposal are summarized in the following table. Liquid waste will typically be delivered in commercial vacuum trucks and off-loaded into a series of storage tanks. This waste will be transferred to mixing tanks for solidification using various adsorbent materials will be added. Following the solidification time in the mixing tanks, the liquid waste will be considered a solid and will be transferred for disposal. Ultimately grease may be shipped off-site for processing for energy recovery. Grit will be dewatered and landfilled. Remaining water will be managed as contaminated water and treated on site by solar evaporation or solidification (in accordance with TCEQ rules). This water may be hauled off-site for disposal at a wastewater treatment plant under authorization of the plant owner. All aspects of the management of liquid waste, including G&G waste, will be in accordance with TCEQ rules (and U.S. EPA rules if offsite disposal is employed).

LIQUID WASTE

Year after opening	Maximum Receipts, gallons per day	Maximum Receipts, gallons per year	Maximum Storage, days	Average Storage, days
1	30,000	10,800,000	5	3
2	33,000	11,900,000	5	3
3	36,000	13,000,000	5	3
4	39,000	14,000,000	5	3
5	42,000	15,100,000	5	3

The maximum amount of liquid waste, including grease and grit trap waste, to be stored, or total storage capacity, will be 50,000 gallons. The proposed maximum daily waste acceptance rate is 50,000 gallons per day.

3.0 GENERAL LOCATION MAPS [330.61 (c)]

The General Location Map is presented as Figure 1 in Part II. This map is used to present the following described features, to the extent they exist within the distances from the proposed facility as defined by 30 TAC 330.61(c). For clarity, certain of these features are presented elsewhere in this permit application. The prevailing wind direction with a wind rose is presented on Figure 2 of Part II.

There are no water wells on the proposed site or within 500 feet of the proposed permit boundary, except for temporary piezometers and / or groundwater monitoring wells that were installed as part of the development of this permit application. There is one water well within two miles of the proposed site, located about 1,575 feet southwest of the site. This is the water supply well for the ranch. Its location is shown on Figure 1 in Part II.

There are no structures and inhabitable buildings within 500 feet of the proposed facility. There are several structures and inhabitable buildings about 2,100 feet from the facility; these are shown on Figure 1 of Part II. These include two houses, one mobile home, and several ranch buildings (one machine storage building and two sheds used as stables). On occasion, one travel trailer may also be temporarily parked in this area. All residents of these structures are ranch workers employed by Yugo Ranch.

There are no schools, licensed day-care facilities, churches, or cemeteries within one mile of the facility. Several man-made ponds (stock tanks) exist within one mile of the site, and these are shown on the map. There are no other residential, commercial or recreational areas within one mile of the facility, so none are shown; there also are no hospitals in this area. The nearest known airport used for commercial or general aviation is the Laredo International Airport, located more than 20 miles west of the facility.

The location and surface type of roads that will be used to access the facility are shown.

The latitude and longitude of the facility is shown.

Area streams are shown.

There are no airports within six miles of the facility, so none can be shown.

The property boundary of the facility is shown.

Easements within or adjacent to the facility cannot be clearly shown on Figure 1 of Part II. Consequently, for the sake of clarity, all known easements are shown on Figure 4 of Part I. Figure 4 was prepared by Mejia Engineering Company, and consists of Sheets 1 to 4 of 4.

12.0 ABANDONED OIL AND WATER WELLS [330.61 (I)]

Abandoned Oil Wells - The area around the proposed landfill site on the Yugo Ranch has been drilled for oil and gas. However, there are no active wells within the proposed landfill footprint or facility site and only one abandoned and plugged gas well. Records of the oil and gas wells were obtained from the Railroad Commission of Texas (RRT). A map of the active and plugged wells was obtained and used as a reference. The approximate location of this plugged and abandoned well can be seen on Plate 4 of Appendix III-E.1 in Part III. See Attachment I in Part II for an owner's affidavit regarding the plugging and abandonment of this well. Gathering lines do crisscross the proposed landfill site; thus, if a waste disposal permit is received, these lines will have to be abandoned and relocated as necessary. Future drilling for mineral resources beneath the landfill will use deviated drilling techniques from surface locations outside the footprint of the proposed landfill.

Abandoned Water Wells – There are no abandoned water wells at the facility.

13.0 FLOODPLAINS AND WETLANDS STATEMENT [330.61 (m)]

Portions of the proposed facility are currently located within the 100-year floodplain, as indicated on the replication of the most current available floodplain map, or Flood Insurance Rate Map (FIRM), presented in Figure 11. An independent comprehensive storm water management system of dikes, drainage channels and detention ponds has been designed to remove areas of the site proposed for the landfill, processing and storage areas and related development from the 100-year floodplain. All the necessary hydrological and hydraulic engineering analysis and results to support the engineering design, along with an application for a Conditional Letter of Map Revision (CLOMR) were submitted to the Webb County Planning Department (WCPD) for review and were approved (see Attachment G). WCPD is the local agency responsible for floodplain management. With concurrence from the WCPD, the CLOMR application was submitted to the Federal Emergency Management Agency (FEMA) for review and approval. The CLOMR, approved on November 21, 2014, verifies that the proposed CLOMR system drainage plans will, in fact, remove areas of the site proposed for the landfill, processing and storage areas and related development from the 100-year floodplain. The design of the proposed landfill and related appurtenances to be provided in Part III of the Application will include a separate, comprehensive storm water management system of dikes, drainage channels and detention ponds.

Any reduction of the permit boundary area will have no effect on the CLOMR application. The CLOMR, as submitted to FEMA, has not changed from that approved by the WCPD and will effectively remove the area of the proposed landfill and buildings from the 100-year floodplain.

Construction of the landfill will impact a named reservoir, Burrito Tank, and possibly several smaller stock tanks. All affected reservoirs are owned by the applicant or by its parent, Rancho Viejo Cattle Company, Ltd. In order to approximate effects of the tanks, storage and discharge relationships were developed and utilized for simulation of the pre-project conditions in the CLOMR analysis. Therefore, all existing features were included in the pre-project conditions analysis. It should be noted that, after reviewing the delineation of the FEMA floodplain with respect to the tanks, the tanks will likely not have any significant attenuation effect on the peak discharge. The 100-year flood is so broad in the vicinity of the tanks it appears there is sufficient area to carry the flows which will bypass the tanks' zones of impact.

The proposed landfill is located in an ideal location considering soil, groundwater, land use, and oil and gas activities (past, present, and future). No other location is equally plausible. It is difficult to find an area of appropriate size in Eastern Webb County that does not have floodplain issues due to the prevailing flat topography and rapid runoff soil

Attachment I

Oil Well Affidavit

AFFIDAVIT OF CARLOS Y. BENAVIDES, III

STATE OF TEXAS

§

COUNTY OF WEBB

§

§

BEFORE ME, the undersigned and authorized authority, personally appeared Carlos Y. Benavides, III, who being duly sworn on his oath, did depose and say as follows:

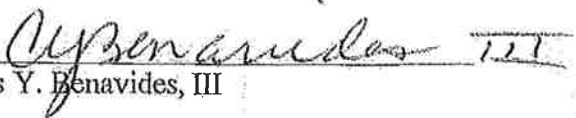
1. "My name is Carlos Y. Benavides, III, I am over 21 years of age and I am competent to make this Affidavit. All statements made herein are true and correct and within my personal knowledge.

2. I am the Manager of Applicant, Rancho Viejo Waste Management, LLC, which is the owner of the property where the Pescadito Environmental Resource Center in Webb County, Texas will be located.

3. As an owner of the property where the Pescadito Environmental Resource Center is to be located, I am aware that Conoco, Inc. had drilled a well on the property in 1980. This well is referred to by the Railroad Commission of Texas as the Caprice (Walker Lobo). The well was plugged in 1984.

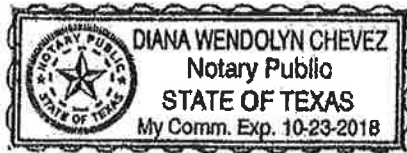
4. I have reviewed the attached Railroad Commission of Texas documents (Exhibit "A") regarding such well and I am of the belief that the well has been properly capped, plugged, and closed in accordance with all applicable rules and regulations of the Railroad Commission of Texas.

FURTHER, AFFIANT SAYETH NOT:



Carlos Y. Benavides, III

SWORN TO AND SUBSCRIBED before me on the 20th day of April 2015.



Diana Wendolyn Chevez
NOTARY PUBLIC, STATE OF TEXAS

0001685602

II #

092952

D

Bumberg No. 5137

0001 5603

Form 7-80
Rev. 6/79

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Producer's Certificate of Compliance and Authorization to Transport Oil and/or Casinghead Gas From an Oil Lease or Gas and/or Condensate from a Gas Well.		MHC District 4
		RRC Oil Lease No.
Operator Name (as per RRC Form 7-80) <u>CARRICE (WALKER-LOBO)</u>	Lease Name <u>ROSA V. BENAVIDES - B</u>	RRC Use Well No. No. 9248
Operator Name <u>CONOCO INC</u>		Gas Well No. 3
Address <u>P.O. BOX 2226</u>		Effective Date 4-15-81
City, State, Zip Code <u>CORPUS CHRISTI, TEXAS 78403</u>		County Webb
Location (Section, Block, and Survey) <u>See III, J, Revent Survey, A-1616</u>	Distance and Direction to nearest town in this county. <u>10 Miles NW from Aquilares Texas</u>	

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The number of all three of the above must be furnished for all gas sold.

Name <u>UNITED TEXAS TRANSMISSION COMPANY U.T.C.</u>	RRC USE ONLY <u>100</u>	INDICATE MARKET <input checked="" type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	Interstate Interstate <input checked="" type="checkbox"/> Interstate <input type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Nominator
Address <u>P.O. BOX 1478</u>			
City, State, Zip Code <u>HOUSTON, TEXAS 77001</u>			
Name	RRC USE ONLY	INDICATE MARKET	Interstate Interstate
Address		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code			
Name	RRC USE ONLY	INDICATE MARKET	Interstate Interstate
Address		<input type="checkbox"/> Gas Well Gas <input type="checkbox"/> Full Well Stream <input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
City, State, Zip Code			

OIL OR CONDENSATE GATHERER

Name <u>Tesoro Crude Oil Company</u>	RRC USE ONLY <u>100</u>	<input type="checkbox"/> Oil <input checked="" type="checkbox"/> Condensate
Address <u>8700 Tesoro Drive</u>		
City, State, Zip Code <u>San Antonio, Texas 78286</u>		
Name	RRC USE ONLY	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
Address		
City, State, Zip Code		

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well. Form W-1 (Application for Permit to Drill, Deepen, or Plug Back) filed in the name of:
CONOCO INC Operator ROSA V. BENAVIDES - B Lease

Change of Gatherer Change of Purchaser Change of Nominator

Change field name from _____

Change operator name from _____

Change lease name from _____

Consolidation or subdivision of lease (Attachments required - See instructions.)

Previous Form 7-4 approval date if filed (or prior SW-1 number) _____ mo. day yr. SW-1 Number or Date

REMARKS

AUTHORIZATION BY CURRENT OPERATOR
The undersigned certifies that the above agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further notice or until cancelled by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations, and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

4-15-81 Date O. P. Garza Signature O. P. GARZA - ANALYST Title (512) 884-0421 Area Code & Telephone No.

OPERATOR NAME CHANGE (Acknowledgment required on changes of operator.)
The undersigned, being the previous operator, has transferred operating responsibility on the above property.

Previous Operator _____ Signature _____

Address _____ Title _____

City, State & Zip Code _____ Date _____ Area Code & Telephone No. _____

If there are additional gatherers, purchasers, or nominators, check here [] and use reverse side of this form.
RRC (OC-5) OCT 79 File J.E. Aiken Dubont

ORIGINAL NOT LEGAL AT TIME OF FILING

016 5604

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form 1-1-82

Production Certificate of Compliance and Authorization to Leasing of Oil and Gas and to Comply with Laws of Oil and Gas and to Comply with Laws of Oil and Gas Well.

CAPRICE (WALKER-LOBO)

Lessee Name ROSA V. BENAVIDES - B

92952

CONOCO INC.

P.O. Box 2226

CORPUS CHRISTI, TEXAS 78403

SEC. III, T. POLIVENT SUR. A-1616

10 MILES NW FROM AGUILARES TX

NOTE: The names of all three of the above must be furnished for all gas wells

Name UNITED TEXAS TRANSMISSION COMPANY	RRC USE ONLY 100 of the	INDICATE MARKS <input checked="" type="checkbox"/> All Well <input checked="" type="checkbox"/> Strip <input checked="" type="checkbox"/> Geological <input checked="" type="checkbox"/> Gas	Indicate <input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Operator
Address P.O. Box 1418 HOUSTON, TEXAS 77001			
Name	RRC USE ONLY	INDICATE MARKS	Indicate
Address		<input type="checkbox"/> All Well <input type="checkbox"/> Strip <input type="checkbox"/> Geological <input type="checkbox"/> Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Operator
City, State, Zip Code			
Name	RRC USE ONLY	INDICATE MARKS	Indicate
Address		<input type="checkbox"/> All Well <input type="checkbox"/> Strip <input type="checkbox"/> Geological <input type="checkbox"/> Gas	<input type="checkbox"/> Gatherer <input type="checkbox"/> Purchaser <input type="checkbox"/> Operator
City, State, Zip Code			

OIL OR CONDENSATE GATHERER

Name CONOCO INC.	RRC USE ONLY 100 of the	Indicate <input checked="" type="checkbox"/> Gatherer <input checked="" type="checkbox"/> Purchaser <input checked="" type="checkbox"/> Operator
Address P.O. Box 249 FALLS CITY, TEXAS 78113		
City, State, Zip Code		

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well. Files W-1 Application for Permit to Drill, Deepen or Plug back filed in the name of:

Operator: Change of Gatherer | Change of Purchaser | Change of Operator

Change hold name from _____

Change operator name from _____

Change lease name from _____

Consolidation or subdivision of lease (Attachments required - see instructions.)

Approval date if filed for prior SW-1 used: **5-12-81**

CONDENSATE GATHERER CHANGED TO CONOCO INC.

ALL INFORMATION BY CURRENT OPERATOR

I hereby certify that the above information is a true and correct copy of the information as shown described in the application for the change of operator. This information was obtained from the operator and I have verified the same to the best of my knowledge and belief. I am a duly qualified and licensed geologist in the State of Texas and I am not a party to this application.

12-11-81 **O.C. GARZA** ANALYST

FOR NAME CHANGE (As a condition of this change of operator, the previous operator, being the previous operator, has transferred ownership of the lease to the new operator.)

Signature: _____ Title: _____

Address: _____ City: _____ State: _____

ORIGINAL NOT LEGAL AT TIME OF FILING

DEC 21 1981

J.C. Bouldin DEC 28 1981

(512) 983-0421

DEC 30 1981

RRC (CC-5) J.E. RITKEN OCG

GAS LEASES FOR PURCHASER AND NOMINATOR		RRC USE ONLY	
Name	Address	of the	<input type="checkbox"/> Gas Well <input type="checkbox"/> Full Well <input type="checkbox"/> Stream <input type="checkbox"/> Coal <input type="checkbox"/> Gas
City, State, Zip Code			<input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Name	Address	of the	<input type="checkbox"/> Gas Well <input type="checkbox"/> Full Well <input type="checkbox"/> Stream <input type="checkbox"/> Coal <input type="checkbox"/> Gas
City, State, Zip Code			<input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator
Name	Address	of the	<input type="checkbox"/> Gas Well <input type="checkbox"/> Full Well <input type="checkbox"/> Stream <input type="checkbox"/> Coal <input type="checkbox"/> Gas
City, State, Zip Code			<input type="checkbox"/> Purchaser <input type="checkbox"/> Nominator

OIL OR CONDENSATE GATHERER

Name	Address	of the	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
City, State, Zip Code			
Name	Address	of the	<input type="checkbox"/> Oil <input type="checkbox"/> Condensate
City, State, Zip Code			

INSTRUCTIONS

- Each and every operator of oil, gas and/or condensate gathering properties in the State of Texas shall file with the proper RRC District Office three (3) copies plus one additional copy for each gatherer shown on this form authorizing the gatherer (whether himself or someone else) to transport the oil, gas and/or condensate from the production of such production. If the final purchaser and/or nominator for gas is different from the gatherer, an additional copy must be filed for each purchaser and nominator named on this form.
- Authorization is required for each person or gatherer transporting oil, gas and/or condensate from an oil lease or gas well. In the case of a split connection, the person in charge of oil, gas and/or condensate each gatherer is authorized to transport shall be shown.
- Each operator shall file a separate form for each oil lease or gas well listing all authorized gatherers for that oil lease or gas well on one form. Also, the names and addresses of the first purchaser and nominator must be furnished for all gas wells from the oil lease or gas well. Effective date is required, to be shown on all changes, but not necessary on new lease or well.
- No oil, gas and/or condensate shall be moved from any oil lease or gas well until this form is completed and filed with the proper RRC District Office.
After the RRC person in charge has approved this form, two (2) copies will be retained by the RRC and the remaining copies will be distributed to the gatherer and to each purchaser, purchaser, and nominator.
- After an operator has filed this form with the RRC, then by establishing himself as the current operator, it shall bind said operator until cancelled by him or herself by the RRC. A new Form 9-d shall be filed if there is: (a) change of operator, (b) change in gatherers, (c) change in full name, (d) change in lease name, (e) change in purchaser or gas, (f) change in nominator for gas, (g) consolidation or subdivision of leases, or (h) authorization to transport production has been cancelled by the RRC. See page 10 of the RRC Form 9-d for more information. This form shall be filed with the RRC **BEFORE** any production is transported from the lease or well. The operator shall be responsible for the accuracy of the information with respect to the information on the form.
- If the form is filed by a gatherer, the operator shall be the gatherer. If the gatherer is not the operator and will operate the well, the operator shall be the gatherer. The form shall be filed with the RRC and completed. Authorization to the gatherer shall be the new current operator. The previous operator is required to provide the RRC with the name of the gatherer and the RRC records will be changed.
- This authorization may be revoked by the RRC at any time for failure to comply with the rules and regulations of the State of Texas in connection with the operation of the oil and gas industry in the State of Texas.

NOTE: FILING OF FORM 9-D IS MANDATORY FOR ALL OPERATORS WHOSE OPERATING NAME IS REQUIRED FOR ALL NEW OPERATIONS AND FOR ALL EXISTING OPERATIONS.

OTHER SPACES IN THE LIMITATION FOR OPERATIONS AS LISTED ABOVE. APPLICATIONS SHOULD BE USED IF NECESSARY TO CORRECT KNOWLEDGE OF INFORMATION.

0001 **BROAD COMMISSION OF TEXAS**
Oil and Gas Division

FORM 1

Producer's Certificate of Compliance and Authorization to Transport Oil and or
Casinghead Gas from an Oil Lease or Gas and or Condensate from a Gas Well

HW Exhibit No	04
Oil Lease No	
Gas Well ID No	022952
Gas Well No	3
Effective Date	October, 1983
County	Webb

Tract Name (as per HRC records)	Lease Name
CARRICE (WALKER-LOMO)	ROSA Y. BENAVIDES - B
Operator's Name	
Conoco Inc.	
Address	
P. O. Box 2226	
City, State, Zip Code	
Corpus Christi, Texas 78403	
Location (Section, Block and Survey)	Latitude and direction to nearest town in this county
SEC. 11, T. PRITEVENT SUE. A-1616	10 MI NN FROM AGUILARES

GAS GATHERER, PURCHASER, AND NOMINATOR
NOTE: The names of all three of the above must be furnished for all gas sold.

Name	RRC USE ONLY	INDICATE MARKET	Integrate	Integrate
Tennessee Gas Pipeline Company	Tennessee	<input checked="" type="checkbox"/> Gas Well Gas	<input checked="" type="checkbox"/>	<input type="checkbox"/> Gatherer
Address	33.33	<input type="checkbox"/> Full Well Streams	<input type="checkbox"/>	<input checked="" type="checkbox"/> Purchaser
P. O. Box 2511	of the	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input checked="" type="checkbox"/> Nominator
City, State, Zip Code				
Houston, Texas 77001				
United Texas Transmission Company	United Texas	<input checked="" type="checkbox"/> Gas Well Gas	<input type="checkbox"/>	<input type="checkbox"/> Gatherer
Address	66.67	<input type="checkbox"/> Full Well Streams	<input type="checkbox"/>	<input checked="" type="checkbox"/> Purchaser
P. O. Box 1478	of the	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input checked="" type="checkbox"/> Nominator
City, State, Zip Code				
Houston, Texas 77001				
United Texas Transmission Company	United Texas	<input checked="" type="checkbox"/> Gas Well Gas	<input type="checkbox"/>	<input type="checkbox"/> Gatherer
Address	100	<input type="checkbox"/> Full Well Streams	<input type="checkbox"/>	<input checked="" type="checkbox"/> Purchaser
P. O. Box 1478	of the	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/>	<input type="checkbox"/> Nominator
City, State, Zip Code				
Houston, Texas 77001				

OIL OR CONDENSATE GATHERER

Name	RRC USE ONLY	
Conoco	Conoco	<input type="checkbox"/> Oil
Address	100	<input checked="" type="checkbox"/> Condensate
P. O. Box 2511	of the	
City, State, Zip Code		
PALM SPRING, TEXAS 75113		
Name	RRC USE ONLY	
Address		<input type="checkbox"/> Oil
City, State, Zip Code		<input type="checkbox"/> Condensate

INDICATE PURPOSE OF FILING

New Oil Lease or Gas Well Form W-1 Application for Permit to Drill (except if this check filed in the name of Operator)

Change of Operator Change of Purchaser Change of Nominator

Change field name from _____

Change operator name from _____

Change lease name from _____

Consolidate or's Acquisition of lease (Attachments required) See HRC Form 1

Lease is Form W-1 Application of first or prior SW 1 number: **50181** SW 1 Number of this: _____

TO SIGN: _____

FOR RRC USE ONLY
Field No. _____
Operator No. _____
Assigned: **J. C. Bouldin**
OCT 12 1983

AUTHORIZATION BY CURRENT OPERATOR
The undersigned certifies that the lease agent is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property in accordance with the regulations of the Railroad Commission of Texas, and that this authorization will be valid until further order is made by the Railroad Commission of Texas, and the undersigned further certifies that the conservation laws of the State of Texas and all rules, regulations and orders of the Railroad Commission of Texas have been complied with in respect to the property covered by this report.

9/23/83 **O. C. Garza** **Sr. Adm. Analyst** **(512) 854-0421**
Signature Title Telephone No.

OPERATOR NAME CHANGE Acknowledgment required on changes of operator. The undersigned being the previous operator, has transferred operating responsibility on the above property.

Previous Operator: _____ Signature: _____

Address: _____ Title: _____

City, State: _____ Area Code: _____
Zip Code: _____ Telephone No: _____

If there are additional gatherers, purchasers or nominators check here and use reverse side of this form.

Corpus Christi 4-3 5606
 Ticket # 7919

Plugging Record

**RAILROAD COMMISSION OF TEXAS
 OIL AND GAS DIVISION**

FORM W-3
 Rev. 10/78

FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

1. FIELD NAME (as per MMC Record): **CARRICE (WALKER-1000)**

2. OPERATOR: **CONOCO INC.**

3. ADDRESS: **P.O. Box 2226, Corpus Christi, TX 78403**

4. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located: **2500 Feet From FE Line and 1700 Feet From FN Line of the ROSA BENAVIDES "B" Lease.**

5. SECTION, BLOCK, AND SURVEY: **Sec. III, J. POLIVANT SURV., A-1614**

6. Type Well (Oil, Gas, Dry): **GAS**

7. Casing Depth: **9200'**

8. If Gas, Amt. of Gas in Hand at time of Plugging: _____

9. Lease Name: **ROSA V. BENAVIDES "B"**

10. County: **WEBB**

11. Date Drilling Permit Issued: **6-25-81 (Amended)**

12. Permit Number: **100418**

13. Date Drilling Commenced: **12-7-80**

14. Date Drilling Completed: **2-13-81**

15. Date Well Plugged: **5-18-84**

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
19. Cementing Date:	5-18-84	5-18-84	5-18-84					
20. Size of Hole or Pipe in which Plug Placed (inches):	5 1/2	13 3/4	5 1/2					
21. Depth to Bottom of Tubing or Drill Pipe (ft.):	7900	1237	140					
22. Sacks of Cement Used (each plug):	20	400	15					
23. Slurry Volume Pumped (cu. ft.):	21.2	424	15.9					
24. Calculated Top of Plug (ft.):	7800	0	3					
25. Measured Top of Plug (if tagged) (ft.):								
26. Slurry Wt. (lb./gal.):	16.4	16.4	16.4					
27. Type Cement:	H	H	H					

28. CASING AND TUBING RECORD AFTER PLUGGING

SIZE: WT. (LBS.)	WT. (LBS.)	WT. (LBS.)	WT. (LBS.)	WT. (LBS.)
13 3/4, 54.5	1237	1237	17 1/2	
9 5/8, 26.0	7100	7100	12 1/4	
5 1/2, 17.0	9200	9200	8 1/2	

29. If casing is shown to "Yes" grade down to top of "junk" left in hole and briefly describe the condition of the well. Also Reverse Side of Form if more space is needed.

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

FROM	TO	FROM	TO
FROM 7074	TO 8092		
FROM	TO	FROM	TO
FROM	TO	FROM	TO
FROM	TO	FROM	TO
FROM	TO	FROM	TO

I have knowledge that the plugging operations, as reflected by the information found on this form, were performed as indicated by such information. I have to the best of my knowledge compiled by Cementing Company. Items not so designated shall be completed by Operator.

Signature of Cementer or Authorized Representative: *[Signature]* Name of Cementing Company: **Halliburton Services**

CERTIFICATE: I declare under penalties prescribed in Sec. 9119, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature: *[Signature]* DATE: **10-15-84** Phone: **512 854-0421**



SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

Set 400 sk cmt between 13 3/8" and 9 5/8" csg from 1237- SURFACE.

479-32901

RRC (CC-2) OCG FILE (2) **MAPPING**

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1. One Well, Pool or Multiple Location System, Yes No How was Mud Applied? **Pumped**
2. Well Depth **9200'** 3. Have all Abandoned Wells in this Lease been Plugged?
4. Name and Address of Surface Owner of Well Site and Operator of Office of Oil and Gas Lease

5. Length of Plug **100'**
6. Name and Address of Company who mixed and pumped cement plug in this well **HALLIBURTON SERVICES, P.O. Box 3350, LAREDO, TX 78044-3350**
7. Date and Method of Plugging

10. Was Notice Given Before Plugging (a - Each of 1c Above)?

FILL IN BELOW FOR DRY HOLES ONLY
11. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radiometric or Acoustical/Sonic Log or each Log must be attached to a Certificate of Log Service
 Log Attached Log released to _____
Type Log: Driller's Electric Radiometric Acoustical/Sonic

12. Date FORM D-26 (Special Clearance) Filed?
13. Amount of Oil produced prior to plugging _____
14. Date FORM D-26 (Oil Produced Prior to Plugging) Filed?

BRC USE ONLY
Nearest Port

REMARKS

Concrete PII in shaded areas
Operator PII in other items

Conoco
Well No. 103 6 0 7
Ticket 961

Form W-10
Cementing Report
Rev. 4/1/75
40-00

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator Name (See also Form P-5 Organization Report) CONOCO INC.	2. RRI License No. 172230	3. RRI District No. 4	4. Locality of Well Site W600
5. Field Name (Wellhead or exactly as shown on RRI records) CAPRICE (WALKER "LOBO")	6. API No. 42	7. Drilling Permit No.	
8. Lease Name ROSA V. BENAVIDES "B"	9. Title 17 Case No.	10. Oil Lease Case No. 092952	11. Well No. 3

	CASING CEMENTING DATA	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		BEST STAGE CEMENTING PROGRAM	
				Single String	Multiple Parallel Strings	Tool	Shot
12	Presenting Date						
13	Drilled hole size						
	Ex. & wash or hole enlargement						
14	Size of casing (in. O.D.)						
15	Type of liner (in.)						
16	Setting depth (ft.)						
17	Number of cementizers used						
18	Dry weighting on cement before shut out						
1st Slurry	19. Additives used	No. of sacks					
		Class					
		Additives					
2nd Slurry		No. of sacks					
		Class					
		Additives					
3rd Slurry		No. of sacks					
		Class					
		Additives					
1st	20. Slurry pumps	Volume (cu ft.)					
		Height (ft.)					
2nd		Volume (cu ft.)					
		Height (ft.)					
3rd		Volume (cu ft.)					
		Height (ft.)					
Total		Volume (cu ft.)					
		Height (ft.)					
21	Was cement circulated to ground surface (or bottom of roller) outside casing?						
22	Remarks						



1-092952

OVER ▶

COMMENTS TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
24. Cementing date	5-18-84		5-21-84					
25. Size of hole or pipe (plug) (in)	5 1/2	12 1/4 : 9 1/2	5 1/2					
26. Depth to bottom of tubing or drill pipe (ft)	7900	1237	140					
28. Grade of cement used (each plug)	20	400	15					
27. Slurry volume pumped (cu ft)	21.2	424	15.9					
29. Calculated top of plug (ft)	7500	0	3					
30. Measured top of plug, if logged (ft)								
31. Slurry wt. (lb/gal)	16.4	16.4	16.4					
32. Type cement	H	H	H					

CEMENTER'S CERTIFICATE. I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was properly read by me or under my supervision, and that the cementing date and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Collis Odom (Cementer) Halliburton Services Collis Odom
Name and title of cementer's representative Cementing Company Signature

P.O. Box 3350 Laredo, Texas 78046-3350 512-723-2992 5-18-84
Address City, State, Zip Code Tel. Area Code Number Date: mo. day yr.

OPERATOR'S CERTIFICATE. I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification that I have knowledge of the well data and information presented in this report and that data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

S.A. EURANK ANALYST S.A. EURANK
Typed or printed name of operator's representative Title Signature

P.O. Box 2226 CORPUS CHRISTI, TX 78403 512/854-0421 10-15-84
Address City, State, Zip Code Tel. Area Code Number Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 13 (Water Protection), 13 (Using Cementing, Drilling and Completion) and 14 (Well Plugs) etc. For offshore operations see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one Form W-15 should be filed with the following:

- An initial oil or gas completion report Form W-2 or G-1 as required by Statewide or special field rules.
- Form W-4 Application for Multiple Completion if the well is a multiple parallel casing completion, and
- Form W-3 Plugging Record, unless the W-15 is signed by the cementing company representative. When reporting dry holes operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface casing. An operator must seal and cement sufficient surface casing to protect all suitable quality water strata, as defined by the Texas Department of Water Resources. As to: Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth, without prior approval from the Commission.

D. Centralizers. Surface casing centralizers used at the shoe above and below a stage collar are constructed from and through suitable quality water zones. In rock strata that are a centralizer is to be placed from the cement shoe in the ground surface to the top of the casing. All centralizers must cover all suitable zones.

E. Exceptions and alternative casing programs. The purpose of the transitional exception to the requirements of Statewide Rule 13 is to allow a written application an operator must state the reasons for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing suitable quality water. The District Director may approve, modify or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements operators should consult Statewide Rule 13 (b)(1), and 14.

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or island wells a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

PO 0 0 15595 3250 8

Form O-1
Rev. 6/18/76
NR# 4
NR# 4
Serial # 92952

**GAS WELL BACK PRESSURE TEST
COMPLETION OR RECOMPLETION REPORT AND LOG**

ROSA V. BENAVIDES CAPRICE (WALKER-LOG) BENAVIDES ROSA V. BENAVIDES-B
CONOCO INC.
P. O. BOX 2226. CORPUS CHRISTI. TEXAS 78403

LOCATION: Sec 111, J Poitevent Sur, A-1616 110 M. NW from Aquilanes, Texas

UNITED TEMS TRANSM Co

APR 1 1981

(New Well)

Completion Date
2-13-81

GAS MEASUREMENT DATA

Date of Test	Time	Pressure (psi)	Flow Rate (MCF/DAY)	Temperature (°F)	Specific Gravity	Gas Density (lb/ft³)	Gas Volume (MCF)	Gas Weight (lb)	Gas Production (MCF)	
2-13-81	2.900	1.250	10082.50	715	87.00	84	0.9777	0.9652	1.063	2523
	2.900	1.250	10082.50	710	63.00	95	0.9680	0.9652	1.055	2102
	2.900	1.250	10082.50	700	25.40	99	0.9645	0.9652	1.055	1320
	2.900	1.250	10082.50	695	9.00	97	0.9662	0.9652	1.055	785

FIELD DATA AND PRESSURE CALCULATIONS

0.644	57.5	29,416	0.733	159	244	8083
10.806	622	24.94	5924.84	76.97		

$-1118 \times 10.806 / 24.94 = 484.41$
 $76.97 / 484.41 = .1589$

Time	Pressure (psi)	Flow Rate (MCF/DAY)	Temperature (°F)	Specific Gravity	Gas Density (lb/ft³)	Gas Volume (MCF)	Gas Weight (lb)
24 HRS	4665	74	10693	400.9	160.7	3294	0.9927
120	12/64	3270	80	10693	400.9	3294	0.9927
75	10/64	3540	80	12532	334.0	3556	0.9955
75	8/64	3944	80	15555	209.7	3950	0.9985
60	6/64	4205	80	17682	124.7	4287	0.9995

Pressure (psi)	Flow Rate (MCF/DAY)	Temperature (°F)	Specific Gravity	Gas Density (lb/ft³)	Gas Volume (MCF)	Gas Weight (lb)
0.1794	1.0241	1.2017	5606	31427	45°	
0.9964	0.1779	1.1729	4058	16467	1.000	
0.9978	0.1782	1.1406	4358	18992	12435	
0.9993	0.1785	1.0962	4004	23078	8349	5,250 MCF/DAY
0.9998	0.1785	1.0712	5093	25939	5488	

A completion survey has been run in accordance with State of Texas Rule 11 and the results are available upon request. Maximum horizontal displacement was _____ feet at a wellhead depth of _____ feet.

W-12 Attached

Signature of Authorized Representative _____ Name of Company Conducting Survey _____
 I hereby certify that the completion operations as reflected on the report attached and on the reverse side of this form, were performed in accordance with such information.

W-15's Attached

Signature of Cementor or Authorized Representative _____ Name of Cementing Company _____

I hereby certify that the completion operations as reflected on the report attached and on the reverse side of this form, were performed in accordance with such information.

O. G. ...
 RRC (CC-2) JRP JTS OCG File REV CASEY DUPONT OGE UNRCD TEMS
 APR 4 1981
 884-0421

NFD 4/28/81 J.C.J

VALID PERMIT
Production Allowance

DATA ON WELL COMPLETION AND LOG (Not Required on Water)

Well No. **X** Direction **320** Day Date **11-25-80** Other **100412**

CONDOR ITC

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100

GR 539' RKB 561
8074 9200 9155

2500 Feet From **EAST** 1200 Feet From
NORTH Loc of the **ROSA V BENAVIDES-B** Lease

12-9-80 2-13-86
12-5-80

Name of Drilling Contractor
RESOURCE DRILLING COMPANY

CASING RECORD (Repeat All Strings Set in Wells)

CASING SIZE	WT. LBS. PER FT.	DEPTH SET	MILL. STAGG. THRO. DEPTH	TYPE & AMOUNT CEMENT (Sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
13 3/8"	54.5#	1237	-	H 890	17 1/2"	Surface	1451.4
9 5/8"	36#	7100	-	H 1015	12 1/4"	2758	1355.9
5 1/2"	17.10#	9200	-	H 2400	8 1/2"	Surface	2846.0

LINER RECORD

Size	Top	Bottom	Sacks Cement	Screen

TUBING RECORD

Size	Depth Set	Packer Set	From	To
2 7/8"	7900	7900	8074	8092

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used

FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATIONS ON TOPS)

Formations	Depth	Formations	Depth
W. West	8074		
Labo-6	8457		
W. 2nd	8760		

REMARKS: Large 2 7/8" tubing

0.0.0 1.6 5-6.9

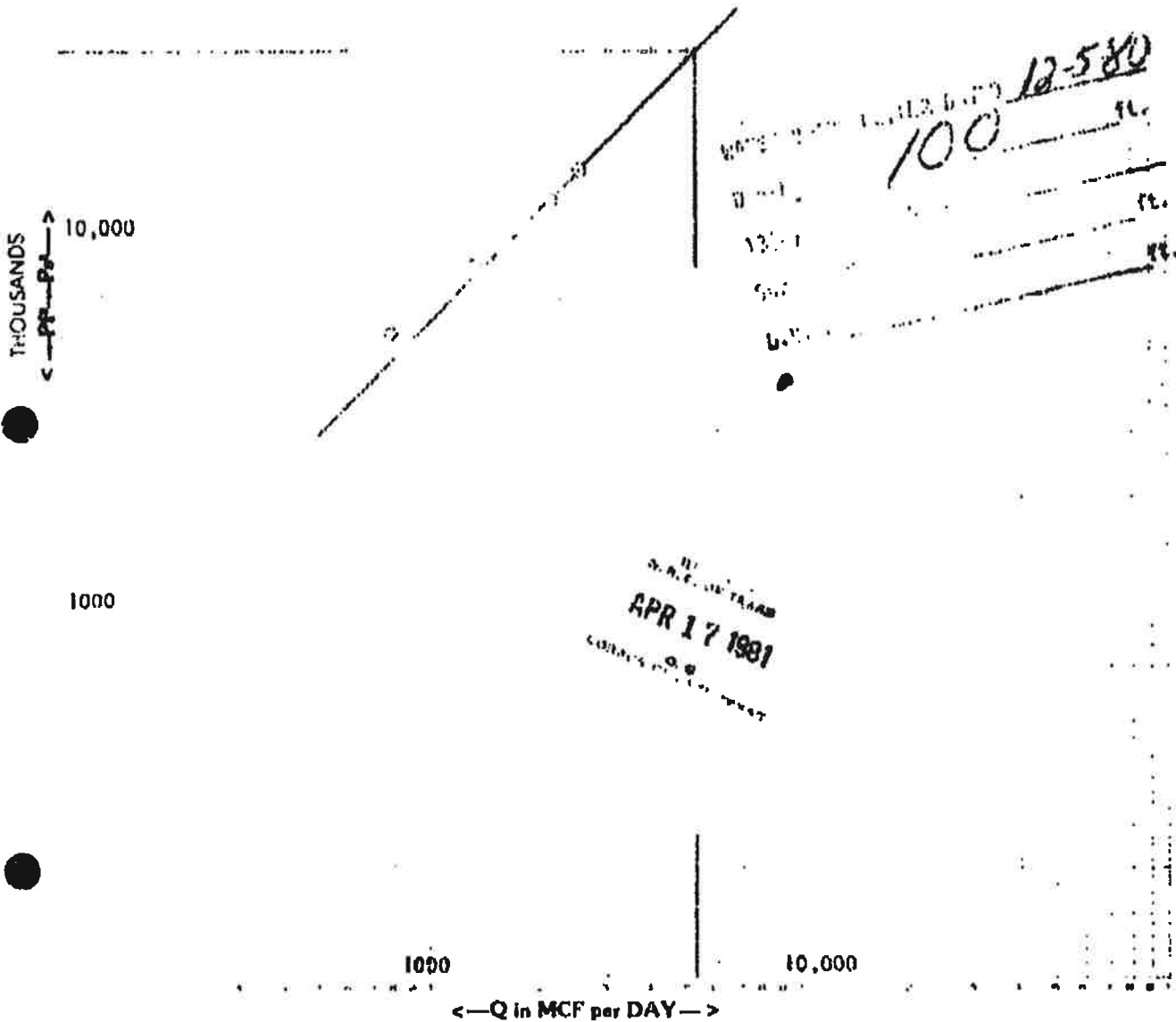
(Pressure)

CARRIAGE CURVES
Field ROSA V. DENAVIDES

**GAS WELL
BACK PRESSURE CURVE**

County WEBB
Operator CONOCO INC.
Lease ROSA V. DENAVIDES - 13 R
Volume 5.250
Date Tested 2-13-81

Well No. 3
MCF/24 hr.



⊖ = 45° ■ = 1.000

FESCO, Inc.

ARC (pc. 2) JWP OCG File 207ant

FILED 01-7

00016 5610

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form G-5
Rev. 12-31-79

GAS WELL CLASSIFICATION REPORT

1. WELL NAME as per RRC Records: Proposed
CARRICE (WALKER-LOGO)

2. LEASE NAME: ROSA V. BENAVIDES E
BENAVIDES "B"

3. OPERATOR:
CONOCO INC.

4. ADDRESS:
P.O. BOX 2226, CORPUS CHRISTI, TEXAS 78403

5. LOCATION (Section, Block, and Survey):
Section III, J. Poitevent Survey, A-1616
Regulate Land Use as of this

UNITED TEXAS TRANSMISSION COMPANY

7. RRC District: **4**

8. RRC Identification Number:

9. Well Number: **3**

10. County: **WEBB**

11. Wellhead Fee: **SALE**

12. Acres Allowed to this Well: **40**

Section I PRODUCTION TEST AT RATE ELECTED BY OPERATOR (Data on 24-hour basis)

A. Test Volume: **2523** MCF

B. Test Interval Volume: **85.77** HRS

C. Gas to Oil Ratio (Test Interval): **29,416** CF/BBL

D. Flowing Tubing Pressure: **3270** PSI A

E. Sealing Pressure: **SEALD** (PSI)

F. Color of Liquid: **WTR. WHITE**

G. Gravity of Liquid: **57.5** API

H. Specific Gravity of the Gas (AIN): **.644**

Section II POTENTIAL TEST DATA

A. Shut-In Pressure (PSI): **5,250**

B. Date of Test: **2-13-81**

C. Shut-In Wellhead Pressure: **4665** (PSI) A

D. Length of Time Well Shut-In Prior to Test: **24** HRS.

Section III ASTM DISTILLATION OF LIQUID SAMPLE

Distillation Test as required only on gas wells producing with a fixed liquid rate of less than 100,000 cubic feet per barrel

DATE LIQUID SAMPLE OBTAINED: **2-13-81**

PERCENT OVER	TEMPERATURE (DEG. F.)
10	97
20	173
30	201
40	229
50	256
60	297
70	343
80	416
90	500
95	---
99	---
100	687

RECOVERY: **87.8%**

RESIDUE: **2.2**

LOSS: **10.0**

TOTAL: **100.0%**

REC'D BY FIELD
APR 17 1981

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

O. C. Garza
O. C. GARZA - ANALYST
DATE: **4-15-81**

Nancy Davis
SIGNATURE: **Nancy Davis**

DATE: **FEBRUARY 18, 1981**

TITLE: **FESCO, INC. - MANAGER**

DATE: **(512) 894-0421**

AREA CODE AND TELEPHONE NUMBER: **(512) 724-7501**

RRC (CC-2) JRP OCG File D-108T

UNITED TEXAS

4-10
79952

INSTRUCTIONS

This report shall be filed in duplicate in the appropriate Railroad Commission District Office: (a) Upon completion of a gas well; (b) Upon reclassification of any well from oil to gas, or gas to oil, (c) And upon subsequent requests by the Railroad Commission.

NOTICE:

NO CONDENSATE OR CRUDE PETROLEUM WILL BE CLEARED FROM A GAS WELL UNTIL THIS REPORT HAS BEEN PROPERLY PREPARED, EXECUTED AND FILED.

Potential Test: The potential test data shown shall be that taken from a Railroad Commission test made during the latest semi-annual survey, or, if no test was made during such survey, data shall be taken from a test made by the operator not more than 30 days prior to the date on which this report is filed.

00016 5611

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form 0-12
(1-1-78)

INCLINATION REPORT

(One Copy Must Be Filed With Each Completion Report)

1. FIELD NAME (as per NRC Records or Wildcat) **CAPRICE (WALKER-LOBO)**
 2. LEASE NAME **Rosa V. Benavides - B.N. 101222**
 3. OPERATOR **CONOCO, INC.**
 4. ADDRESS **P. O. Box 2270, Corpus Christi, Texas 78403**
 5. LOCATION (Section, Block, and Survey) **Section 11, J Portevent Survey, A-1616**

6. NRC District **4**
 7. NRC Lease Number (On completion only)
 8. Well Number **3**
 9. NRC Identification Number (On completion only)
 10. County **Webb**

RECORDED
APR 17 1981

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
79	90	1/2	.87	.76	.79
147	67	1/2	.87	0	1.31
505	755	1/2	.87	1.00	4.40
751	246	0	---	---	4.40
951	203	0	---	---	4.40
1231	279	1	1.75	4.38	9.20
1775	642	1/2	.87	5.59	14.87
2375	500	1/2	.87	4.35	19.22
2736	361	1/2	.87	3.14	22.36
3265	529	3/4	1.31	6.93	29.29
3752	383	1/2	.87	4.20	33.49
4252	510	1/2	.87	4.44	37.93
4746	482	1-1/4	2.18	10.51	48.44
5236	336	1	1.75	8.68	57.12
5556	420	1-1/4	2.05	12.81	69.23
5923	167	2	3.49	5.23	75.76

If additional space is needed, use the reverse side of this form.
 17. Is any information shown on the reverse side of this form? Yes No
 18. Accumulative total displacement of well bore at total depth of **175.76** feet.
 19. Inclination measurements were made in Tubing Casing Open hole Drill Pipe
 20. Distance from surface location of well to the nearest lease line **467** feet.
 21. Minimum distance to lease line as prescribed by field rules **No** feet.
 22. Was the subject well at any time intentionally deviated from the vertical in any manner what's ever? **No**
 (If the answer to the above question is "yes", attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION
 I declare under penalties prescribed in Sec. 91.141, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all the data presented in this report, and that all data presented on hole, sides of the hole are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except information data as indicated by asterisks (*) in the item numbers on this form.
 Signature of Authorized Representative: **D. L. Rounds**
 Name of Person and Title (type or print): **D. L. Rounds, Vice President, General Mgr.**
 Name of Company: **Resource Drilling, Inc.**
 Telephone: **713 467-1631**
 Area Code:

OPERATOR CERTIFICATION
 I declare under penalties prescribed in Sec. 91.141, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all the data presented in this report, and that all data presented on hole, sides of the hole are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except information data as indicated by asterisks (*) in the item numbers on this form.
 Signature of Authorized Representative: **C. C. Garza**
 Name of Person and Title (type or print): **C. C. GARZA - ANALYST**
 Name of Company: **CONOCO INC.**
 Telephone: **512 884-0421**
 Area Code: **4-15-81**

Reserved Commission Use Only:
 Approved By: _____ Title: **Drilling Eng.** Date: **4-17-81**

Designated to be certified by company that conducted the inclination surveys
RRC (CC-2) OCG File DuPont

A. J. GIBBS

RECORD OF INCLINATION (Continued from reverse side)

11 Measured Depth (feet)	12 Course Length (in Hundreds of feet)	13 Angle of Inclinometer (degrees)	14 Displacement per Hundred Feet (Sine of Angle X 100)	15 Course Displacement (feet)	16 Accumulative Displacement (feet)
6773	250	1	1.74	43.5	97.35
6837	255	1	1.75	44.5	141.85
6901	275	1	1.82	49.9	191.75
7000	49	1	0.87	20.8	212.55
7245	145	1	1.25	30.8	243.35
7754	654	1	1.25	82.2	325.55
8400	616	1	1.25	77.0	402.55
8955	555	1	1.25	69.4	471.95
9200	200	1	1.39	27.8	500.75

If additional space is needed, attach separate sheet and check here _____

REMARKS: _____

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned (inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submission of the original charts, graphs, or plots, resulting from the surveys.

OIL AND GAS COMMISSION OF TEXAS

ORIGINAL NOT LEGIBLE
AT TIME OF FILMING

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form 5, 1964
(Rev. 11-1-63)

CEMENTING REPORT

*1. Field Name (see per RRC Records or Wellbore) CAPRICE (WALKER-LOBO) (Proposed)		*2. RRC District 4				
*3. Operator Conoco Inc.		*4. County Webb				
*5. Lease Name(s) and RRC Lease Number(s) or L. D. Number(s) BENAVIDES ROSA V. BENAVIDES - B		*6. Well Number 3				
*7. Location (Section, Block, and Survey) Section 11, J. J. Boitevent Survey, A-1616						
CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shot
*8. Cementing Date	12-8-80					
*9. (a) Size of Drill Bit (inches)	17 1/2					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.						
*10. Size of Casing (inches O.D.)	13 3/8					
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	1287					
*13. Type API Class Cement & Amount of Additives Used (a) in First (Lead) or Only Slurry (if additional space is needed, use "REMARKS" on reverse side.)	H + 8% Cel + 3% Salt					
(b) in Second Slurry	H + 2% CaCl ₂					
(c) in Third Slurry						
*14. Sacks of Cement Used (a) in First (Lead) or Only Slurry	590					
(b) in Second Slurry	300					
(c) in Third Slurry						
(d) Total Sacks of Cement Used	890					
*15. Slurry Volume per Sack of Cement (cu. ft./sack): (a) in First (Lead) or Only Slurry	1.86					
(b) in Second Slurry	1.18					
(c) in Third Slurry						
*16. Volume of Slurry Pumped; (cu. ft.) (from 14 & item 15) (a) in First (Lead) or Only Slurry	1097.4					
(b) in Second Slurry	354					
(c) in Third Slurry						
(d) Total Slurry Volume Pumped (cu. ft.)	1451.4					
*17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	2093.3					
*18. Was cement circulated to ground surface (or bottom of well) outside casing? (Yes or No)	YES					
CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
*19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
*22. Sacks of Cement Used (each plug)						
*23. Slurry Volume Pumped (cu. ft.)						
*24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

APR 17 1981

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)
 RRC (CC-2) JWP JBS OCG File Dupont-OVER -
 * Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

26. Remarks:

27. Remarks:

CEMENTING COMPANY

OPERATOR

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers cementing data only.

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

Juan A. Aviles
Signature of Cementer or Authorized Representative

O. G. Gilman
Signature of Operator or Authorized Representative

Juan A. Aviles - Service Supervisor
Name of Person and Title (type or print)

O. C. GARZA - ANALYST
Name of Person and Title (type or print)

The Western Company of North America
Cementing Company

CONOCO INC
Operator

P.O. Box 2159
Street Address or P.O. Box

P.O. Box 2226
Street Address or P.O. Box

Laredo, Texas

78041

CORPUS CHRISTI, TEXAS

78403

City, State

Zip Code

City, State

Zip Code

Telephone **512**
Area Code

724-7111

Telephone **512 884-0421**
Area Code

4-15-81

Dec. 8, 1980

Date

INSTRUCTIONS

1. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an Initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-1;
 - (3) Each copy of Form W-1 if a multiple parallel casing completion.
2. At least an original and one copy of this form shall be filed for each cementing company used on a well.
3. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
4. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 14(E).
5. If setting **FULL AMOUNT OF SURFACE CASING**:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
6. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION.
7. If setting **NO SURFACE CASING** (See Item 4 above.):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
8. If setting **SHORT SURFACE CASING** (See Item 4 above.):
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
9. Setting **PRODUCTION STRING OF Casing** (Statewide Rules; Special Rules may vary.)
 - A. Cement to a point at least 600 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
10. **PLUGGING and ABANDONING**
 - A. Cement plugs shall be placed in the well bore as specified by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement necessary to seal each plug shall be the volume of cement necessary to fill the estimated volume of 100 feet of 16 inch hole in which the plug is placed.
 - C. A 10-foot cement plug is required to be placed in the top of the well.

0 0 0 1 6 5 6 2 3

ORIGINAL NOT LEGIBLE
AT TIME OF FILMING

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-19
(Rev. 11-1-60)

CEMENTING REPORT

1. Well Name (as per RRRC Record or Well Log) (Proposed)
CAPRICE (WALKER-LOB)

2. RRRC District
4

3. Operator
Conoco Inc.

4. County
Webb

5. Lease Number(s) and RRRC Lease Number(s) or L. H. Number(s)
Remanded to ROSA V. BENAVIDES B

6. Well Number
3

7. Location (Section, Block, and Survey)
Section 11, J. Pritchett Survey, A-1616

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shot
8. Cementing Date		12-27-80				
9. (a) Size of Drill Bit (inches) (b) Size of Drill Bit to Enlarge (if any) Calculation:		12 1/2				
10. Size of Casing (inches (O.D.))		9 5/8				
11. Top of Liner (if liner used) (ft.)		-				
12. Setting Depth of Casing (ft.)		7100				
13. Type and Percent of Cement + Amount of Additional Cement (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry		H + 18% Salt + 4% Gel + .27% WR-2 + .27% AF-HD + .4% CF-2 H + 18% Salt + .27% WR-2 + .27% AF-HD				
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry (d) Total Sacks of Cement Used		490 525 1015				
15. Slurry Volume per Sack of Cement (cu. ft. sack): (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry		1.46 1.42				
16. Volume of Slurry Pumped (cu. ft. Volume (4 x (10m 14)) (a) In First (Lead) or Only Slurry (b) In Second Slurry (c) In Third Slurry (d) Total Slurry Volume Pumped (cu. ft.)		715.4 640.5 1355.9				
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)		4342				
18. Was cement circulated to ground surface (or bottom of collar) outside casing? (Yes or No)		No				

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CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
20. Size of Drill Pipe in which Plug Placed (inches)						
21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
23. Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
25. Measured Top of Plug (if Large D.O.)						

CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.

* Designation of well to be completed by Operator. Items not so designated shall be completed by Cementing Company.
RRRC (SA-2) OCG File DuPont

1-10 75557

26 Remarks:

27 Remarks:

CEMENTING COMPANY

I declare under penalties prescribed in Article 6036c, W. C. S., that I am authorized to make this certification, that the cementing of casing and or the setting of cement plugs in this well as shown in the report is performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing only.

Ambrosio De La Garza
 Signature of Cementor or Authorized Representative

Ambrosio De La Garza - Service Supervisor
 Name of Person and Title (type or print)

The Western Company of North America
 Cementing Company

P.O. Box 2159
 Street Address or P.O. Box

Laredo, Texas 78041
 City, State City Code

512 724-7111
 Telephone Area Code

Dec. 27, 1980
 Date

OPERATOR

I declare under penalties prescribed in Article 6036c, W. C. S., that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well data and information presented herein.

O.C. Garza
 Signature of Operator or Authorized Representative

O.C. GARZA - ANALYST
 Name of Person and Title (type or print)

CONOCO INC
 Operator

P.O. Box 2226
 Street Address or P.O. Box

CORPUS CHRISTI, TEXAS 78403
 City, State City Code

512 884-0421
 Telephone Area Code

4-15-81
 Date

INSTRUCTIONS

1. A. This form shall be filed by the operator in the RMC District Office with:
 - (1) Each copy of an Initial Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form U-1;
 - (3) Each copy of Form S-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting **FULL AMOUNT OF SURFACE CASING**:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
4. IF SETTING ANYTHING (OTHER THAN THE FULL AMOUNT OF SURFACE CASING, PERMISSION SHALL BE OBTAINED FROM THE RAILROAD COMMISSION
5. If setting **NO SURFACE CASING** (See Item 4 above):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water sands to the surface.
6. If setting **SHORT SURFACE CASING** (See Item 4 above):
 - A. Cement short surface casing from the shoe to the surface
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water sands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting **PRODUCTION STRING** of Casing. (Statewide Rules, Special Rules may vary.)
 - A. Cement to a point at least 500 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
8. **PLUGGING and ABANDONING**:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RMC District Director.
 - B. The minimum amount of cement recommended in each plug shall be a slurry volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 - C. A 10' foot cement plug is required to be placed in the top of the well.

00016 5674

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W-19
(Rev. 11-1-66)

CEMENTING REPORT

1. Well Name (As per RRC No. 1 or 2 or 3 or 4) **CAPRICE (WALKER-LOBE) (Proposed)**

2. RRC District **4**

3. Operator **Conoco Inc.**

4. Well Name (As per RRC No. 1 or 2 or 3 or 4) **ROSA V. BENAVIDES-B.**

5. District **Webb**

6. Well Number **3**

7. Location (Section, Block, and Survey) **Section 11, J. Postevent Survey, A-1616**

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Yield	Shoe
1. Cementing Date			1-7-81			
2. (a) Size of Drill Bit (inches)			8 1/2"			
(b) Size of Drill Bit (inches) (Enlargement Calculations)			25% over Caliper			
3. (a) Size of Casing (inches O.D.)			5 1/2			
4. Top of Casing (if liner used) (ft.)						
5. Setting Depth of Casing (ft.)			9200			
6. Type and Class of Cement. Amount of Additives (see 11 in First (Lead) or Only Slurry; see 12 in Second Slurry; see 13 in Third Slurry)	H + 1% CF-9 + .5% WR-10 + .2% AF-HD					
(a) In Second Slurry	H + 35% SF-4 + 1% CF-9 + .5% WR-10 + .2% AF-HD					
(b) In Third Slurry						
7. (a) Sacks of Cement Used (in First (Lead) or Only Slurry)			1700			
(b) In Second Slurry			700			
(c) In Third Slurry						
(d) Total Sacks of Cement Used			2400			
8. Slurry Volume per Sack of Cement (cu. ft. sack):						
(a) In First (Lead) or Only Slurry			1.11			
(b) In Second Slurry			1.37			
(c) In Third Slurry						
9. Volume of Slurry Pumped (cu. ft.) (from 14 x Item 13):						
(a) In First (Lead) or Only Slurry			1887			
(b) In Second Slurry			959			
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu. ft.)			2846			
10. Calculated Annular Height of Cement Slurry behind Pipe (ft.)			Surface			
11. Was cement circulated to ground surface or bottom of collar outside casing? (Yes or No)			Yes			

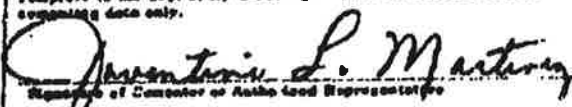

APR 17 1981

CASING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
1. Cementing Date						
2. (a) Size of Drill Bit (inches)						
(b) Size of Drill Bit (inches) (Enlargement Calculations)						
3. (a) Size of Casing (inches O.D.)						
(b) Size of Casing (inches O.D.)						
4. Slurry Volume per Sack of Cement (cu. ft. sack)						
(a) In First (Lead) or Only Slurry						
(b) In Second Slurry						
(c) In Third Slurry						
5. Volume of Slurry Pumped (cu. ft.) (from 14 x Item 13)						
(a) In First (Lead) or Only Slurry						
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu. ft.)						
6. Calculated Annular Height of Cement Slurry behind Pipe (ft.)						
7. Was cement circulated to ground surface or bottom of collar outside casing? (Yes or No)						

CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF

APPROVED BY OPERATOR: **RCR (CE 2) OCG File 10101**

1000

<p>26. Remarks:</p>	<p>27. Remarks:</p>
CEMENTING COMPANY	OPERATOR
<p>I declare under penalties prescribed in Article 6638r, B.C.S. that I am authorized to make this certification, that the cementing of casing and the placing of cement plugs in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well logs and information concerning data only.</p>	<p>I declare under penalties prescribed in Article 6638r, B.C.S. that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all well logs and information presented herein.</p>
<p style="font-size: large; font-family: cursive;">  Signature of Cementor or Authorized Representative </p> <p> Valentino L. Martinez - Service Supervisor <small>Name of Person and Title (type or print)</small> </p> <p> The Western Company of North America <small>Cementing Company</small> </p> <p> P.O. Box 2159 <small>Street Address or P.O. Box</small> </p> <p> Laredo, Texas 78041 <small>City, State Zip Code</small> </p> <p> 512 724-7111 <small>Telephone Area Code</small> </p> <p> Jan. 7, 1981 <small>Date</small> </p>	<p style="font-size: large; font-family: cursive;">  Signature of Operator or Authorized Representative </p> <p> O.C. GARZA - ANALYST <small>Name of Person and Title (type or print)</small> </p> <p> CONOCO INC. <small>Operator</small> </p> <p> P.O. Box 2226 <small>Street Address or P.O. Box</small> </p> <p> CORPUS CHRISTI, TEXAS 78403 <small>City, State Zip Code</small> </p> <p> 512 884-0421 <small>Telephone Area Code</small> </p> <p> 4-15-81 <small>Date</small> </p>

INSTRUCTIONS

1. A. This form shall be filed by the operator in the RRC District Office with:
 - (1) Each copy of an in this Form G-1 or W-2 if a cementing report is required by Statewide or Special Rules, or if exception is needed to cementing requirements in Statewide or Special Rules;
 - (2) Each copy of Form W-3;
 - (3) Each copy of Form W-4 if a multiple parallel casing completion.
- B. At least an original and one copy of this form shall be filed for each cementing company used on a well.
- C. The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of Statewide Rules 8, 13, and 14. For offshore operations, Cementing Company and Operator shall comply with Statewide Rule 13(E).
3. If setting **FULL AMOUNT OF SURFACE CASING**:
 - A. Depth to protect fresh water determined by:
 - (1) Field Rule
 - (2) Texas Water Development Board, if no Field Rule
 - B. Set surface casing below depth to be protected and cement from casing shoe to ground surface.
4. If setting anything other than the full amount of surface casing, permission shall be obtained from the RAILROAD COMMISSION.
5. If setting **NO SURFACE CASING** (See Item 4 above):
 - A. If no multi-stage tool is used, the next deeper casing string shall be cemented from the casing shoe to the surface.
 - B. If using the multi-stage tool on the next deeper string, cement from the depth that protects fresh water lands to the surface.
6. If setting **SHORT SURFACE CASING** (See Item 4 above):
 - A. Cement short surface casing from the shoe to the surface.
 - B. Whether the multi-stage tool is or is not used on the next deeper casing string, cement from the depth that protects fresh water lands to:
 - (1) the surface, or
 - (2) a point midway between shoe of surface string and the surface. Compliance will be considered if a temperature survey shows that the top of the cement is at least one-third of the distance from the shoe of the surface string to the surface.
7. Setting **PRODUCTION STRING** of Casing: (Statewide Rules, Special Rules may vary.)
 - A. Cement to a point at least 500 feet above the casing shoe.
 - B. When 3,000 feet or more of pipe is set for the production or protecting string, a minimum of 30 feet of cement shall be left inside the pipe.
8. **PLUGGING and ABANDONING**:
 - A. Cement plugs shall be placed in the well bore as required by Rules and Regulations of the Commission plus any additional plugs as may be specified by the RRC District Director.
 - B. The minimum amount of cement necessary and in each plug shall be a volume equal to the amount necessary to fill the calculated volume of 100 feet of the hole in which the plug is placed.
 - C. A 10 foot cement plug is required to be placed in the top of the well.

479-32901

FORM W-1 (5/78)

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form No. 43 48 479 32901

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Check one DRILL DEEPEN (Below Casings) PLUG BACK OTHER (Specify):

1. Operator: **PONOCO INC**
Address (Including City and Zip Code): **P.O. BOX 2226 CORPUS CHRISTI, TEXAS 78403**

2. Lease Name and REC Lease or ID No. (If Assigned): **ROSA V. BENAVIDES-B**

3. Location (Sec., Bldg., Survey): **Section 111, J. Polivent Survey, A 1616**

4. This well is to be 10 miles **NW** Direction from **Aguilares, TEXAS** Nearest Post Office or Town.

5. Permit Number, if previously assigned: **100418**

6. REC District: **4**

7. County: **Webb**

8. Well Number: **3**

9. Distance from Proposed Location to Nearest Property or Lease Line (ft.): **1200**

10. Total Depth: **9200**

EACH PROPOSED COMPLETION REFER TO INSTRUCTIONS ON BACK SIDE. READ CAREFULLY AND FURNISH COMPLETE DATA.

13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	
15445 322	Proposed	467	None	1200	40	40	None	Regular	Regular	Oil	Gas
<p>24. PERPETUOUS-OPERATOR FROM TWO DESIGNATED: A. Lease Line: 2500' FEL & 1200' FNL B. Survey Lines: 2500' FEL & 1500' FSL</p>											

25. (a) Is this well/operation subject to SBR 16? Yes No
 (b) If subject to SBR 16, has Form W-9 been filed? Yes No

NOTICE: THIS WELL OR OPERATION WILL BE SUBJECT TO THE SBR 16 AND SBR 17 REGULATIONS. THE OPERATOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RAILROAD COMMISSION OF TEXAS. THE OPERATOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE RAILROAD COMMISSION OF TEXAS.

CERTIFICATE: I declare under penalties prescribed in Sec. 91.01, Texas Natural Resources Code that I am authorized to make this report, that this report was prepared by me or under my supervision and that the facts and data stated therein are true, correct, and complete to the best of my knowledge.

Signature: **D. C. GARZA**
 Title: **D. C. GARZA - ANALYST**
 Date: **4-15-81**
 Telephone Area Code: **512** **884-0621**

READ INSTRUCTIONS ON BACK SIDE AND FURNISH COMPLETE DATA.

APR 1 1981

ARC(CC-2) JRF OCG File Durent

READ THESE INSTRUCTIONS AND COMPLY FULLY.

INSTRUCTIONS

1. DO NOT BEGIN DRILLING OPERATIONS ON ANY LOCATION PRIOR TO FILING FORM W-1 AND UNTIL PERMIT GRANTED BY THE COMMISSION HAS BEEN RECEIVED AND WAITING CLAUSE PERIOD, IF SPECIFIED IN PERMIT, HAS TERMINATED. THE DISTRICT OFFICE MUST BE NOTIFIED TWENTY-FOUR (24) HOURS PRIOR TO INITIATION OF ANY DRILLING OPERATIONS.

2. Before this application can be processed, a Form P-5 (Organization Report) showing the exact operator name used on this Form W-1 must be on file with the Railroad Commission in Austin. If a new operator name is used, a new Form P-5 must be filed.

3. **REGULAR APPLICATION.**

This form shall be filed in duplicate in the appropriate district office for regular locations.

4. **RULE 37 EXCEPTION APPLICATION:** Read carefully and furnish complete data.

a. If this application includes a Rule 37 exception (spacing less than prescribed by rule), this form must be filed in triplicate in the appropriate district office. In addition, the applicant shall identify on the plat all property adjoining this lease by giving the lease name and the operator's name and address for each such property, or where unlabeled, the name and address of the property owner. (Names and addresses may be listed on a separate sheet, but must be correlated with the plat.)

b. Applicant for permit to deepen, plug back or re-enter shall enter all previously assigned Rule 37 case numbers in Column 15 and if the location was drilled originally as a regular location, he shall state "None" in Column 15.

REGULAR AND RULE 37 EXCEPTION APPLICATIONS: Read carefully and furnish complete data.

5. a. **USE ONLY THE COMMISSION APPROVED FIELD DESIGNATION.** If this location is for more than one field, list each separate field and give data required on form for each.

b. IF A WILDCAT, write "Wildcat" in place of field name and under "Completion Depth" state total projected depth. A reservoir that has never been given a field designation by the Commission is considered a Wildcat.

6. a. A neat, accurate **PLAT OR SKETCH OF THE LEASE MUST BE ATTACHED** to this form as part of the application.

This plat must include:

(1) Production or density unit boundary for the location herein applied for and such unit boundaries for each producing well on this lease completed in the same field according to Statewide Rule 38(C) and give the acreage contained in each unit.

(2) Location of the proposed site.

(3) Perpendicular distance to nearest intersecting lease lines. (Distinguish between survey lines and lease lines to avoid confusion.)

(4) Distance to nearest drilling, completed, or applied for well on the same lease in the same field.

(5) Section, block, or lot.

(6) Northerly direction.

(7) Scale.

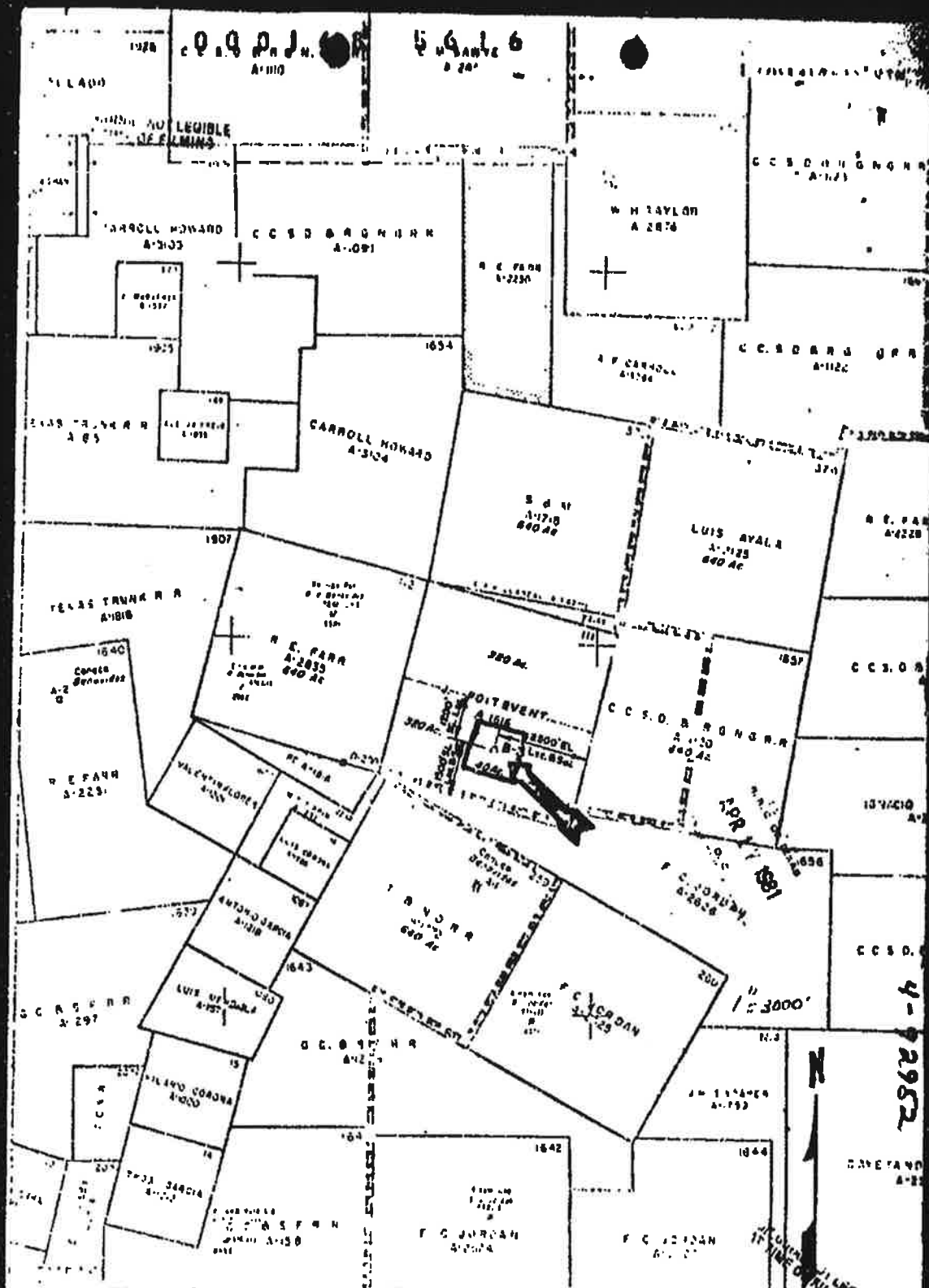
b. The following should be observed on the plat where applicable:

(1) Where the size of the tract will permit, a scale of one inch equal to 1000 feet shall be used.

(2) If it is not practical to show the entire lease and the plat shows only a portion of your lease, it shall be clearly shown that same is only a part of the lease, but state on the face of this form the acreage for the entire lease. If the application includes a Rule 37 exception, the entire lease must be shown.

7. a. An API well number will be assigned by the Commission for permits to DRILL from the surface. The space provided for API Well Number should be left blank by the applicant for a permit to DRILL.

b. The applicant for a permit to DEEPEN, PLUG BACK or SIDETRACK should enter the previously assigned API Well Number, if available, in the space provided, since a new number will not be assigned by the Commission.



CONOCO INC. PRODUCTION DEPARTMENT		
DRAWN _____	SCALE 1" = 1000'	FILE NO. _____
CHECKED _____	DATE 11-80	
APPROVED _____	SHEET _____ OF _____	
LOCATION & ACREAGE ALLOCATION PLAT		
FIELD Caprice/Walker - Lobo/		
COUNTY Rich		
LEASE Renta V. Hernandez - B		
TOTAL ACRES 120	WELL 1	

4-2952

479-32901

479-32901

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Check one: DRILL DEEPEN (Below casing) DESPER (Within casing) PLUG BACK OTHER (Specify) _____

If amended Application, explain fully in Remarks or Attach separate page.

1. Operator: **CONOCO INC.**

2. Address (including City and ZIP Code): **BOX 2220, CORPUS CHRISTI, TEXAS 78403**

3. In Form P-1 (Organization Report) in Exact Operator Name Field: YES NO (Instruction #1 on back side.)

4. Direction of Well: _____

5. This well is to be located: **10** miles _____

6. Lease Name and ERC Lease No. (If Assigned): **13320**

7. Location (Sec., Bld., Survey): **10-10-10-10-10-10**

8. Distance from Proposed Location to Nearest Property or Lease Line (ft.): **300**

9. Well Number: **3**

10. Number of Acres in Lease: **300**

11. Total Depth: **500**

EACH PROPOSED COMPLETION
REFER TO INSTRUCTIONS ON BACK SIDE. READ CAREFULLY AND FURNISH COMPLETE DATA.

13. FIELD NAME (Exactly as shown on E.R.C. Form 1, including wellbore name, if applicable. If blank, so state below.)	14. Completion: If none, State Name, State, and Date.	15. All Prior Rigs: Applicable to Case No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.	16. Number of Acres in Drilling Unit for this Well.	17. Applicable to Case No. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.	18. Is this acreage presently in production?	19. Diameter and location of proposed well.	20. Direction of proposed well.	21. Is this well to be drilled in this area?	22. Number of Wells or Permitted Locations on This Lease in same Direction for which this Permit is being applied.
Oilfield									
Mildar									

23. (a) Is this well subject to SUR 15? (b) If subject to SUR 15, has Form W-6 been filed?

24. (a) Is this well subject to SUR 15? (b) If subject to SUR 15, has Form W-6 been filed?

25. (a) Is this well subject to SUR 15? (b) If subject to SUR 15, has Form W-6 been filed?

NOTICE: NO ALLOWABLE WILL BE ASSIGNED to any well which does not have sufficient surface casing to permit all fresh water back. Where completion data do not permit surface casing to be placed, it will be necessary to submit: Cross Section Diagram, Aug. 15, 1980, and a description of the well to which fresh water side must be provided.

NOV 20 1980

CORPUS CHRISTI, TEXAS

Signature: **WILLIAMSON**

Title: **ANALYST**

Date: _____

Telephone: Area Code _____

READ INSTRUCTIONS ON BACK SIDE AND FURNISH COMPLETE DATA.

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Attachment D to April 21, 2014 Letter

**Original and Three Copies of Supplement Information to Part III-C
MSW # 2374**