GW - 112

GENERAL CORRESPONDENCE

YEAR(S):

2003 →

PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 S. St. Francis, Santa Fe, New Mexico 87505, Telephone (505) 476-3470:

(GW-192) Miller Chemicals, Inc., Mr. Steve Tigert, Area Manager, P.O. Box 298, Artesia, New Mexico, 88211-0298, has submitted a renewal application for the previously approved discharge plan for their Hobbs Facility located in the Section 21, Township 18 South, Range 38 East, NMPM, Lea County, in the city of Hobbs, New Mexico. The facility is an oil field chemical service company with no wastewater discharges from the facility. Groundwater most likely to be affected by a spill, leak or accidental discharge to the surface is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 100mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-078) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their 5-Points compressor station located in the NW/4 NE/4, Section 8, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 500 barrels per year of wastewater with a total dissolved solids concentration in excess of 2000 mg/l is stored in a below closed-top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 310 feet with a total dissolved solids concentrations of approximately 1225 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-079) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Wild Horse compressor station located in the SW/4 SW/4, Section 27, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. Approximately 420 gallons per day of waste water is collected and stored in an above ground bermed closed top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 770 feet with a total dissolved solids concentrations of approximately 1398 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-112) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Carracas CDP compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-062) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Manzanares CDP compressor station located in the SE/4 SW/4, Section 28, Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 14 barrels per day of exempt waste water is collected and stored in an above ground bermed closed top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of 80 feet with a total dissolved solids concentrations of approximately 3150 mg/l.

(GW-063) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Pump Mesa CDP compressor station located in the SW/4 SE/4, Section 14, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 145 gallons per day of exempt waste water is collected and stored in an above ground bermed closed top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 390 feet with a total dissolved solids concentrations of approximately 9800 mg/l.

(GW-064) - Williams Field Service, David Bays, Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge permit renewal application for their Middle Mesa compressor station located in the SE/4 SW/4, Section 10, Township 31 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 145 gallons per day of exempt waste water is collected and stored in an above ground bermed closed top tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 420 feet with a total dissolved solids concentrations of approximately 900 mg/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 21st day of February 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL
Mark E. Fesmire, P.E.,
Director

Legal #78483
Pub. Feb. 24, 2006

Environmental Department
188 County Road 4900
Bloomfield, NM 87413
505/632-4625
505/632-4781 Fax

November 7, 2007

Mr. Leonard Lowe
Oil Conservation Division, EMNRD
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Update to Williams Four Corners, LLC OCD Discharge Plans

Dear Mr. Lowe,

Williams Four Corners, LLC (Williams) would like to update the "Description of Final Disposition" for wastes generated at its facilities, and to include clarification of sources of waste streams not previously specified in its existing OCD Discharge Plans. These items are discussed in Table 1, "Storage and Disposal of Process Fluids, Effluent and Waste Solids", and Table 2, "Source, Quantity, and Quality of Effluent and Waste Solids", in each of Williams' current facility-specific OCD Discharge Plans. (Note that in older plans, these table numbers are reversed).

More specifically, the updates to Table 1 include replacing language that stated waste would be disposed at a "NMOCD-approved" or simply "approved" disposal facility with text that states waste will be disposed at "any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste." Recently, Williams has had some difficulty using NMED-approved disposal sites due to the current language.

Updates to Table 2 include expanding the "Source" of "Used Process Filters" to include amine filters, charcoal, activated carbon, and molecular sieve in addition to the air, inlet, fuel, fuel gas and glycol filters typically included in the Discharge Plans. Additionally, the "Source" of "Condensate and/or Produced Water" has been expanded to include the inlet scrubber, gas inlet separator, and dehydrators. These changes are included for clarification purposes only and provide a more descriptive list of waste that may be generated at the facilities. All of the items listed are related to existing processes at the facilities.

Please see the attached Table 1 and Table 2, from the recent OCD Discharge Plan renewal application for Williams' Rosa Compressor Station, for an example of how the updates apply at a typical Williams' facility. The updated information is indicated by bold text. We will update this information in each OCD Discharge Plan as it comes up for renewal. In the meantime, we request that the updates described herein are effective immediately for the sites listed below upon your receipt of this letter.

Five Points (GW-078)
29-6#2 (GW-121)
29-6#3 (GW-198)
29-6#4 (GS-122)
30-5 (GW-108)
31-6 (GW-118)
32-7 (GW-117)
32-8#2 (GW-111)
32-8#3 (GW-116)
32-9 (GW-091)
Aztec (GW-155)
Blanco (GW-327)
Cabresto (GW-352)
Carracas (GW-112)
Cedar Hill (GW-087)
Chaco (GW-331)
Coyote (GW-250)
Crouch Mesa (GW-129)
Culpepper (GW-353)
Decker Junction (GW-134)
Dogie (GW-330)
El Cedro (GW-149)
Glade (GW-321)
Hare (GW-343)
Honolulu (GW-315)
Horse Canyon (GW-061)
Horton (GW-323)
Kernaghan (GW-271)
La Cosa (GW-187)
Laguna Seca (GW-307)
La Jara (GW-223)
Lateral N-30 (GW-256)
Lawson Straddle (GW-322)
Lybrook (GW-047)
Manzanares (GW-062)
Martinez (GW-308)
Middle Mesa (GW-064)
Milagro (GW-060)
Navajo (GW-182)
North Crandell (GW-310)
Pipkin (GW-120)
Pritchard (GW-274)
Pump Mesa (GW-063)
Quintana Mesa (GW-309)
Richardson (GW-320)
Sims Mesa (GW-068)
Snowshoe (GW-287)
Thompson (GW-328)
Trunk A (GW-248)
Trunk B (GW-249)
Trunk C (GW-257)
Trunk L (GW-180)
Trunk M (GW-181)
Trunk N (GW-306)
Wildhorse (GW-079)

These updates are not significant and do not pose a hazard to public health or undue risk to property. These facilities do not discharge wastewater to surface or subsurface waters. All wastes generated at these facilities are temporarily stored in tanks or containers.

Respectfully submitted,

David Bays
Senior Environmental Specialist

Attachment

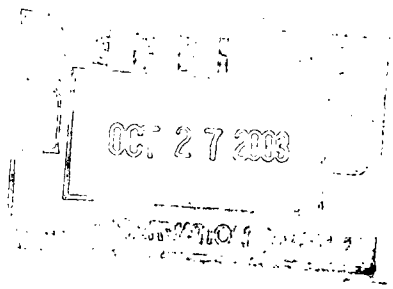
Table 1
Transfer, Storage and Disposal of Process Fluids, Effluent and Waste Solids

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	500 gal*	Berm or concrete pad and wastewater system	Non-exempt	May be hauled to a Williams or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Produced Water/Natural Gas Condensate	Above Ground Storage Tank	300 bbl 120 bbl 40 bbl	Berms	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams' evaporation facility or may be disposed at **any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.**
Wash-down Water	Below Grade Sump, vaulted	70 bbl 45 bbl	Dual-walled tanks	Non-exempt	Contractor may pump wash water back into truck after washing; water may be transported to **any facility permitted by any state, federal, or tribal agency to receive industrial solid waste;** or evaporation at Williams' facility may be considered. **Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such waste.**
Used Oil Filters	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by **any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.** A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Used Process Filters	Drum or other container	Varies	Transported in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at **any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.** A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Spill Residue (e.g., soil, gravel, etc.)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at **any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.** A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non - exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Antifreeze	Above Ground Storage Tank		Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	500 gal* 125 gal* 100 gal*	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above Ground Storage Tank	500 gal*	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

*Number of tanks installed dependent on number of engines and dehydrators installed on site. Engines and dehydrators are installed or removed to meet demand.

Table 2
Source, Quantity, and Quality of Effluent and Waste Solids

PROCESS FLUID / WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Produced Water/Natural Gas Condensate	**Inlet Scrubber, Gas Inlet Separator, Dehydrators**	2000-8000 bbl/year	No Additives
Waste Water /Wash Down Water	Compressor and Dehy Skids	100-5000 gal/year/unit	Biodegradable soap and tap water with traces of used oil
Used Oil	Compressors	500-2000 gal/year/engine	Used Motor Oil w/ No Additives
Used Oil Filters	Compressors	50-500/year/engine	No Additives
Used Process Filters	**Charcoal, Activated Carbon, Molecular Sieve**	**50-500 cubic yd/yr**	**No Additives**
Used Process Filters	**Air, Inlet, Fuel, Fuel Gas, Glycol, Amine, Ambitrol**	75-500/year	No Additives
Empty Drums/Containers	Liquid Containers	0-80/year	No Additives
Spill Residue (i.e. soil, gravel, etc)	Incidental Spill	Incident Dependent	Incident Dependent
Used Adsorbents	Incidental Spill/Leak Equipment Wipe-down	Incident Dependent	No Additives



Williams Energy Services-Enve
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

October 23, 2003

Mr. Jack Ford
Oil Conservation Division
1220 South St Francis Dr
Santa Fe NM 87505

Re: Drain Line Testing Results at Various Williams Field Services Facilities

Dear Mr. Ford:

Williams Field Services conducted a facility review and drain line testing in accordance to the Oil Conservation Division Discharge Plan requirements. Subsurface, non-pressurized process and wastewater lines were tested. The facility drain line testing reports are enclosed with this letter. A review and testing summary is provided in the table below.

Facility	Permit #	Completion Date	Results	Comments
29-6 #2 CDP	GW-142	10/9/2003	Passed	
30-8 CDP	GW-133	8/12/2003	Passed	facility broke up into 2 test sections, both passed
31-6 CDP	GW-118	9/17/2003	Passed	Both WFS and WPX sides passed
32-7 CDP	GW-117	7/29/2003	Passed	facility broke up into 3 test sections, both passed
32-8 #3 CDP	GW-116	7/8/2003	Passed	
Aztec CDP	GW-155	8/18/2003	Passed	facility broke up into 3 test sections, both passed
Carracas CDP	GW-112	8/7/2003	Passed	
Decker Junction	GW-134	8/13/2003	Passed	
Rosa #1CS	GW-292	12/10/2002	Passed	
Sims Mesa CDP	GW-68	9/30/2003	Passed	facility broke up into 2 test sections, both passed
Snowshoe CS	GW-287	11/8/2002	Passed	
Trunk A CDP	GW-248	12/16/2002	Passed	
Trunk L CDP	GW-180	10/17/2003	Passed	
Trunk N CDP	GW-306	7/17/2003	Passed	

If you have any questions or require additional information, please contact me at (505) 632-4606.

Respectfully Submitted,

Clara M. Garcia
Environmental Compliance

Attachments: Drain Line Testing Reports

xc: FCA Environmental 220 File
Denny Foust, OCD Aztec

Environmental Waste Water Line Test Report

LOCATION:	Carracas CDP
DATE:	8-7-03
Sec, Range and Township	Sec. 34 T32N R-5W

START OF WATER FILL:	DATE:	8-7-03	TIME:	9:30 AM
START OF TEST PERIOD:	DATE:	8-7-03	TIME:	11:30 AM
END OF TEST PERIOD:	DATE:	8-7-03	TIME:	12:30 P.M

TEST DATA:

1. Water height by manual measurement at the datum.
2. Test to commence when maximum fill is reached and first manual measurement is recorded.
3. Test time 1 hour at 3lbs

No.	Time	Water Height	Remarks:
1	11:30	9'0"	Holding
2	11:35	9'0"	
3	11:40	9'0"	
4	11:45	9'0"	
5	11:55	9'0"	
6	12:00	9'0"	
7	12:10	9'0"	
8	12:20	9'0"	
9	12:25	9'0"	
10	12:30	9'0"	Test Held

Additional Remarks:

TEST IS: ☑ ACCEPTED ☐ REJECTED

RECORDED BY: GARY COLE Gary Cole SUNLAND (TEST Contractor)

VERIFIED BY: (LOCATION SUPERVISOR)

APPROVED BY: (Test Inspector)

Environmental Affairs
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

February 10, 2003

Water Management Quality Management Fund
c/o: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Jack:

Enclosed please find, check number 1000520664 for $1,700.00, to cover the fees for Carracas CDP GW-112 OCD Discharge Plan.

Your assistance in processing this fee is greatly appreciated. If you have any questions please contact me at 505/632/4606.

Thank you,

Clara M. Garcia
Environmental Compliance

Xc: FCA 220 File

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/6/03,

or cash received on _____ in the amount of $ 1,700.00

from Williams Field Services

for Carracas C.S. GW-112
(Facility Name) (DP No.)

Submitted by: _____ Date: 2-14-03

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal V

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment V or Annual Increment ___

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM. IT ALSO HAS A REFLECTIVE WATERMARK ON THE BACK.

Williams

WILLIAMS FIELD SERVICES COMPANY
One Williams Center • P.O. Box 645 • Tulsa, OK 74101-0645

[redacted]

DATE 02/06/2003

PAY TO THE ORDER OF

PAY ******$1,700.00

NEW MEXICO OIL CONSERVATION DIV
WATER QUALITY MANAGEMENT FUND
2040 S PACHECO

SANTA FE NM 87505
United States

Bank One, NA
Illinois

Authorized Signer

[redacted]

INVOICE NUMBER	INVOICE DATE	BATCH NAME	INVOICE DESCRIPTION	NET AMOUNT
GW112010703	20030107	0001032-FCA020307010	GW-112 CARRACAS CDP COMPRESSOR STATION	1,700.00

CHECK NUMBER	PAY DATE	SUPPLIER NUMBER	SUPPLIER NAME	TOTAL AMOUNT
[redacted]	02/06/2003	40665	NEW MEXICO OIL CONSERVATION DIV	$1,700.00

MA1353(WESAP001) (AP)

Environmental Affairs
188 CR 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

February 5, 2003

Mr. Jack Ford
New Mexico Oil Conservation Division
Water Quality Management Fund
2040 South Pacheco
Santa Fe NM 87505

Re: Discharge Plan GW-112

Dear Mr. Ford:

Enclosed please find the signed copy of the discharge plan conditions for the Williams Field Services (WFS) Carracas CDP Compressor Station.

Williams Field Services appreciates your assistance in handling this. If you have any questions or require additional information, please contact me at 505/632/4606.

Thank you,

Clara M Garcia
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED
DEC 0 2 2002
OIL CONSERVATION DIVISION

NM OIL CONSERVATION DIVISION
1220 ST. FRANCIS DR.
SANTA FE, NM 87505

AD NUMBER: 292638 ACCOUNT: 56689
LEGAL NO: 72530 P.O.#: 03-199-000050
188 LINES 1 time(s) at $ 82.87
AFFIDAVITS: 5.25
TAX: 5.51
TOTAL: 93.63

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, K. Voorhees being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #72530 a copy of which is hereto attached was published in said newspaper 1 day(s) between 11/28/2002 and 11/28/2002 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 28 day of November, 2002 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ K. Voorhees
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 27 day of November A.D., 2002

Notary Laura E. Harding

Commission Expires 11/23/03

NOTICE OF PUBLICATION

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3200:

(GW-112) - Williams Field Service, Mark J. Bareta, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Carracas CDP compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 26th day of February, 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL
LORI WROTENBERY, Director
Legal #72530
Pub. Nov. 28, 2002

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS. REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☑ Renewal ☐ Modification

1. Type: Compressor Station (Carracas CDP Compressor Station GW-112)

2. Operator: Williams Field Services Company

   Address: 188 CR 4900, Bloomfield, New Mexico 87413

   Contact Person: Mark J. Bareta Phone: (505) 632-4634

3. Location: SE/4 NW/4 Section 34 Township 32 North Range 5 West
   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

6. Attach a description of all materials stored or used at the facility.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.

10. Attach a routine inspection and maintenance plan to ensure permit compliance.

11. Attach a contingency plan for reporting and clean-up of spills or releases.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Mark J. Bareta Title: Senior Environmental Specialist

Signature: _____ Date: 2/18/02

Table of Contents

List of Tables

List of Figures - All figures follow Section XI

List of Appendices

DISCHARGE PLAN RENEWAL

CARRACAS CDP COMPRESSOR STATION
(GW-112)

Williams Field Services Company

February 2002

I. TYPE OF OPERATION

The Carracas CDP Compressor Station was built in 1992 to provide metering, compression, and dehydration services to various producers for the gathering of methane gas for treatment and delivery through Williams Field Services (WFS) Ignacio Plant.

II. LEGALLY RESPONSIBLE PARTY

Williams Field Services
188 CR 4900
Bloomfield, NM 87413
(505) 632-4634

Contact Person:
Mark J. Bareta, Senior Environmental Specialist
Phone and Address, Same as Above

III. LOCATION OF FACILITY

The Carracas CDP Compressor Station is located in Section 34, Township 32 North, Range 5 West, in Rio Arriba County, New Mexico, approximately 36.4 miles east of Aztec, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangle: Bancos Mesa, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of the text.

IV. LANDOWNER

Williams Field Services is leasing the subject property from:

U.S. Forest Service
644 E. Broadway
Bloomfield, NM 87413
(505) 632-2956

V. FACILITY DESCRIPTION

This facility is classified as a field compressor station and is unmanned. The air quality permit for this site has allowed the operation of three 1,378 hp engines. Only two units are currently installed at the site. In addition, there are various storage tanks, support structures and ancillary equipment. Records related to facility operations are maintained at central office locations.

VI. SOURCE, QUANTITY, AND QUALITY OF EFFLUENTS AND WASTE SOLIDS

The source, quantity, and quality of effluent and waste solids generated at the compressor station are summarized in Table 1.

TABLE 1
SOURCE, QUANTITY, AND QUALITY OF EFFLUENT AND WASTE SOLIDS
CARRACAS CDP COMPRESSOR STATION

PROCESS FLUID/WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Used Oil	Compressor	1000–2000 gal/year/engine.	Used motor oil w/no additives
Used Oil Filters	Compressor	50-100 filters/year/engine	No additives
Produced Water	Scrubber, Gas Inlet Separator	2000-4000 bbl/year	No additives
Wash-down Water	Compressor Skid	500-1500 gal/year/engine	Biodegradable Soap and tap water w/traces of used oil
Used Process Filters	Air, Inlet and Fuel Gas	75- 100/year	No additives
Empty Drums / Containers	Liquid Containers	10-20/year	No additives
Spill Residue (i.e., gravel, soil)	Incidental spills	Incident dependent	Incident dependent
Used Absorbents	Incidental spill/leak equipment wipe-down	Incident dependent	No additives

VII. TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS AND WASTE SOLIDS

Wastes generated at this facility fall into two categories: exempt and non-exempt. Exempt wastes include, but may not be limited to, used process filters. Non-exempt wastes include, but may not be limited to, used oil, used oil filters, and engine coolant. Table 2 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

Non-exempt waste management will be conducted in accordance with NMOCD requirements including the preparation of a Certificate of Waste Status for each non-exempt waste stream. Non-exempt wastes will be analyzed at a minimum for BTEX, TPH, RCRA D-List metals, ignitability, corrosivity, and reactivity to initially determine if such waste are hazardous as defined in 40 CFR Part 261. All wastes at the facility will be periodically surveyed for naturally occurring radioactive material (NORM) to determine if the concentrations of radium 226 exceed 30 picocuries per gram or if radiation exposure exceeds 50 microroentgens per hour. If affirmed, such materials will be handled and disposed in accordance with NMOCD NORM Regulations.

Barring facility modification and/or process changes, the classification of non-exempt wastes by laboratory analyses will be made once during the approval period of this plan. Subsequent laboratory analyses will be performed at the generator's discretion (minimum of once every five years), or more frequently to comply with waste acceptance procedures of the disposal facility.

TABLE 2
TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS
CARRACAS CDP COMPRESSOR STATION

PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	165 bbl	Berm	Non-exempt	May be hauled to a WFS or contactor consolidation point before transport to EPA-registered used oil marketer for recycling.
Used Oil Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Produced Water	Above Ground Storage Tank	100 bbl	Berm	Exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility.
Wash-down Water	Above Ground Storage Tank	165 bbl	Berm	Non-Exempt	Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Used Process Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a WFS or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Spill Residue (i.e., soil, gravel)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Corrosion Inhibitor	Above Ground Storage Tank	500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	(2) 500 gallons 100 gallons 50 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above Ground Storage Tank	(2) 500 gallons 100 bbl	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

VIII. STORM WATER PLAN

This storm water section was developed to provide a plan to monitor and mitigate impact to storm water runoff from the facility. It serves to satisfy storm water management concerns of the NMOCD. It is not intended to comply with 40 CFR Part 122, Storm Water Discharges as this facility is excluded in 122.26 (c) (1) (iii).

This section concentrates on the identification of potential pollutants, inspection and maintenance of the pollutant controls, and gives a description of structural controls to prevent storm water pollution.

Site Assessment and Facility Controls

An evaluation of the material used and stored on this site that may be exposed to storm water indicates that no materials would routinely be exposed to precipitation. There are no engineered storm water controls or conveyances; all storm water leaves the site by overland flow.

Any leakage or spill from the identified potential pollutant sources, if uncontained by existing berms, curbs, or emergency response actions, could flow overland to open off-site drainage ditches (arroyos) and thus impact storm water. In such an event, containment would occur by blocking the ditch or culvert downstream of the pollutant. Cleanup of the substance and implementation of mitigation measures could be conducted while protecting downstream storm watercourses.

Best Management Practices

Following are Best Management Practices (BMPs) to be implemented to prevent or mitigate pollution to storm water from facility operations:

- All waste materials and debris will be properly disposed of on an on-going basis in appropriate containers and locations for collection and removal from the site.
- Temporary storage of potential pollutant sources will be located in areas with appropriate controls for storm water protection. This would include ensuring all containers are sealed/covered and otherwise protected from contact with precipitation.
- Periodic inspection of channels and culverts shall be performed at least twice annually and after any major precipitation event.
- Sediment deposits and debris will be removed from the channels and culverts as necessary and any erosion damage at the outfall (if any) will be repaired or controlled.
- Conduct inspections of the facility on a regular basis as part of the preventive maintenance site check. Such inspections will include the visual assessment of corroded or damaged drums and tanks, broken or breached containment structures, collapsed or clogged drainages or drain lines.

Implementation of the BMPs will prevent or mitigate impact to storm water runoff from this facility.

IX. INSPECTION, MAINTENANCE AND REPORTING

WFS's personnel will operate and maintain the compression unit at the facility. The facility will be remotely monitored for equipment malfunctions through Gas Dispatch. The facility will be visited several times per week at a minimum, and an operator will be on call 24 hours per day, 7 days per week, 52 weeks per year. The above ground and below-grade tanks will be gauged regularly, and monitored for leak detection.

In the event of a release of a reportable quantity, the operator reports the release to a WFS spill notification service. The service immediately notifies the WFS Environmental Department and all appropriate agencies.

X. SPILL/LEAK PREVENTION AND REPORTING (CONTINGENCY PLANS)

Spill containment berms around above ground storage tanks will be designed to contain 1-1/3 times the volume of the tank and will be equipped with an impermeable liner. The below-grade tanks will be constructed with a means of leak detection, and will either be double-bottomed tanks or a tank set on an impermeable pad.

WFS corporate policy and procedure for the controlling and reporting of Discharges or Spills of Oil or Hazardous Substances is provided in Appendix A. Significant spills and leaks are reported to the NMOCD pursuant to NMOCD Rule 116 and WQCC 1-203 using the NMOCD form (see Appendix B).

XI. SITE CHARACTERISTICS

The Carracas CDP Compressor Station is located approximately 36.4 miles east of Aztec, New Mexico. The site elevation is approximately 6,360 feet above mean sea level. The natural ground surface topography slopes downward toward the west. The maximum relief over the site is approximately 25 feet. Intermittent flow from the site will follow natural drainage to the west to the Peters Canyon drainage. Peters Canyon drains to the south into Bancos Canyon. Bancos Canyon drains to the west into Navajo Lake. The Navajo Lake, approximately 2.1 miles to the southwest of the site, is nearest down-gradient perennial source of surface water at an elevation of approximately 6,100 feet.

A review of the available hydrologic data[1,2] for this area revealed that there are no water wells within a 1/4-mile radius of Carracas CDP Compressor Station. The water-bearing unit in this area is the San Jose Formation. The San Jose Formation is the youngest Tertiary bedrock unit. This formation consists of a sequence of interbedded sandstone and mudstone. The estimated ground water depth at the site is 200 to 500 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 parts per million.

The 100-year 24-hour precipitation event at a regional weather station is 2.8 inches. This small amount of rainfall for the area should pose no flood hazards. Vegetation in the area consists predominantly of sagebrush and native grasses

Flood Protection: Surface water runoff from the area surrounding the site will be diverted around the facility into the natural drainage path.

References

[1]Stone, W.J., Lyford, F.P., Frenzel, P.F., Mizell, N.H., Padgett, E.T., 1983, Hydrology and Water Resources of San Juan Basin, New Mexico Bureau of Mines and Mineral Resources, Hydrologic Report 6.

[2]Online Well Reports and Downloads, New Mexico Office of the State Engineer, 2000.

XII. FACILITY CLOSURE PLAN

All reasonable and necessary measures will be taken to prevent the exceedence of WCQQ Section 3103 water quality standards should WFS choose to permanently close the facility. WFS will submit a detailed closure plan to the NMOCD prior to closure.

Generally, closure measures will include removal or closure in place of underground piping and other equipment. All wastes will be removed from the site and properly disposed in accordance with the rules and regulations in place at the time of closure. When all fluids, contaminants, and equipment have been removed from the site, the site will be graded as close to the original contour as possible.

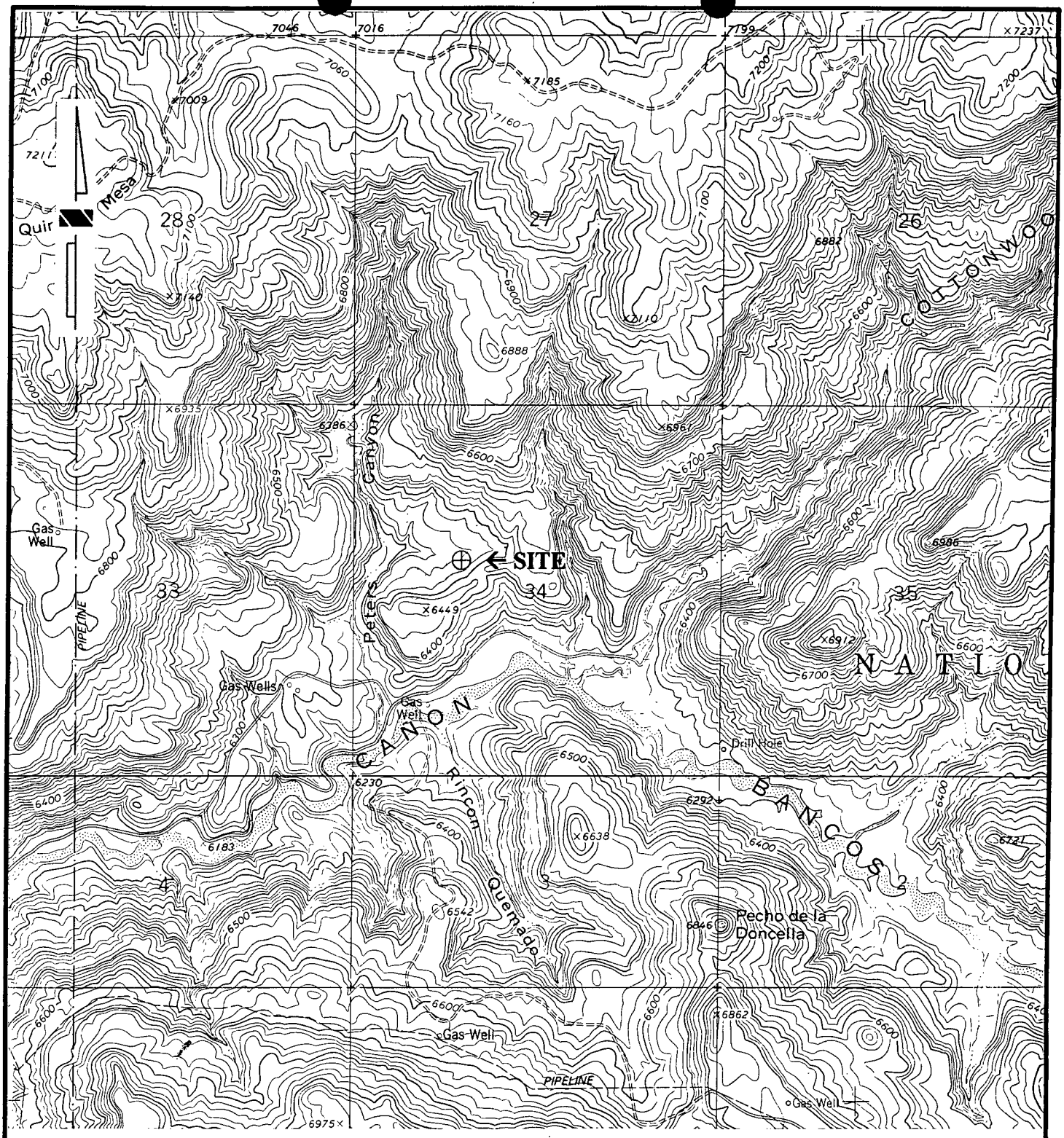
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN



Source: USGS Bancos Mesa, New Mexico Quadrangle

Scale: 1" = 2,000'

Williams

Figure 1 Site Vicinity / Topographic Map

Carracas Compressor Station

Section 34, Township 32N Range 5W

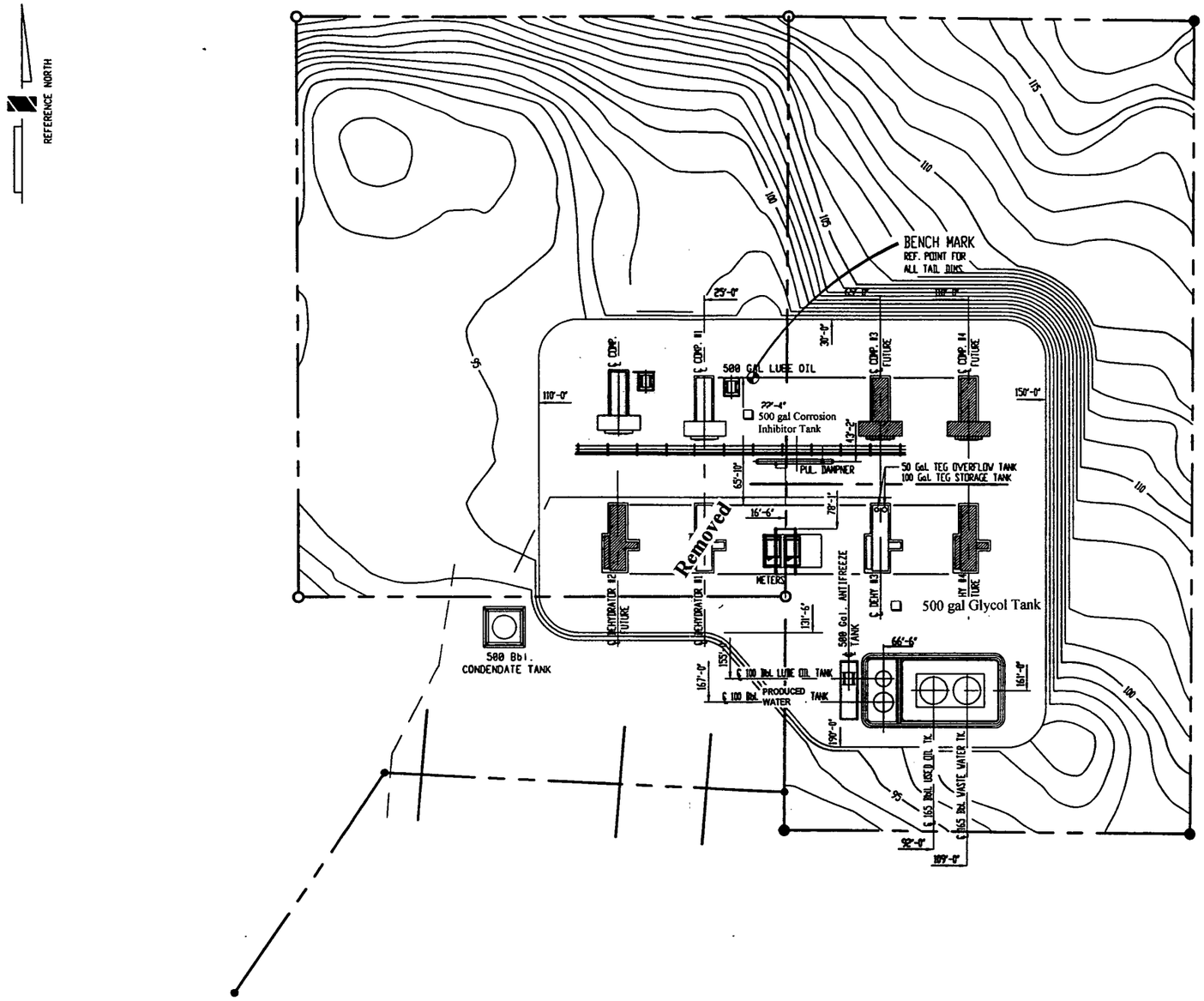
Rio Arriba County, New Mexico

Subject or Title:

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

OPERATIONS			
Manual: CARRACAS C.D.P. STATION			
Section: SPILL PREVENTION CONTROL		Tab: 13	Document No.: 42.13.001
Effective Date: 6-4-99		Issue No.: 01	Page No.: 5 of 8

ATTACHMENT "A" PRODUCT & WASTE STORAGE LOCATIONS



REFERENCE DRAWINGS				REFERENCE DRAWINGS				REVISIONS													
DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.
															01	6-4-99	PMM	ISSUED PER AS-BUILT	98408		

DRAFTING	BY	DATE
DRAWN BY	PMM	6-4-99
CHECKED BY		
APPROVED BY		
ENGINEER	BY	DATE
DESIGNED BY		
PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: RIO ARRIBA

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

CARRACAS C.D.P. STATION
SPILL PREVENTION CONTROL & COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'
W.O. NO. 98408
DWG NO. CAR-1-P4
SHEET 5 OF 8
REV 01

T:\Ds\PM_E1\Drawings_Work-in-Progress\San_Juan\Carracas_(CAR)\Eod\00040101.dwg

APPENDIX A

SPILL CONTROL PROCEDURES

APPENDIX B

NMOCD NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

Ford, Jack

From: Martin, Ed
Sent: Friday, November 22, 2002 1:17 PM
To: Santa Fe New Mexican (E-mail)
Cc: Ford, Jack; Bruce S. Garber; Chris Shuey; Colin Adams; Director, State Parks; Don Fernald; Don Neeper; Eddie Seay; Gerald R. Zimmerman; Jack A. Barnett; James Bearzi; Jay Lazarus; Lee Wilson & Associates; Marcy Leavitt; Martin Nee; Mike Matush; Ned Kendrick; Regional Forester; Ron Dutton; Sectretary, NMED
Subject: Legal Notice

Please publish the attached legal notice, one time only, on or before Thursday, November 28, 2002.
Upon publication, forward to this office:
1. Publisher's affidavit
2. Invoice. Our purchase order number is **03-199-000050**

If you have any questions, please contact me.

Publ. Notice
GW-112.doc

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 S. St. Francis
Santa Fe, NM 87505
Phone: 505-476-3492
Fax: 505-476-3471

Ford, Jack

From: Ford, Jack
Sent: Thursday, November 21, 2002 1:46 PM
To: Martin, Ed
Subject: Public Notice for GW-112

Please send out

112REPUB.DOC

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3200:

(GW-112) - Williams Field Service, Mark J. Bareta, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Carracas CDP compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 26th day of February, 2002.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Four Corners Area
Environmental Department
#188 CR 4900
Bloomfield, N.M. 87413
Phone: (505) 634-4956
Fax: (505) 632-4781

February 18, 2002

Water Management Quality Management Fund
c/o: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Dear Sir or Madam:

Enclosed please find check #1000421541 for the amount of $200.00, to cover the fees for the following discharge plans:

Pipkin Compressor Station	GW-120	$100.00
Carracas CDP	GW-112	$100.00

Your assistance in processing this fee is greatly appreciated.

If you have any questions please contact me at (505) 634-4956.

Thank You,

Ethel Holiday
Environmental Compliance Specialist

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2-14-02

or cash received on _____ in the amount of $ 200.00

from Williams Field Services

for Pipkin C.S. GW-120
Carruthers C.S. GW-112
(Facility Name) (OP No.)

Submitted by: _____ Date: 2-20-02

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ✓

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

THIS MULTI-TONE AREA OF THE DOCUMENT CHANGES COLOR GRADUALLY AND EVENLY FROM DARK TO LIGHT WITH DARKER AREAS BOTH TOP AND BOTTOM. IT ALSO HAS A REFLECTIVE WATERMARK ON THE BACK.

Williams

WILLIAMS FIELD SERVICES COMPANY
1800 South Baltimore Avenue / P.O. Box 645 / Tulsa, OK 74101-0645

[redacted]

DATE: 02/14/2002

PAY TO THE ORDER OF:

PAY ********$200.00

NEW MEXICO OIL CONSERVATION DI
NM WATER QUALITY MGMT FUND
2040 S PACHECO

SANTA FE NM 87504
United States

Bank One, NA
Illinois

Authorized Signer

VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID VOID

MA1353 (10/99)

[redacted]

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

December 19, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 6986

Mr. Mark Bareta
Williams Field Services
188 CR 4900
Bloomfield, New Mexico 87413

RE: Discharge Plan Renewal Notice for Williams Field Services Facilities

Dear Mr. Bareta:

The OCD is providing Williams Field Services a six months notice that the following discharge plans expire.

GW-112 expires 6/19/2002 – Carracas CDPALT1 Compressor Station
GW-116 expires 6/19/2002 - 32-8 #3 CDP Compressor Station
GW-117 expires 6/19/2002 - 32-7 #1 CDP Compressor Station
GW-118 expires 6/19/2002 - 31-6 #1 CDP Compressor Station

WQCC 3106.F. If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $100.00 plus a flat fee based upon the horsepower rating for gas processing facilities. The $100.00 filing fee for each facility is to be submitted with the discharge plan renewal application and is nonrefundable.

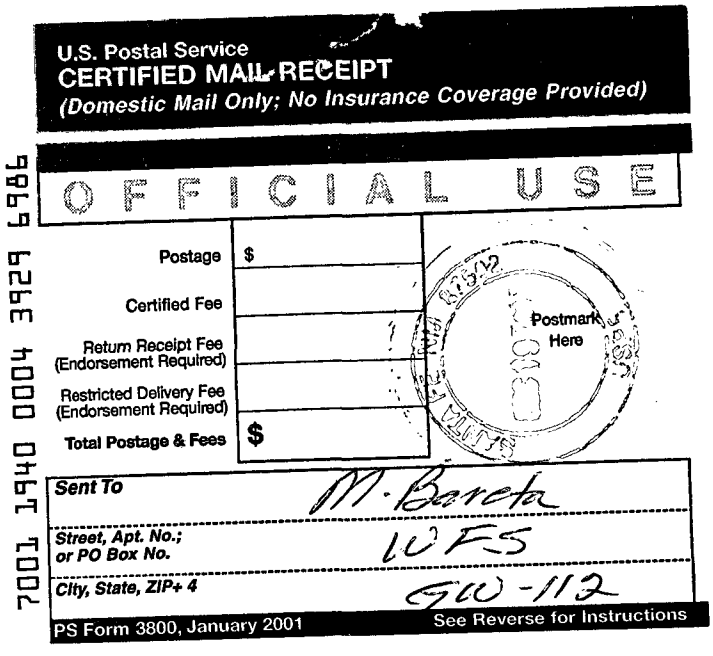
Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** (Copies of the WQCC regulations and discharge plan application form and guidelines are enclosed to aid you in preparing the renewal application. A complete copy of the regulations is also available on OCD's website at **www.emnrd.state.nm.us/ocd/**).

If any of the above sited facilities no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Williams Field Services has any questions, please do not hesitate to contact Mr. W. Jack Ford at (505) 476-3489.

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Aztec District Office


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage $
Certified Fee
Return Receipt Fee (Endorsement Required)
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $

Postmark Here

Sent To M. Bareta
Street, Apt. No.; or PO Box No. WFS
City, State, ZIP+4 GW-112

PS Form 3800, January 2001 See Reverse for Instructions

7001 1940 0004 3929 6986

Work Copy

SITE NAME	DISCHARGE PLAN #	CURRENT OCD PLAN # of Units/ HP	ACTUAL INSTALLS # of Units/ HP	AQB PERMITTED # of Units/ HP
Category 4 - Current OCD Plan reflects more units than actual install; AQB permit allows additional installs				
CARRACAS CDP	GW-112	2 units/895 HP ea	1 unit/895 HP	3 units/1378 HP ea
LA COSA C.S.	GW-187	8 units/ 1185 hp ea.	1 unit/2980 hp; 1 unit/1408 hp	1 unit/2980 hp; 4 units/1408 hp ea
Category 5 - Current OCD Plan reflects actual installations; AQB permit allows additional installs				
30-5 #1CDP	GW-108	9 units/1088 HP ea.	9 units/1088 HP ea.	12 units/1374 HP ea.
30-8 CDP	GW-133	10 units/1085 HP ea	10 units/1085 HP ea	14 units/1375 HP ea
DECKER JUNCTION CDP	GW-134	10 units/895 HP ea	10 units/895 HP ea	16 units/1388 HP ea
SIMS MESA CDP	GW-68	7 units/895 HP ea OK	7 units/895 HP ea	10 units/1374 HP ea
LATERAL N-30 C.S.	GW-256	2 units/1117 HP ea	2 units/1117 HP ea	6 units/1356 HP ea
Category 6 - Current OCD Plan reflects actual installations; all AQB permitted units are installed				
29-6 #3CDP	GW-198	1 unit/1129 HP ea.	1 unit/1129 HP ea.	1 unit/1129 HP ea,
32-8 #3	GW-116	6 units; /total site HP 8178	6 units/1373 HP ea	6 units/1373 HP ea
AZTEC CDP	GW-155	12 units/1384 HP ea	12 units/1384 HP ea	12 units/1384 HP ea
HART MTN. BOOSTER C.S.	GW-208	2 units/895 HP ea	2 units/895 HP ea	2 units/1151 HP ea
KERNAGHAN STRADDLE	GW-271	2 units/895 HP ea	2 units/895 HP ea	2 units/1121 HP ea
PRITCHARD STRADDLE C.S.	GW-273	3 units/1270 HP ea	3 units/1270 HP ea	3 units/1279 HP ea
TRUNK C BOOSTER C.S	GW-257	2 units/1268 HP ea	2 units/1268 HP ea	2 units/1268 HP ea
LAGUNA SECA	GW-307	2 units/1375 HP & 1146 hp	2 units/1375 HP& 1146 hp	2 units/1232 HP ea
TRUNK G C.S.	GW-229	1 unit/1373 HP	1 unit/1373 HP	1 unit/1373 HP
NORTH CRANDELL	GW-310	1 Sup 8GTL; 1059 hp	1 Sup 8GTL; 1059 hp	1 Sup 8GTL; 1059 hp
SNOW SHOE STRADDLE	GW-287	1 Caterpilla 500 HP	1 Caterpilla 500 HP	1 Caterpilla 500 HP
5-POINTS	GW-78	1Wauk H24GL; 418 hp	1Wauk H24GL; 418 hp	1Wauk H24GL; 418 hp
GALLEGOS	GW-293	1 Wauk F18; 335 hp	1 Wauk F18; 335 hp	1 Wauk F18; 335 hp
WILD HORSE	GW-79	1 unit/540 HP	1 unit/540 HP	1 unit/538 HP
COYOTE SPRINGS	GW-250	1 unit/1367 HP	1 unit/1367 HP	1 unit/1367 HP
CROUCH MESA	GW-129	1 unit/110 HP	1 unit/110 HP	1unit/677 HP

295 Chipeta Way
P.O. Box 58900
Salt Lake City, UT 84108
801/584-6543
801/584-7760

September 14, 1998

Mr. Jack Ford
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Re: Underground Line Testing Results at various Williams Field Services Facilities

Dear Mr. Ford:

Enclosed, please find a copy of the results of the underground line testing that was performed at the Williams Field Services (WFS) facilities listed below.

Trunk C (GW-259)	Carracas (GW-112)	30-5 (GW-108)
Hart Mountain (GW-208)	32-8#3 (GW-116)	30-8 (GW-133)
Decker Junction (GW-134)	Rosa #1 (GW-292)	Trunk B (GW-249)
Aztec (GW-155)	Manzanares (GW-62)	32-9 (GW-91)
Cedar Hill (GW-87)	Simms Mesa (GW-68)	Kernaghan (GW-271)
Horse Canyon (GW-61)	Trunk A (GW-248)	Trunk N (GW-306)
32-7 (GW-117)	29-7 (GW-136)	32-8#2 (GW-111)
Also Added: Moore (GW-273)	Pritchard (GW-274)	Kernaghan B-8 (GW-272)

If you have any questions concerning this submittal, please call me at 801-584-6543.

Sincerely,

Ingrid Deklau
Environmental Specialist

XC: Denny Foust, NM OCD

GW-112

PIPELINE FACILITY TEST REPORT

FORM 910 1239 (1-94)

1-WORK ORDER NO. 76-386-7500-25-97004

FACILITY DESCRIPTION

2-NAME OF FACILITY: Carracas CDP (Carracas)

3-FACILITY LOCATION: AREA: Carracas DISTRICT: Mayfield COUNTY/STATE: Rio Arriba NM

4-FACILITY TYPE
- ☐ Gathering ____ ☐ Transmission
- ☐ Line Pipe ☒ Plant/Station ☐ Vessel
- ☐ Hot Tap ☐ Line Junct. ☐ Well Setting
- ☐ Fabrication ☐ Other ____

3A-SECTION: 34 TOWNSHIP: 32N RANGE: 5W

5-PIPE MANUFACTURER:

6-PIPE DATA: DIAMETER: 4" + 2" WALL THICKNESS: 4" 3/8" 2" 1/4" SPEC. & GRADE: S-80 LENGTH OF TEST SECTION: all plant piping

7-DESCRIPTION OF PORTION TESTED (FROM — TO): Waste water system until plant

TEST SPECIFICATIONS

8-TYPE OF TEST: ☐ Strength ☐ Leak ☐ Both

9-TEST STATIONS AND ELEVATION: BEGIN LOCATION | END LOCATION | DEAD WEIGHT; HIGH POINT | LOW POINT | PRESSURE PUMP

10-REASON FOR TEST: ☐ New Facility ☐ Pre-Test ☐ Repair ☒ Retest

11-PRESSURE DATA:

PRELIMINARY LEAK PRESSURE	BEGIN STATION MINIMUM PRESSURE	END STATION MINIMUM PRESSURE
REQUIRED TEST PRESSURE: 2-OK	HIGH POINT MINIMUM PRESSURE	LOW POINT MAXIMUM PRESSURE
REQUIRED TEST DURATION: 1 hr.	TEST LIMITATIONS (VALVES, FITTINGS, ETC.)	TEST MEDIUM: Water

TEST RESULTS

12-TEST START: DATE 10-29-97 HOUR 7:00 AM

13-TEST COMPLETED: DATE 10-29-97 HOUR 8:00 AM

14-WEATHER: Mild

15-COMMENTS: Called Jerry Faust of C.C.D. & told him the test Held Jerry told me OK & could go to the next Site

TIME	D.W. PRESSURE	AMB. TEMP. °F	REMARKS

APPROVALS

DATA TAKEN BY: Bryan Kennedy

TEST WITNESSED BY:

TEST APPROVED BY: DATE:

TEST COMPANY: Sunland

DISTRIBUTION: ORIGINAL — Project Engineer, COPY — Compliance, COPY — Originator

Williams

295 Chipeta Way
P.O. Box 58900
Salt Lake City, UT 84108
801/584-6543

801/584-7760

March 30, 1998

Mr. Jack Ford
New Mexico Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Integrity Testing of Underground Lines

Dear Mr. Ford,

Enclosed for your records are copies of test reports for integrity testing conducted on underground lines at the following Williams Field Services Compressor Stations:

32-7 CDP (GW-117)
32-8#2 CDP (GW-111)
32-8#3 CDP (GW-116)
Carracas (GW-112)

If you have any questions pertaining to this submittal, please call me at (901)-584-6543.

Sincerely,

Ingrid Deklau
Environmental Specialist

enclosures

PIPELINE FACILITY TEST REPORT

FORM 910 1239 (1-94)

1-WORK ORDER NO. 7C-380-7500-29-97904

FACILITY DESCRIPTION

2-NAME OF FACILITY	3-FACILITY LOCATION AREA	DISTRICT	COUNTY/STATE
Conoco CDP	Conoco	Mamaroneck	Westchester NY

4-FACILITY TYPE

☐ Gathering ☐ Transmission
☐ Line Pipe ☒ Plant/Station ☐ Vessel
☐ Hot Tap ☐ Line Junct. ☐ Well Setting
☐ Fabrication ☐ Other

3A-SECTION	TOWNSHIP	RANGE	5-PIPE MANUFACTURER
34	32N	5W	

6-PIPE DATA

DIAMETER	WALL THICKNESS	LENGTH OF TEST SECTION
4" + 2"	3/8" 1/4"	all plant Piping
SPEC. & GRADE: S-70		

7-DESCRIPTION OF PORTION TESTED (FROM — TO): Waste Water System inside plant

TEST SPECIFICATIONS

8-TYPE OF TEST: ☐ Strength ☐ Leak ☐ Both

10-REASON FOR TEST: ☐ New Facility ☐ Pre-Test ☒ Retest ☐ Repair

9-TEST STATIONS AND ELEVATION

BEGIN LOCATION	END LOCATION	DEAD WEIGHT
HIGH POINT	LOW POINT	PRESSURE PUMP

11-PRESSURE DATA

PRELIMINARY LEAK PRESSURE	BEGIN STATION MINIMUM PRESSURE	END STATION MINIMUM PRESSURE
REQUIRED TEST PRESSURE: 5 lb.	HIGH POINT MINIMUM PRESSURE	LOW POINT MAXIMUM PRESSURE
REQUIRED TEST DURATION: 1 hr.	TEST LIMITATIONS (VALVES, FITTINGS, ETC.)	TEST MEDIUM: Water

TEST RESULTS

12-TEST START	13-TEST COMPLETED	14-WEATHER
DATE 10-29-97 HOUR 7:00 AM	DATE 10-29-97 HOUR 8:00 AM	Mild

15-COMMENTS: Called Denny Faust of C.C.D. I told him the test Held Denny told me OK I could go to the next Site

TIME	D.W. PRESSURE	AMB. TEMP. °F	REMARKS

APPROVALS

DATA TAKEN BY: Bryan M Kennedy	TEST APPROVED BY:	DATE:
TEST WITNESSED BY: Suzanne Smith	TEST COMPANY: Sunland	

DISTRIBUTION: ORIGINAL — Project Engineer, COPY — Compliance, COPY — Originator

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 6/19/97

or cash received on _____ in the amount of $ 690.00

from Williams Field Services

for Cassacs CDP (Facility Name) GW-112 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R Chacon Date: 7/31/97

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal X

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
06/19/97	[redacted]	690.00

PAY
SIX HUNDRED NINETY AND 00/100----------

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
2040 SO. PACHECO
SANTA FE NM 87505

Mary Jane Battick
TREASURER

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT [redacted] 06/19/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
GW-112		06/11/97	690.00	0.00	690.00
CARRIZOS COP					
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

WILLIAMS ENERGY GROUP

FIELD SERVICES

July 3, 1997

Mark Ashley
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Re: Carracas CDP Compressor Station, GW-112 OCD Discharge Plan Fee
Carracas CDP Compressor Station, GW-112 OCD Discharge Plan Update

Dear Mr. Ashley:

Pursuant to the requirements of Section 3-114 of the New Mexico Water Quality Control Commission Regulations and as requested in the letter dated June 11, 1997, I am enclosing check number 59363 for $690.00 to cover the Discharge Plan fees for the Carracas CDP Compressor Station. Also enclosed is a signed copy of the Conditions of Approval.

Additionally, this letter also serves as notification of various updates and clarifications to the Carracas CDP Compressor Station Discharge Plan.

- A new contact person has been assigned to this site: Ingrid Deklau, Senior Environmental Specialist, (801) 584-6543. No change to the address listed in the plan.

- Table 1 (Sources and Disposition of Process Fluids) on page 4 of the text should be clarified with the following underlined text. There are no other changes to information in the table.
  Source: Glycol Regeneration
  Disposition: Collected separately in evaporation standpipe; piped to tank containing Washdown Water.
  Source: Washdown Water
  Disposition: Collected in tank. (The word 'separately' can be deleted since this wastestream is combined with condensate from glycol regeneration.)

- The second sentence of the application letter submitted by Williams Field Services on March 14, 1997 should be clarified to read that 'WFS has permitted a third Waukesha 7042GL compressor engine and one Kohler RZ62 electrical generator with the Air Quality Bureau. Currently there are two compressors and one dehydrator operating on the site.' The additional equipment will be installed on an as-needed basis, and as the aforementioned letter indicates, no new liquid waste streams would be generated by installation of the permitted equipment.

None of the above issues represents a significant modification of the approved discharge. If you have any questions, I can be reached at (801) 584-6543. Your assistance in handling these matters

295 Chipeta Way ● P.O. Box 58900 ● Salt Lake City, Utah 84108
(801) 583-8800

is appreciated.

Sincerely,

Ingrid A. Deklau
Senior Environmental Specialist

enclosures

295 Chipeta Way ● P.O. Box 58900 ● Salt Lake City, Utah 84108
(801) 583-8800

illiams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT [redacted] 06/19/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
V-112		06/11/97	690.00	0.00	690.00
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
06/19/97	[redacted]	690.00

PAY
SIX HUNDRED NINETY AND 00/100----------

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
2040 SO. PACHECO
SANTA FE NM 87505

Mary Jane Bittick
TREASURER

[redacted]

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-111) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-8#2 CDP" compressor station located in the SE/4 NW/4, Section 27, Township 32 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-112) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "Carracas CDP" compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-116) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-8#3 CDP" compressor station located in the SE/4 NE/4, Section 9, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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(GW-118) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "31-6#1 CDP" compressor station located in the SW/4 SW/4, Section 1, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan renewal applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan renewal based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan renewal based on information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of March, 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY, Director

SEAL

NO EFFECT FINDING

The described action will have no effect on listed species, wetlands, or other important wildlife resources.

Date April 17, 1997

Consultation # 97-GWP-OCDI

Approved by

U.S. FISH and WILDLIFE SERVICE
NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE
ALBUQUERQUE, NEW MEXICO

The Santa Fe New Mexican
Since 1849. We Read You.

NM OIL DIVISION
ATTN: MARK ASHLEY

AD NUMBER: 624675 ACCOUNT: 56689
LEGAL NO: 61497 P.O. #:

343 LINES ONCE at $

Affidavits:

Tax:

Total: $ NO CHARGE

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties c Santa Fe and Los Alamos, State of New Mexico and being a New paper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 61497 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 8 day of APRIL 1997 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 8 day of APRIL A.D., 1997

OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 9/29/99

Candace C. Ruiz

REPRINT OK MA 4-11-97

202 East Marcy Street • P.O. Box 2048 • Santa Fe, New Mexico 87501
505~983~3303

NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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If no public hearing is held, the Director will approve or disapprove the proposed plan renewal based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan renewal based on the information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of March 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY,
Director
Legal #61497
Pub. April 8, 1997

Affidavit of Publication

W MEXICO }
Arriba } ss.

Trapp, being first duly sworn, declare and say that I am the Pub-
io Grande Sun, a weekly newspaper, published in the English lan-
ving a general circulation in the City of Espanola and County of
te of New Mexico, and being a newspaper duly qualified to pub-
es and advertisements under the provisions of Chapter 167 of the
f 1937; that the publication, a copy of which is hereto attached,

n said paper once each week for ..... consecutive weeks, and
y of each week in the regular issue of the paper during the time
nd that the notice was published in the newspaper proper, and

ement, the first publication being on the 3rd day of
..... 1997 and the last publication on the 3rd day
l ..... 1997; that payment for said advertisement has
r (assessed as court costs); that the undersigned has person-
the matters and things set forth in this affidavit.

Robert Trapp
Publisher

Subscribed and sworn to before me this 3rd
day of April, A.D., 1997

Notary Public

My Commission expires
4-11-97

2/6
2/9

Received p
.....

By .....

NOTICE OF
PUBLICATION
STATE OF
NEW MEXICO
ERGY, MINERALS
ND NATURAL
RESOURCES
DEPARTMENT
CONSERVATION
DIVISION
e is hereby given that
nt to New Mexico
Quality Control Com-
Regulations, the fol-
ischarge plan renewal
ions have been sub-
the Director of the Oil
vation Division, 2040
Pacheco, Santa Fe,
lexico 87505, Tele-
505) 827-7131:
-111) - Williams Field
s, Mr. Robert Mey-

Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-112) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "Carracas CDP" compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan renewal applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan renewal based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan renewal based on information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of March, 1997.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION
William J. LeMay,
Director

(SEAL)

(Published April 3, 1997.)

OK JM
4-2-97

AFFIDAVIT OF PUBLICATION

No. 37702

STATE OF NEW MEXICO
County of San Juan:

DENISE H. HENSON being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Friday, March 28, 1997;

and the cost of publication is: $114.41.

Denise H. Henson

On 3-28-97 DENISE H. HENSON appeared before me, whom I know personally to be the person who signed the above document.

Reese Olson

My Commission Expires November 1, 2000

COPY OF PUBLICATION

Legals

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-111) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-8#2 CDP" compressor station located in the SE/4 NW/4, Section 27, Township 32 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/L. The discharge plan addressed how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-112) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "Carracas CDP" compressor station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(GW-116) Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1 Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-8#3 CDP" compressor station located in the SE/4 NE/4, Section 9, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-117) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-7 CDP" compressor station located in the SW/4 SW/4, Section 34, Township 32 North, Range 7 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 1800 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-118) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "31-6#1 CDP" compressor station located in the SW/4 SW/4, Section 1, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan renewal applications may be viewed at the above address between

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/14/97,

or cash received on _____ in the amount of $ 50.00

from Williams Field Services

for Carracas CDP GW-112.
(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R.C. Anderson Date: 3/19/97

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

P. O. Box 58900
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
03/14/97	[redacted]	50.00

PAY
'IFTY AND 00/100----------

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
2040 SO. PACHECO
SANTA FE NM 87505

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT [redacted] 03/14/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
21897A	GW112 Carracas CDP	02/18/97	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-111) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "32-8#2 CDP" compressor station located in the SE/4 NW/4, Section 27, Township 32 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 335 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan renewal applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan renewal based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan renewal based on information in the discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of March, 1997.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

March 14, 1997

Mr. Roger Anderson
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87504

re: Discharge Plan Renewal: Carracas CDP Compressor Station (GW-112)

Dear Mr. Anderson,

Enclosed, please find a check for $50 to cover the application fee for the Discharge Plan Renewal of Williams Field Services Company's (WFS) Carracas CDP Compressor Station. Since the original discharge plan was approved, WFS has added a third Waukesha 7042GL compressor engine and one Kohler RZ62 electrical generator to the existing two Waukesha 7042GL compressor engines and two glycol dehydrators. No new liquid wastes are generated by this modification. WFS will continue to handle all liquid wastes in accordance with the approved OCD Discharge Plan GW-112 and this renewal.

Total site horsepower is now 4134 hp.

The landowner at this location is the U.S. National Forest Service, Gobernador District, Blanco, NM 87412, phone number (505) 326-2036.

If you have any questions, please call me at (801) 584-6135 or Lee Bauerle at -6999.

Sincerely,

Robert L. Myers II
Environmental Specialist

enclosure

xc: Denny Fourst, NMOCD District III Office

295 Chipeta Way ● P.O. Box 58900 ● Salt Lake City, Utah 84108
(801) 583-8800

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/9

Submit Origin
Plus 1 Copi
to Santa I
1 Copy to appropria
District Offi

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES, GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Carracas CDP Alt. #1
2. Operator: Williams Field Services Company

   Address: 295 Chipeta Way, P.O. Box 58900, Salt Lake City, UT 84158-0900

   Contact Person: Mr. H. Lee Bauerle Phone: (801) 584-6999
3. Location: SE /4 NW /4 Section 34 Township 32N Range 5W

   Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

I herby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: H. Lee Bauerle Title: Environmental Specialist

Signature: H Bauerle Date: 3-14-97

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

February 18, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-907

Ms. Leigh E. Gooding
Williams Field Services
P.O. Box 58900, M.S. 2G1
Salt Lake City, Utah 84158-0900

RE: Discharge Plan GW-112 Renewal
Carracas CDP Alt. #1
Rio Arriba County, New Mexico

Dear Ms. Gooding:

On June 19, 1992, the groundwater discharge plan, GW-112, for the Williams Field Services (Williams) Carracas CDP Alt. #1 located in the SE/4 NW/4, of Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on June 19, 1997.

On December 23, 1996 Williams was notified of the upcoming expiration. If the discharge plan renewal is not received and approved by the OCD by May 18, 1997, Carracas CDP Alt. #1 will be required to cease operations until the OCD receives and approves the discharge plan renewal.

If the facility continues to have potential or actual effluent or leachate discharges and Williams wishes to continue operations, the discharge plan must be renewed. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether Williams has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the Carracas CDP Alt. #1 is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50 plus a flat fee of $345 for compressor stations with a total

combined horsepower between 1,001 and 3,000. The $50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan with the first payment due the at the time of approval.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with the discharge plan renewal request.** Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to Williams in the past. If Williams requires additional copies of these items notify the OCD at (505) 827-7152. A complete copy of the regulations is also available on the OCD's website at **www.emnrd.state.nm.us/ocd/**.

If Williams no longer have any actual or potential discharges and a discharge plan is not needed, please notify this office. If Williams has any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/mwa

xc: OCD Aztec Office

P 288 258 907

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

December 23, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-887

Ms. Leigh E. Gooding
Williams Field Services
P.O. Box 58900, M.S. 2G1
Salt Lake City, Utah 84158-0900

RE: Discharge Plan GW-112 Renewal
Carracas CDP Alt. #1
Rio Arriba County, New Mexico

Dear Ms. Gooding:

On June 19, 1992, the groundwater discharge plan, GW-112, for the Williams Field Services (Williams) Carracas CDP Alt. #1 located in the SE/4, NW/4 of Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on June 19, 1997

If the facility continues to have potential or actual effluent or leachate discharges and Williams wishes to continue operations, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires (on or before February 6, 1997), then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether Williams has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the Carracas CDP Alt. #1 is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50 plus a flat fee of $345 for compressor stations with a total combined horsepower between 1,001 and 3,000. The $50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved

discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan with the first payment due the at the time of approval.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with the discharge plan renewal request.** Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to Williams in the past. If Williams requires additional copies of these items notify the OCD at (505) 827-7152. A complete copy of the regulations is also available on the OCD's website at **www.emnrd.state.nm.us/ocd.htm.**

If Williams no longer have any actual or potential discharges and a discharge plan is not needed, please notify this office. If Williams has any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,

Roger Anderson by mwa

Roger C. Anderson
Environmental Bureau Chief

RCA/mwa

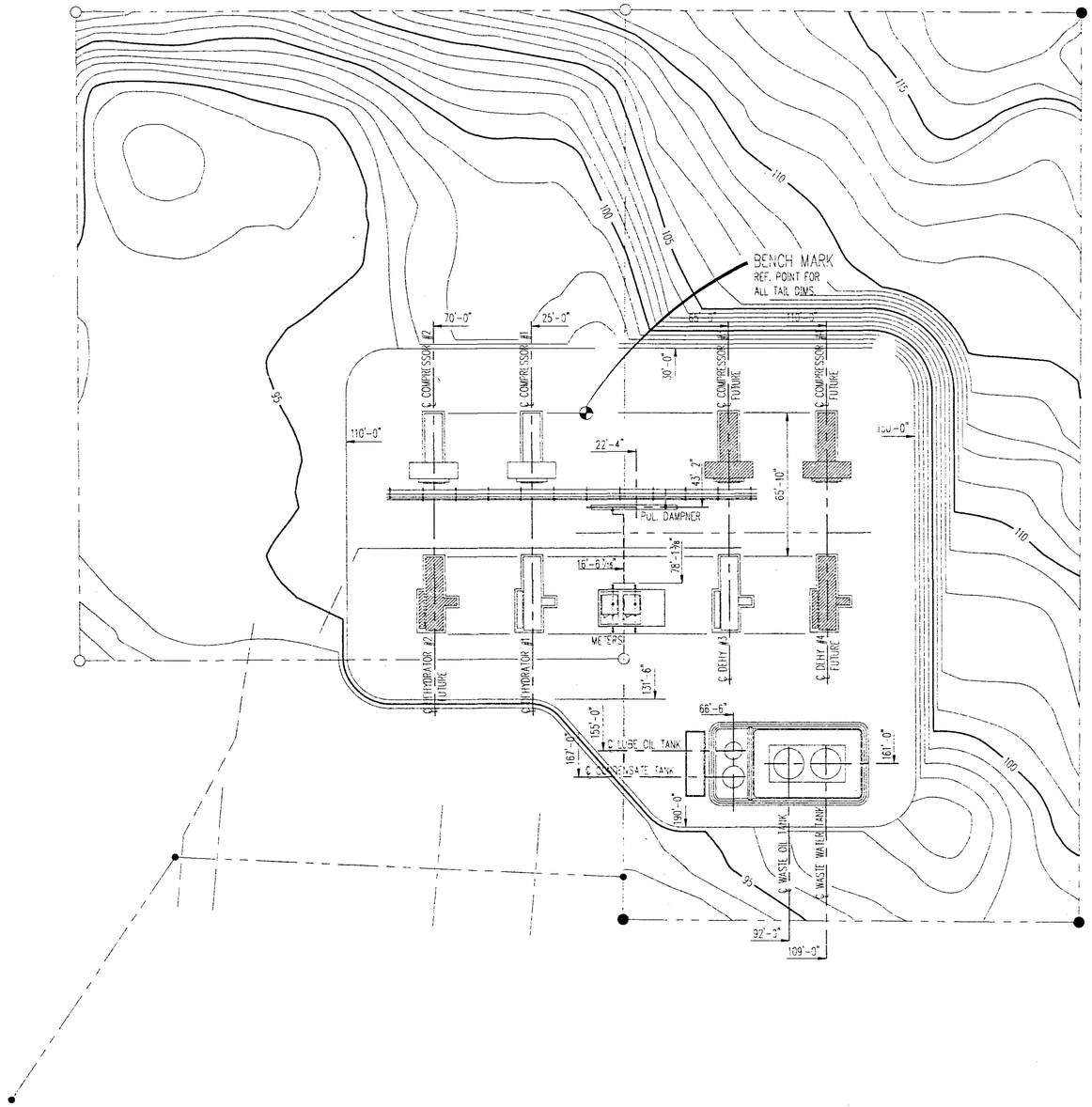
xc: OCD Aztec Office

P 288 258 857

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995



AREA = 114,846.21 Sq.Ft.
OR 2.64 ACRES

0 30 60 90
SCALE: 1" = 30'

PRODUCTION OPERATORS INC.

NO.	DATE	BY	DESCRIPTION	W.O. #	APP.
0	7/24/92	HFM	ISSUED FOR CONSTRUCTION		

REVISIONS

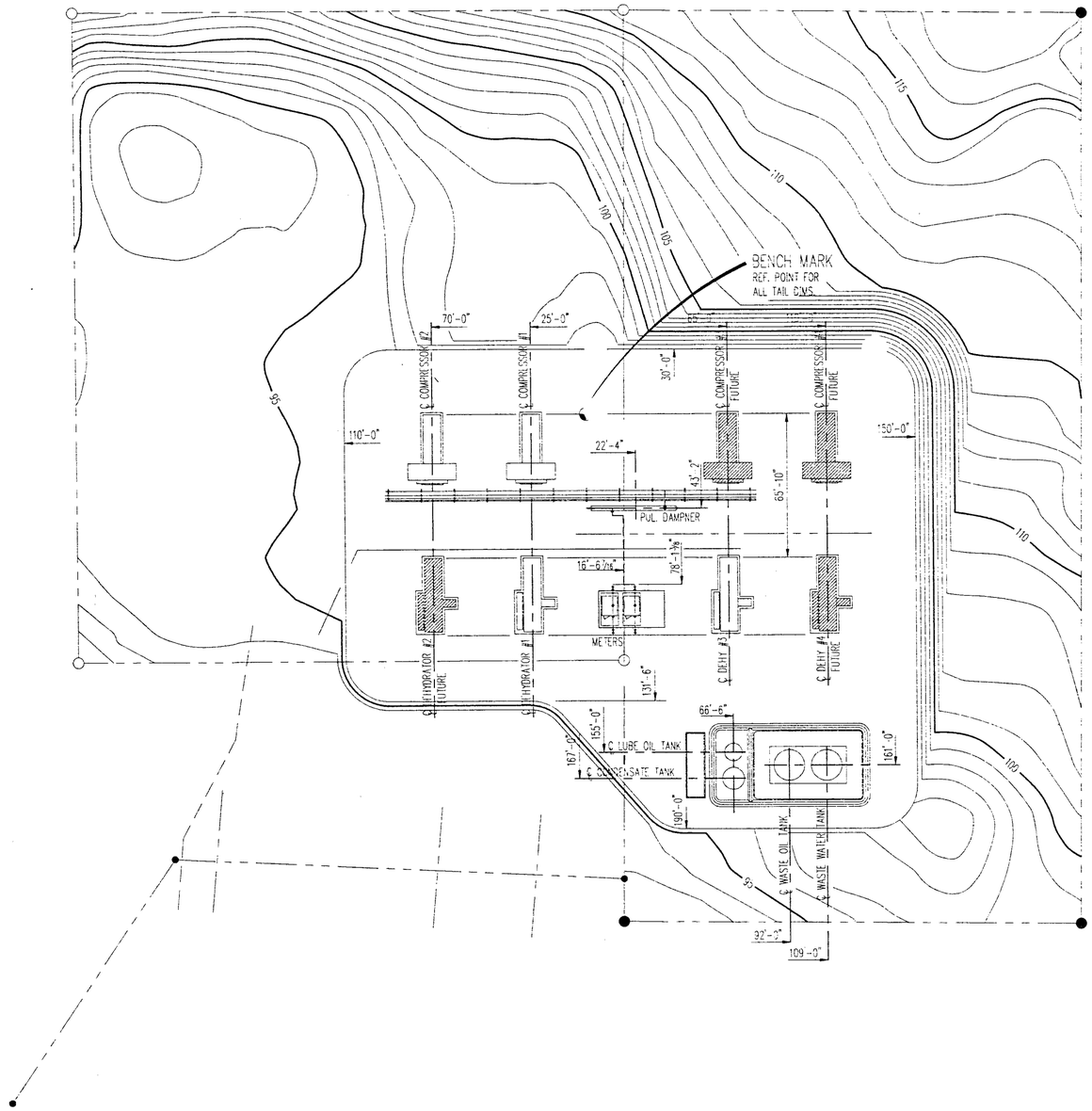
DRAFTING	BY	DATE
DRAWN	SAT	4/1/92
CHECKED		
APPROVED		
ENGINEERING	BY	DATE
C & S REVIEW		
PROJECT APPROVED		
PLOT DATE/TIME	7/20/1992 1:05 P.M.	

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

CARRACAS MESA EXPANSION
EXCAVATION & SITE LAYOUT

SCALE: 1" = 30'
W.O. # 1388-10048
DWG. NO. CAR-1-M1

EXHIBIT 2



AREA = 114,846.21 Sq.Ft.
OR 2.64 ACRES

0 30 60 90
SCALE: 1" = 30'

PRODUCTION OPERATORS INC.

NO.	DATE	BY	DESCRIPTION	W.O. #	APP.
0	7/24/92	HFM	ISSUED FOR CONSTRUCTION		

REVISIONS

DRAFTING	BY	DATE
DRAWN	SAT	4/1/92
CHECKED		
APPROVED		
ENGINEERING	BY	DATE
C & S REVIEW		
PROJECT APPROVED		
PLOT DATE/TIME	7/20/1992 1:06 P.M.	

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

CARRACAS MESA EXPANSION
EXCAVATION & SITE LAYOUT

SCALE: 1" = 30'
W.O. # 1388-10048

DWG. NO. CAR-1-M1

EXHIBIT 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

May 29, 1992

Mr. William J. Lemay
Director
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the notice of publication dated April 29, 1992, regarding the Oil Conservation Division discharge permit applications GW-113, GW-104, GW-105, GW-112, GW-116, GW-117, and GW-118 on fish, shellfish, and wildlife resources in New Mexico.

The U.S. Fish and Wildlife Service (Service) has determined there are no wetlands or other environmentally sensitive habitats, plants, or animals that will be adversely affected by the following discharges.

GW-113 - Transwestern Pipeline Company Eunice Compressor Station located in the NW 1/4 of Section 27, T22S, R37E, Lea County, New Mexico.

GW-104 - Yates Petroleum Corporation Algerita Compressor Station located in the SE 1/4, NE 1/4 of Section 16, T20S, R24E, Eddy County, New Mexico.

GW-105 - Yates Petroleum Corporation Larue Compressor Station located in the SE 1/4, NW 1/4 of Section 3, T20S, R24E, Eddy County, New Mexico.

GW-112 - Williams Field Services C.D.P. Alt. #1 Compressor Station located in the SE 1/4, NW 1/4 of Section 34, T32N, R5W, Rio Arriba County, New Mexico.

GW-116 - Williams Field Services San Juan 32-8 No. 3 CDP Compressor Station located in the SE 1/4, NE 1/4 of Section 9, T31N, R8W, San Juan County, New Mexico.

GW-117 - Williams Field Services San Juan 32-7 No. 1 CDP Compressor Station located in the SW 1/4, SW 1/4 of Section 34, T32N, R7W, San Juan County, New Mexico.

GW-118 - Williams Field Services San Juan 31-6 No. 1 CDP Compressor Station located in the SW 1/4, SW 1/4 of Section 1, T30N, R6W, Rio Arriba County, New Mexico.

If you have any questions concerning our comments, please contact Laurie S. Shomo at (505) 883-7877.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, Albuquerque, New Mexico.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/24/92,

or cash received on 7/31/92 in the amount of $ 4830.00

from Williams Field Services Company

for San Juan 32-8 No. 3 CDP; 32-7 No 1 CDP; 31-6 No. 1 COP (Facility Name) Carracas C.D.P. Alt. #1 GW-112 GW-116, GW-117, GW-118 (DP No.)

Submitted by: [signature] Date: _____

Submitted to ASD by: [signature] Date: 7/31/92

Received in ASD by: [signature] Date: 7/31/92

Filing Fee ___ New Facility X Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

SOVRAN BANK
WAVERLY, TENNESSEE
IN COOPERATION WITH FIRST INTERSTATE BANK OF UTAH, N.A.

87-128
641

[redacted]
NET AMOUNT
*******4,830.00

DATE 07/24/92 CHECK NO. [redacted]

PAY
FOUR THOUSAND EIGHT HUNDRED THIRTY AND 00/100 DOLLARS

TO THE ORDER OF
NEW MEXICO WATER QUALITY MGMT F
NEW MEXICO OIL CONSERVATION DIV
STATE LAND OFFICE BLDG. dd
SANTA FE, NM
87504

WILLIAMS FIELD SERVICES COMPANY

BY Ronald E. Houston
ASSISTANT TREASURER

[redacted]

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/10/92,

or cash received on 4/21/92 in the amount of $ 50.00

from Williams Field Svcs

for Caracas CDP alt#1 GW-112

(Facility Name) (DP No.)

Submitted by: Kathy Brown Date: 4/21/92

Submitted to ASD by: _____ Date: _____

Received in ASD by: Dorothy C. Morton Date: 4/21/92

Filing Fee X New Facility ____ Renewal ____

Modification ____ Other _____

(specify)

Organization Code 521.67 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

SOVRAN BANK
WAVERLY, TENNESSEE
IN COOPERATION WITH FIRST INTERSTATE BANK OF UTAH, N.A.

87-128
641

[redacted]

DATE 04/10/92

CHECK NO [redacted]

NET AMOUNT **********50.0

PAY
FIFTY AND 00/100 DOLLARS

TO THE ORDER OF

NEW MEXICO WATER QUALITY MGMT F
NEW MEXICO OIL CONSERVATION DIV
STATE LAND OFFICE BLDG. @@
SANTA FE, NM
87504

WILLIAMS FIELD SERVICES COMPANY

BY _____
AUTHORIZED REPRESENTATIVE

[redacted]

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/24/92,

or cash received on 7/31/92 in the amount of $ 4830.00

from Williams Field Services Company

for Carracas C.D.P. Alt. #1 San Juan 32-8 No. 3 C.D.P.; 32-7 No 1 C.D.P.; 31-6 No. 1 C.D.P. GW-112 GW-116, GW-117, GW-118
(Facility Name) (DP No.)

Submitted by: [signature] Date: _____

Submitted to ASD by: [signature] Date: 7/31/92

Received in ASD by: [signature] Date: 7/31/92

Filing Fee ____ New Facility X Renewal ____

Modification ____ Other _____
(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ____

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

SOVRAN BANK
WAVERLY, TENNESSEE
IN COOPERATION WITH FIRST INTERSTATE BANK OF UTAH, N.A.

87-128
641

[redacted]

DATE 07/24/92

CHECK NO [redacted]

NET AMOUNT ******4,830.00

PAY
FOUR THOUSAND EIGHT HUNDRED THIRTY AND 00/100 DOLLARS

WILLIAMS FIELD SERVICES COMPANY

TO THE ORDER OF

NEW MEXICO WATER QUALITY MGMT F
NEW MEXICO OIL CONSERVATION DIV
STATE LAND OFFICE BLDG. dd
SANTA FE, NM
87504

BY Ronald E. Houston
ASSISTANT TREASURER

[redacted]

AFFIDAVIT OF PUBLICATION

No. 29437

STATE OF NEW MEXICO,
County of San Juan:

CHRISTINE HILL being duly sworn, says: "That she is the NATIONAL AD MANAGER of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE

was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (//////) on the same day as follows:

First Publication WEDNESDAY, MAY 6, 1992

Second Publication

Third Publication

Fourth Publication

and the cost of publication was $ 68.56

Christine Hill

Subscribed and sworn to before me this 15th day of MAY, 1992.

Connie Andrae

Notary Public, San Juan County, New Mexico

My Comm expires: July 3, 1993

COPY OF PUBLICATI

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-112) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900 M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Carracas C.D. Pr Alt. #1 Compressor Station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-116) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900 M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-8 No. 3 CDP Compressor Station located in the SE/4 NE/4, Section 9, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-117) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900 M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-7 No. 1 CDP Compressor Station located in the SW/4 SW/4, Section 34, Township 32 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 1800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-118) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900 M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 31-6 No. 1 CDP Compressor Station located in the SW/4 SW/4, Section 1, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

SEAL

Legal No. 29437 published in the Farmington [illegible] Farmington, New

Affidavit of Publication

No. 13940

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 consecutive days weeks on the same day as follows:

First Publication May 7, 1992

Second Publication

Third Publication

Fourth Publication

Gary D. Scott

Subscribed and sworn to before me this 7th day of May 19 92

Barbara Ann Bean
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1996

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-113) - Transwestern Pipeline Company, Larry Campbell, Compliance Environmentalist, P.O. Box 1717, Roswell, New Mexico, 88202-1717, has submitted a discharge plan application for their Eunice Compressor Station located in the NW/4, Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per day of washdown water with a total dissolved solids concentration of approximately 2100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-104) - Yates Petroleum Corporation, Chuck Morgan, Compliance Engineer, 105 South 4th Street, Artesia, New Mexico, 88210, has submitted a discharge plan application for their Algerita Compressor Station located in the SE/4 NE/4, Section 16, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico. Approximately 10 gallons per day of wastewater is piped to a field tank battery prior to disposal in an OCD permitted Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s- William J. LeMay
WILLIAM J. LEMAY,
Director

SEAL

Published in the Artesia Daily Press, Artesia, N.M. May 7, 1992.

Legal 13940

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES
DEPARTMENT OIL CONSERVATION DIVISION

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(GW-116) — Williams Field Services, Robert Peacock, Project Manager, P. O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-8 No. 3 CDP Compressor Station located in the SE/4 NW/4, Section 9, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/1 is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately [illegible] mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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5.00
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Affidavit of Publication

STATE OF NEW MEXICO
County of Rio Arriba } ss.

OIL CONSERVATION DIV
RECEIVED
92 MAY 11 PM 1 9

I, Robert Trapp, being first duly sworn, declare and say that I am the Publisher of the Rio Grande Sun, a weekly newspaper, published in the English language, and having a general circulation in the City of Espanola and County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached,

was published in said paper once each week for 1 consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, the first publication being on the 7th day of May 19 92 and the last publication on the 7th day of May 19 92; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Robert Trapp
Publisher

Subscribed and sworn to before me this 7th day of May, A.D., 19 92

Ruth S. Trapp
Notary Public

My Commission expires
5-17-93

charges to the surface will be managed.

(GW-117) — Williams Field Services, Robert Peacock, Project Manager, P. O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-7 No. 1 CDP Compressor Station located in the SW/4 NW/4, Section 34, Township 32 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/1 is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 1800 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

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(GW-104) - Yates Petroleum Corporation, Chuck Morgan, Compliance Engineer, 105 South 4th Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Algerita Compressor Station located in the SE/4, NE/4, Section 18, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico. Approximately 10 gallons per day of wastewater is piped to a field tank battery prior to disposal in an OCD permitted Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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STATE OF NEW MEXICO
County of Bernalillo ss

OIL CONSERVATION DIVI
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'92 MAY 15 AM 8

Thomas J. Smithson being duly sworn declares and says that he is National Ad manager of the **Albuquerque Journal**, and that this newspaper is duly qu publish legal notices or advertisements within the meaning of Section 3, Ch Session Laws of 1937, and that payment therefore has been made or assesse costs; that the notice, a copy of which is hereto attached, was published in s in the regular daily edition,

for 1 times, the first publication being on the 14

of May, 1992, and the subsequent cons

publications on

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Pu and for the County of Bernalillo and State of Ne Mexico, this 14 day of May

Bernadette Ortiz

12-18-93

PRICE # 65.10

Statement to come at end of month.

CLA-22-A (R-12/92) ACCOUNT NUMBER C 81184

(GW-117) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, 1036 Salt Lake City, Utah 84158-090 has submitted a discharge pla application for their San Juan 32-No. 1 CDP Compressor Statio located in the SW/4 SW/4, Sectio 34, Township 34 North, Range West, NMPM, San Juan Count New Mexico. Approximately 5 ga lons per day of washdown wate with a total dissolved solids cor centration of approximately 110 mg/l is stores in an above groun steel tank prior to transport to a OCD approved offsite disposa facility. Groundwater most likely t be affected by an accidental dis charge is at a depth of approxi mately 320 feet with a total dis solved solids concentration o approximately 1800 mg/l. The dis charge plan addresses how spills leaks, and other accidental dis charges to the surface will b managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

Journal: May 14, 1992

NOTICE OF PUBLICATION

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

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(GW-112) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Carracas C.D.P. Alt. #1 Compressor Station located in the SE/4 NW/4, Section 34, Township 32 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-116) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-8 No. 3 CDP Compressor Station located in the SE/4 NE/4, Section 9, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-117) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 32-7 No. 1 CDP Compressor Station located in the SW/4 SW/4, Section 34, Township 32 North, Range 7 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 320 feet with a total dissolved solids concentration of approximately 1800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-118) - Williams Field Services, Robert Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their San Juan 31-6 No. 1 CDP Compressor Station located in

the SW/4 SW/4, Section 1, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held., A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/10/92,

or cash received on 4/21/92 in the amount of $ 50.00

from Williams Field Svcs

for Caracas CDP alt #1 GW-112
(Facility Name) (DP No.)

Submitted by: Kathy Brown Date: 4/21/92

Submitted to ASD by: _____ Date: _____

Received in ASD by: Dorothy C. Montoya Date: 4/24/92

Filing Fee X New Facility ____ Renewal ____

Modification ____ Other _____
(specify)

Organization Code 521.67 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

SOVRAN BANK
WAVERLY, TENNESSEE
IN COOPERATION WITH FIRST INTERSTATE BANK OF UTAH, N.A.
87-128
641

[redacted]

DATE 04/10/92 CHECK NO. [redacted] NET AMOUNT **********50.0(

PAY
FIFTY AND 00/100 DOLLARS

TO THE ORDER OF
NEW MEXICO WATER QUALITY MGMT F
NEW MEXICO OIL CONSERVATION DIV
STATE LAND OFFICE BLDG.
SANTA FE, NM
87504

WILLIAMS FIELD SERVICES COMPANY

BY _____
AUTHORIZED REPRESENTATIVE

[redacted]

WILLIAMS FIELD SERVICES COMPANY SALT LAKE CITY, UTAH 84158-0900 PLEASE DETACH BEFORE DEPOSITING [redacted]

VOUCHER NUMBER	INVOICE NUMBER	PURCH ORDER	INVOICE DATE	AMOUNT	COUNT	NET AMOUNT
041156	CARR/DIS NG		04-02-92	50.00	.00	50.00
		TOTALS		50.00	.00	50.00

CR

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900
SALT LAKE CITY, UTAH 84158-0900
801-583-8800
FAX: (801) 584-6483

April 16, 1992

Mr. Roger Anderson
New Mexico Oil Conservation Division
State Land Office Building
310 Old Santa Fe Trail
Santa Fe, New Mexico 87504

GW - 112

Re: Discharge Plan for the Carracas C.D.P. Alt. #1 - Rio Arriba County

Dear Mr. Anderson:

Enclosed please find three copies of the Williams Field Services Discharge Plan for the Carracas C.D.P. Alt. #1, located in Rio Arriba County. Also enclosed is a check for $50.00, payable to the New Mexico Water Quality Management Fund, to cover the application fee for the above referenced project.

Williams Field Services engineering section has not yet received the final engineering drawings for this C.D.P.. The site plan for this C.D.P., referenced as Exhibit 2 in the text of the Discharge Plan, will be submitted as soon as it is available. Please contact me at (801) 584-6716 if there will be a problem with submitting this discharge plan application to public comment prior to receiving the final site plan.

Your assistance in processing this discharge plan is appreciated.

Sincerely,

Carol Revelt

Carol Revelt
Environmental Specialist

Attachment

cc: D. Compton, 10309

DISCHARGE PLAN

CARRACAS C.D.P. ALT. #1

Williams Field Services

APRIL, 1992

1.0 GENERAL INFORMATION

1.1 Legally Responsible Party

Williams Field Services
Carracas C.D.P. Alt. #1
P.O. Box 58900, M.S. 10368
Salt Lake City, Utah 84158-0900
(801) 584-6716

Contact Person

Carol Revelt
Environmental Specialist
(801) 584-6716
Address, Same as Above

1.2 Location of Discharge

The Carracas C.D.P. Alt. #1 is located in the SE NW of Section 34, Township 32 North, Range 5 West, Rio Arriba County. A vicinity map is attached (Bancos Mesa, New Mexico) as Exhibit 1. A site plan is provided as Exhibit 2. The cleared site for this Compressor Station is approximately 4.7 acres. The site boundary survey is provided in Figure 1.

1.3 Type of Natural Gas Operation

The Carracas C.D.P. Alt. #1 will provide metering, compression, and dehydration services to various producers for the gathering of coal seam methane gas (Fruitland Coal Formation) on a contract basis for ultimate delivery through the WFS Milagro Plant (CO_2 removal) near Bloomfield, New Mexico.

Two (2) 895 horse power (site rated), skid mounted, self contained, natural gas fired lean-burn compressor units and two (2) skid mounted, self contained glycol dehydrators are currently planned for this site.

This facility is classified as a field compressor station; there will be no formal office or other support facilities not essential to field compression.

1.4 Affirmation

I hereby certify that I am familiar with the information contained in and submitted with this application and that such information is true, accurate and complete to the best of my knowledge and belief.

Signature — April 16, 1992 (Date)

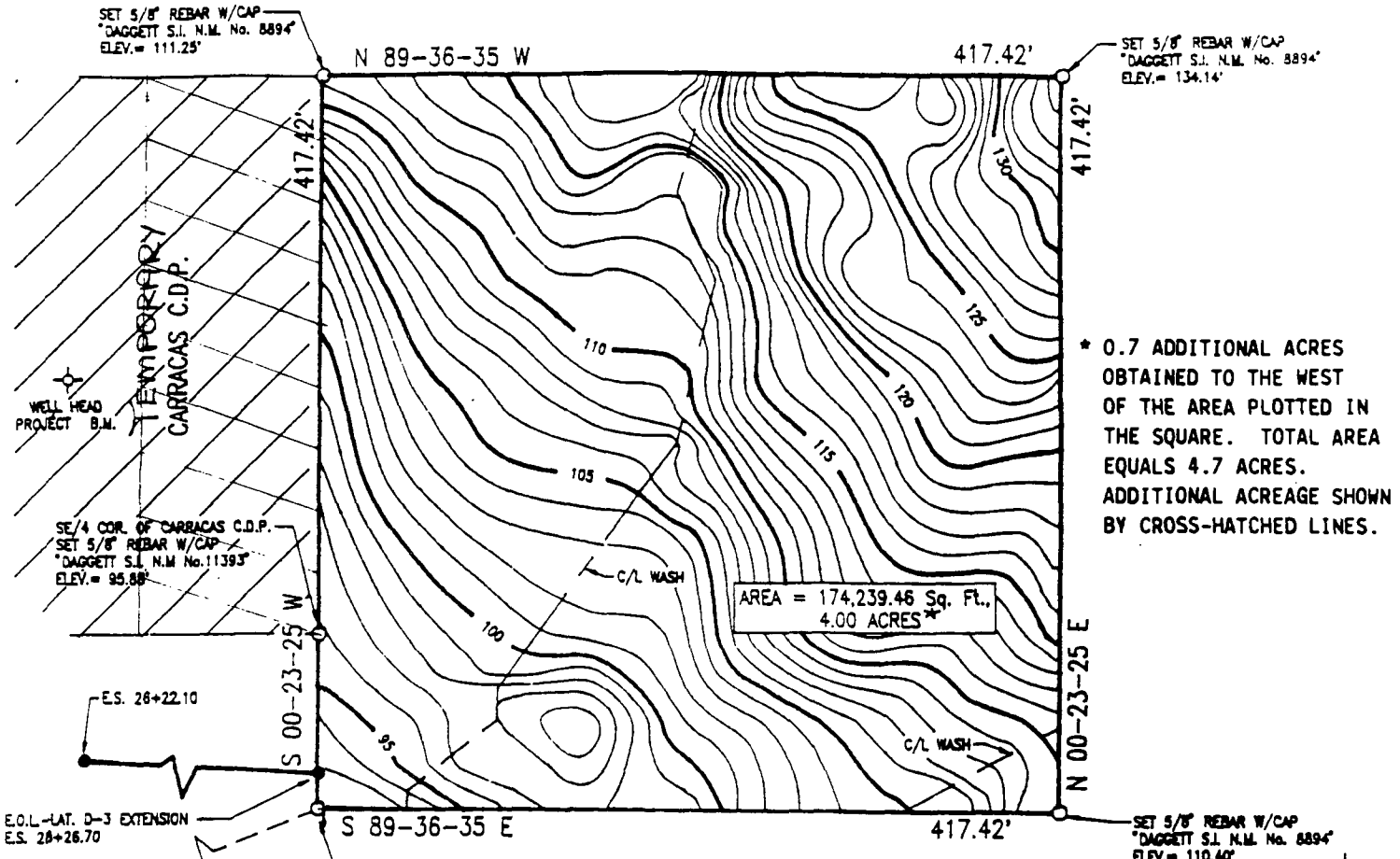
Robert Peacock (Name) — Project Manager (Title)

A SURVEY FOR

WILLIAMS FIELD SERVICES

CARRACAS C.D.P. ALT. #1

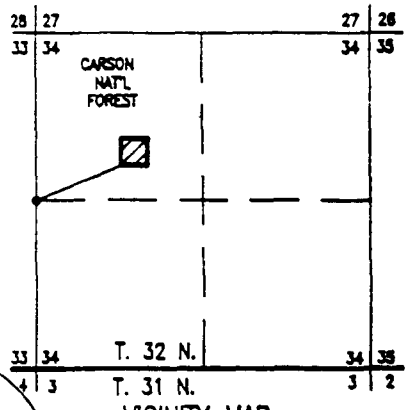
NW/4 SEC.34, T.32 N., R.5 W., N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO



* 0.7 ADDITIONAL ACRES OBTAINED TO THE WEST OF THE AREA PLOTTED IN THE SQUARE. TOTAL AREA EQUALS 4.7 ACRES. ADDITIONAL ACREAGE SHOWN BY CROSS-HATCHED LINES.

33 | 34 (TIE) N 67-48-14 E 1467.81'
FD. B.C. 1/4 COR. U.S. GLO. 1924

POINT OF BEGINNING
SET 5/8" REBAR W/CAP "DAGGETT S.I. N.M. No. 8894" ELEV.= 91.65'



VICINITY MAP
SCALE: 1" = 3000'

NOTES:

1.) BASIS OF BEARING: SOLAR OBSERVATION
2.) O = SET 5/8" REBAR W/CAP "DAGGETT S.I. N.M. No.8894"
3.) AREA = 174,239.46 Sq. Ft., OR 4.00 ACRES
4.) BASIS OF ELEVATION: SOUTH EDGE OF WELL HEAD FLANGE ON WEST SIDE OF C.D.P. ASSUMED ELEV. = 100.00'

ROY A. RUSH NEW MEXICO 8894 PROFESSIONAL LAND SURVEYOR

DATE: 11-5-91

0 50 100
SCALE: 1"=100'

REVISION	REV. BY	DATE

I, ROY A. RUSH, A DULY QUALIFIED LAND SURVEYOR LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THIS SURVEY MEETS THE AMENDED MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO.

DAGGETT SURVEYING, INC.
P.O. BOX NO.2789
FARMINGTON, NEW MEXICO 87401
(505) 326-1772
REGISTERED LAND SURVEYOR
NEW MEXICO No.8894

DRAWN: J.P.D. P.O.W. # NW135 DWG. REF: NW135C17

FIGURE 1

2.0 GENERAL PROCESSES

2.1 Process Fluids

Table 1 lists the sources and planned disposition of liquid waste process and fluids with approximations of the quantity and quality type. Material Safety Data Sheets for glycol and oil used in the equipment are provided in Appendix A. Once a sufficient amount of representative waste is generated at a typical field compressor station in the region, Williams Field Services will obtain a grab sample for chemical analysis as listed below. The samples will be collected directly at the source. Sampling and analytical techniques will conform with standard methods referenced in WQCC 107.B.

Sample	Parameters
Washdown Wastewater	TDS, pH, BETX, As, Ba, Cd, Cr, Pb, Hg, TOX.
Used Motor Oil	As, Cd, Cr, Pb, TOX, Flash Point

Additional Chemicals listed in WQCC 1-101.44 and 3-103 are not expected to be present in any process fluids or in the coal seam gas transported at the Carracas C.D.P. Alt. #1.

2.2 Spill/Leak Prevention and Housekeeping Procedures

Production Operators, Incorporated (POI) will be contracted to operate and maintain the facility. The facility will be inspected several times per week at a minimum and a POI operator will be on call 24 hours per day, 7 days per week, 52 weeks per year. The facility will be remotely monitored for equipment malfunction. Production Operators must comply with Williams' spill response procedures.

Environmental Protection will be a contractual obligation as follows:

POLLUTION/HAZARDOUS WASTE. POI shall take all necessary precautions to control pollution of any kind resulting from POI's operation of the Compression Equipment. At POI's sole cost, all hazardous substances, hazardous wastes and oil will be managed to prevent contamination of property and associated surface and groundwater resources.

POI will comply with all applicable spill reporting and recordkeeping requirements of federal, state and local laws and regulations pertaining to hazardous substances, hazardous wastes and oil. POI shall be responsible for all costs related to the cleanup and disposal of contaminated material as well as personal or property damage resulting from such contamination on said property. Hazardous wastes will be properly stored and disposed of in accordance with applicable state and federal laws and regulations.

TABLE 1

Sources and Disposition of
Process Fluids

Source	Disposition	Quantity	Quality Type	Additives
Compressor Engines	Collected Separately in tank	250 gal each quarter	Used Motor Oil	None
Glycol Re-generation	Collected Separately in Evaporation Standpipe	30 gpd	Distilled Water	Triethylene Glycol
Gas Inlet Separator	Collected Separately in Blowdown Tank	trace, available for upsets	High TDS Water	None
Washdown water	Collected separately in tank	Intermittent	Rainwater, tapwater with traces of used motor oil & TEG	Soap
Lube Oil	Compressor Engines		Motor Oil	None

For overflow containment, the tanks on the saddle racks are underlain by concrete splash aprons equipped with retainment curbs. Fluids which collect within the curbed area drain through a pipe into a closed containment system. A drip pan will be placed beneath the catwalk adjacent to the oil filter on each compressor unit to contain spillage during maintenance activities.

William's corporate policy and procedure for the controlling and reporting of Discharges or Spills of Oil or Hazardous Substances is provided in Appendix B. Significant spills and leaks will be reported to the OCD pursuant to Rule 116 using the OCD form (see Appendix B).

Spill containment dikes around the bulk storage tanks will contain 1 1/3 volume of the largest vessel. Spill containment is also provided around the tank loading valves.

Surface runoff will be diverted around the site by the use of drainage ditches (see Exhibit 2). Surface runoff within the site will drain by sheet flow to the southwest.

All pressure vessels on site have been tested in accordance with the requirement of the ASME Boiler and Pressure Vessel Code. All interconnecting gas piping on site has been tested in accordance with the requirements of the ASME Code for Pressure Piping, B31.8 Gas Transmission and Distribution Piping Systems.

2.3 Disposal of Waste Fluids

The disposition of waste fluids is described in Table 1 of section 2.1.

Used motor oil is collected in a closed piping system from each individual unit to a common above ground collection tank and trucked from the site by an EPA registered used oil marketer or recycler.

Distilled water vapor which condenses within the steam line of the glycol regeneration process is collected separately in a standpipe adjacent to each dehydrator. The water gravity drains from the standpipe to tank in a closed piping system and is trucked from the site to an NMOCD authorized disposal facility.

Washdown wastewater from engine deck plates is collected in a closed piping system directly to the wastewater storage tank and disposed of at a commercial facility authorized by the NMOCD.

Porta-pottys present at this facility will be serviced under a contract requiring proper sewage disposal in accordance with applicable laws and regulations.

3.0 Site Characteristics

A. Hydrologic Features

The Carracas C.D.P. Alt. #1 is located in the SE NW of Section 34, Township 32 North, Range 5 West, Rio Arriba on the southern edge of Middle Mesa. The graded site elevation is approximately 6,400 feet above sea level. Soils at this site are mainly clayey loams and vegetation consists primarily of grasses with scattered sagebrush, oakbrush, and pine trees. Approximately 50% of the site has been disturbed by previous construction. The site is bordered by dense woodland with ponderosa and pinion trees. The site is underlain by the sandstones and shales of the San Jose and Nacimiento Formations.

The site is located on a gentle southwest-facing slope approximately 0.40 north of, and 100 vertical feet above Bancos Canyon. Runoff from the site drains into a small un-named canyon west of the junction of Cottonwood and Bancos Canyons. Intermittent flow within this un-named canyon feeds into Bancos Canyon which drains into the upper reaches of Navajo Reservoir. A review of the available hydrologic data[1] for this area revealed that the closest documented source of ground water down-gradient of this site is located in the alluvial deposits of Bancos Canyon more than 100 vertical feet below the site. Ground water within these alluvial deposits flows west toward Navajo Reservoir and is expected to have a total dissolved solids concentration of approximately 2,000 mg/l. Records from the New Mexico State Engineers office in Albuquerque indicate Nassau Resources drilled a well in Section 20, T 32 N, R 4 W, which was perforated from 800 to 928 feet below ground level.

The nearest down-gradient perennial source of surface water to the site is Navajo Reservoir, located approximately 2.0 miles west of the Carracas C.D.P. Alt. #1 at approximately 6,100 feet in elevation.

B. Flood Protection

After final excavation and grading are complete, surface water runoff from the area surrounding the site will be diverted south-southwest into the natural wash at the southeast corner of the site.

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[1] Klausing, R.L. and G.E. Welder, "Availability of Hydrologic Data in San Juan County, New Mexico:, U.S.G.S. Open-File Report 84-608, 1984.

Lyford, F.P., "Ground Water in the San Juan Basin, New Mexico and Colorado", U.S.G.S. Water-Resource Investigations 79-73, May, 1979.

Stone, W.J., F.P. Lyford, P.F. Frenzel, N.H. Mizel, E.P. Padgett, "Hydrogeology and Water Resources of San Juan Basin, New Mexico", Hydrologic Report 6, New Mexico Bureau of Mines & Mineral Resources, 1983.

A

EXHIBIT "A"
MATERIAL SAFETY DATA SHEETS

Mobil

605816 PAGE 1 OF 5

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 01/12/89

I. PRODUCT IDENTIFICATION

MOBIL PEGASUS 485

SUPPLIER:
MOBIL OIL CORP.

CHEMICAL NAMES AND SYNONYMS:
PET. HYDROCARBONS AND ADDITIVES

USE OR DESCRIPTION:
INDUSTRIAL LUBRICANT

HEALTH EMERGENCY TELEPHONE:
(212) 883-4411

TRANSPORT EMERGENCY TELEPHONE:
(800) 424-9300 (CHEMTREC)

PRODUCT TECHNICAL INFORMATION:
(800) 662-4525

II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: ASTM 5.0 LIQUID ODOR: MILD PH: NA
VISCOSITY AT 100 F, SUS: 650.0 AT 40 C, CS: 72.0
VISCOSITY AT 210 F, SUS: 70.0 AT 100 C, CS: 13.0
FLASH POINT F(C): 480(249) (ASTM D-92)
MELTING POINT F(C): NA POUR POINT F(C): 10(-12)
BOILING POINT F(C): > 600(316)
RELATIVE DENSITY, 15/4 C: 0.89 SOLUBILITY IN WATER: NEGLIGIBLE
VAPOR PRESSURE-MM HG 20C: < .1

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

III. INGREDIENTS

	WT PCT (APPROX)	EXPOSURE LIMITS MG/M3	PPM	SOURCES (AND NOTES)
POTENTIALLY HAZARDOUS INGREDIENTS:				
NONE				
OTHER INGREDIENTS:				
REFINED MINERAL OILS	>90			
ADDITIVES AND/OR OTHER INGREDS.	<10			

SEE SECTION XII FOR COMPONENT REGULATORY INFORMATION.

SOURCES: A=ACGIH-TLV, A*=SUGGESTED-TLV, M=MOBIL, O=OSHA, S=SUPPLIER
NOTE: LIMITS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

IV. HEALTH HAZARD DATA

--- INCLUDES AGGRAVATED MEDICAL CONDITIONS, IF ESTABLISHED ---

EFFECTS OF OVEREXPOSURE: NOT EXPECTED TO BE A PROBLEM.

V. EMERGENCY AND FIRST AID PROCEDURES

--- FOR PRIMARY ROUTES OF ENTRY ---

EYE CONTACT: FLUSH WITH WATER.
SKIN CONTACT: WASH CONTACT AREAS WITH SOAP AND WATER.
INHALATION: NOT EXPECTED TO BE A PROBLEM.
INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF GREATER THAN 1/2 LITER(PINT) INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND CALL A PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER FOR ASSISTANCE. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Mobil

********** VI. FIRE AND EXPLOSION HAZARD DATA **********

FLASH POINT F(C): 480(249) (ASTM D-92)
FLAMMABLE LIMITS. LEL: .6 UEL: 7.0
EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL AND WATER FOG.
SPECIAL FIRE FIGHTING PROCEDURES: WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM EXPOSURE. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
NFPA HAZARD ID: HEALTH: 0, FLAMMABILITY: 1, REACTIVITY: 0

********** VII. REACTIVITY DATA **********

STABILITY (THERMAL, LIGHT, ETC.): STABLE
CONDITIONS TO AVOID: EXTREME HEAT
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

********** VIII. SPILL OR LEAK PROCEDURE **********

ENVIRONMENTAL IMPACT: REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES. U. S. COAST GUARD REGULATIONS REQUIRE IMMEDIATE REPORTING OF SPILLS THAT COULD REACH ANY WATERWAY INCLUDING INTERMITTENT DRY CREEKS. REPORT SPILL TO COAST GUARD TOLL FREE NUMBER 800-424-8802.
PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: ADSORB ON FIRE RETARDANT TREATED SAWDUST, DIATOMACEOUS EARTH, ETC. SHOVEL UP AND DISPOSE OF AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.
WASTE MANAGEMENT: PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED, CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION. SUCH BURNING MAY BE LIMITED PURSUANT TO THE RESOURCE CONSERVATION AND RECOVERY ACT. IN ADDITION, THE PRODUCT IS SUITABLE FOR PROCESSING BY AN APPROVED RECYCLING FACILITY OR CAN BE DISPOSED OF AT ANY GOVERNMENT APPROVED WASTE DISPOSAL FACILITY. USE OF THESE METHODS IS SUBJECT TO USER COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS AND CONSIDERATION OF PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

********** IX. SPECIAL PROTECTION INFORMATION **********

EYE PROTECTION: NO SPECIAL EQUIPMENT REQUIRED.
SKIN PROTECTION: NO SPECIAL EQUIPMENT REQUIRED. HOWEVER, GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.
RESPIRATORY PROTECTION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.
VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE AND WITH ADEQUATE VENTILATION.

********** X. SPECIAL PRECAUTIONS **********

NO SPECIAL PRECAUTIONS REQUIRED.

XI. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): LD50: > 5 G/KG SLIGHTLY TOXIC(ESTIMATED) --- BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

DERMAL TOXICITY (RABBITS): LD50: > 2 G/KG SLIGHTLY TOXIC(ESTIMATED) --- BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

INHALATION TOXICITY (RATS): NOT APPLICABLE ---HARMFUL CONCENTRATIONS OF MISTS AND/OR VAPORS ARE UNLIKELY TO BE ENCOUNTERED THROUGH ANY CUSTOMARY OR REASONABLY FORESEEABLE HANDLING, USE, OR MISUSE OF THIS PRODUCT.

EYE IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

SKIN IRRITATION (RABBITS): EXPECTED TO BE NON-IRRITATING. ---BASED ON TESTING OF SIMILAR PRODUCTS AND/OR THE COMPONENTS.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

SEVERELY SOLVENT REFINED AND SEVERELY HYDROTREATED MINERAL BASE OILS HAVE BEEN TESTED AT MOBIL ENVIRONMENTAL AND HEALTH SCIENCES LABORATORY BY DERMAL APPLICATION TO RATS 5 DAYS/WEEK FOR 90 DAYS AT DOSES SIGNIFICANTLY HIGHER THAN THOSE EXPECTED DURING NORMAL INDUSTRIAL EXPOSURE. EXTENSIVE EVALUATIONS INCLUDING MICROSCOPIC EXAMINATION OF INTERNAL ORGANS AND CLINICAL CHEMISTRY OF BODY FLUIDS, SHOWED NO ADVERSE EFFECTS.

---CHRONIC TOXICOLOGY (SUMMARY)---

THE BASE OILS IN THIS PRODUCT ARE SEVERELY SOLVENT REFINED AND/OR SEVERELY HYDROTREATED.~ TWO YEAR MOUSE SKIN PAINTING STUDIES OF SIMILAR OILS SHOWED NO EVIDENCE OF CARCINOGENIC EFFECTS.

********** XII. REGULATORY INFORMATION **********

GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE WITH TSCA.
D.O.T. SHIPPING NAME: NOT APPLICABLE
D.O.T. HAZARD CLASS: NOT APPLICABLE
US OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS.

RCRA INFORMATION: THE UNUSED PRODUCT, IN OUR OPINION, IS NOT SPECIFICALLY LISTED BY THE EPA AS A HAZARDOUS WASTE (40 CFR, PART 261D); DOES NOT EXHIBIT THE HAZARDOUS CHARACTERISTICS OF IGNITABILITY, CORROSIVITY, OR REACTIVITY, AND IS NOT FORMULATED WITH THE METALS CITED IN THE EP TOXICITY TEST. HOWEVER, USED PRODUCT MAY BE REGULATED.

U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III:
THIS PRODUCT CONTAINS NO "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (302) REPORTABLE HAZARD CATEGORIES: NONE

THIS PRODUCT CONTAINS NO CHEMICALS REPORTABLE UNDER SARA (313) TOXIC RELEASE PROGRAM.

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
*** NO REPORTABLE INGREDIENTS ***		

--- KEY TO LIST CITATIONS ---

1 = OSHA Z, 2 = ACGIH, 3 = IARC, 4 = NTP, 5 = NCI,
6 = EPA CARC, 7 = NFPA 49, 8 = NFPA 325M, 9 = DOT HMT, 10 = CA RTK,
11 = IL RTK, 12 = MA RTK, 13 = MN RTK, 14 = NJ RTK, 15 = MI 293,
16 = FL RTK, 17 = PA RTK, 18 = CA P65.

--- NTP, IARC, AND OSHA INCLUDE CARCINOGENIC LISTINGS ---

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

****

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

****

PREPARED BY: MOBIL OIL CORPORATION
ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPARTMENT, PRINCETON, NJ
FOR FURTHER INFORMATION, CONTACT:
MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL
3225 GALLOWS ROAD, FAIRFAX, VA 22037 (703) 849-3265

Mobil

MOBIL PEGASUS 485 605816

********** APPENDIX **********

FOR MOBIL USE ONLY: (FILL NO: RN1023D1001) MCN: , MHC: 1* 1* NA 0* 0*, MPPEC: , PPEC: , US83-002 APPROVE 08/23/83

Distributed by
Coastal Chemical Company

Date Issued: 12/10/91
Supercedes: 04/10/91

TEXACO
MATERIAL SAFETY DATA SHEET

NOTE: Read and understand Material Safety Data Sheet before handling or disposing of product

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL IDENTITY

Product Code and Name:
76024 TRIETHYLENE GLYCOL

Chemical Name and/or Family or Description:
Glycol

Manufacturer's Name and Address:
Texaco Chemical Company
P.O. Box 27707 Houston, TX 77227

Telephone Numbers:
TRANSPORTATION EMERGENCY Company: (409) 727-0631 CHEMTREC: (800) 424-9300
HEALTH EMERGENCY Company: (914) 831-2400
GENERAL MSDS ASSISTANCE (914) 838-7204
TECHNICAL INFORMATION Fuels: (914) 838-7336; Lubricants/Antifreezes: (914) 838-7509
Chemicals: (512) 459-6543

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product and/or Component(s) Carcinogenic According to:	OSHA	IARC	NTP	OTHER	NONE
	-	-	-	-	X

Composition:

Chemical/Common Name	CAS No.	Exposure Limit	Range in %
* Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis-	112276	None Established	100.00

Product is hazardous according to OSHA (1910.1200).
* Component(s) is hazardous according to OSHA or one or more state Right-to-Know laws.

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance and Odor: colorless liquid, slight odor

WARNING STATEMENT

NONE CONSIDERED NECESSARY

HMIS				NFPA			
Health:	0	Reactivity:	0	Health:	0	Reactivity:	0
Flammability:	1	Special:	-	Flammability:	1	Special:	-

POTENTIAL HEALTH EFFECTS

	EYE	SKIN	INHALATION	INGESTION
Primary Route of Exposure:	X	X	X	-

Effects of Overexposure

Acute

Eyes:
May cause minimal irritation, experienced as temporary discomfort.

Skin:
No adverse effects expected from absorption of material through the skin.

Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.

N.D. - Not Determined N.A. - Not Applicable N.T. - Not Tested
< - Less Than > - Greater Than

PRODUCT CODE: 75014
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91
Supercedes: 04/10/91

3. HAZARD IDENTIFICATION (CONT)

Inhalation:
Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Ingestion:
No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Sensitization Properties:
Unknown.

Chronic:
No adverse effects anticipated.

Medical Conditions Aggravated by Exposure:
Repeated overexposure may aggravate or enhance existing nervous system dysfunction produced by disorders known to cause nervous system damage, such as diabetes, alcohol or drug abuse, and Parkinson's disease.

Repeated overexposure may aggravate existing kidney disease.

Because of its defatting properties, prolonged and repeated skin contact may aggravate an existing dermatitis (skin condition).

Other Remarks:
None

4. FIRST AID MEASURES

Eyes:
Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Skin:
Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

Ingestion:
If more than several mouthfuls have been swallowed, give two glasses of water (16 oz.). Get medical attention.

Inhalation:
If irritation, headache, nausea, or drowsiness occurs, remove to fresh air! Get medical attention if breathing becomes difficult or symptoms persist.

Other Instructions:
None

5. FIRE-FIGHTING MEASURES

Ignition Temp. Degrees F.: N.D. Flash Point Degrees F. (Method): 328 F (COC)
Flammable Limits (%) Lower: N.D. Upper: N.D.

Recommended Fire Extinguishing Agents And Special Procedures:
According to NFPA Guide, use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop the leak.

N.D. - Not Determined N.A. - Not Applicable N.T. - Not Tested
< - Less Than > - Greater Than

PRODUCT CODE: 75024
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91
Supercedes: 04/10/91

5. FIRE-FIGHTING MEASURES (CONT)

Unusual or Explosive Hazards:
None

6. ACCIDENTAL RELEASE MEASURES (Transportation Spills Call: CHEMTREC (800) 424-9300)

Procedures in Case of Accidental Release, Breakage or Leakage:
Contain spill if possible, contain with absorbent materials such as clay or soil, and shovel up. Avoid skin and eye contact.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage:
Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection:
Chemical-type goggles or face shield recommended to prevent eye contact.

Skin Protection:
Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry-cleaned at least once a week.

Respiratory Protection:
Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated, use respirator approved by MSHA or NIOSH as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See below for applicable permissible concentrations.

Ventilation:
Local exhaust ventilation recommended if generating vapor, dust, or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate.

Exposure Limit for Total Product:
None established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: colorless liquid, slight odor
Boiling Point (Degrees F.): 550
Specific Gravity: 1.1255 (H2O=1)
pH of undiluted product: 7.0
Vapor Pressure: <0.01 mmHg
Viscosity: 49 cP @ 20 C

Percent VOC: 100
Vapor Density: 5.17 Air=1
Solubility in Water: sol.
Other: -

10. STABILITY AND REACTIVITY

This Material Reacts Violently With: (If others is checked below, see comments for details)

Air	Water	Heat	Strong Oxidizers	Others	None of These
-	-	-	-	-	X

N.D. - Not Determined N.A. - Not Applicable N.T. - Not Tested
< - Less Than > - Greater Than

PRODUCT CODE: 78004
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91
Supercedes: 04/10/91

10. STABILITY AND REACTIVITY (CONT)

Comments:
None

Products Evolved When Subjected to Heat or Combustion:
Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids, and ketones.

	OCCUR	DO NOT OCCUR
Hazardous Polymerizations:	_	X

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION(ANIMAL TOXICITY DATA)
Median Lethal Dose (LD50 LC50) (Species)
Oral: believed to be > 5 g/kg (rat); practically non-toxic
Inhalation: No effect (monkey,rat); saturated atmosphere
Dermal: believed to be > 3 g/kg (rabbit); practically non-toxic
Irritation Index, Estimation of Irritation (Species)
Skin: believed to be < 0.5/8.0 (rabbit); no appreciable effect
Eyes: believed to be < 15/110 (rabbit); no appreciable effect
Sensitization: N.D.
Other:
None

12. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS
This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

REMARKS
None

13. TRANSPORT INFORMATION

TRANSPORTATION
DOT: PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: N.D.
IDENTIFICATION NUMBER: N.D.
LABEL REQUIRED: N.D.

IMDG: PROPER SHIPPING NAME: N.D.

IATA: PROPER SHIPPING NAME: N.D.

TDG: PROPER SHIPPING NAME: Not Regulated.

HAZARD CLASS: N.D.
IDENTIFICATION NUMBER: N.D.
LABEL REQUIRED: N.D.

N.D. - Not Determined N.A. - Not Applicable N.T. - Not Tested

PRODUCT CODE: 75024
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91
Supercedes: 04/10/91

14. REGULATORY INFORMATION

A. SARA TITLE III

Title III Section 302/304 Extremely Hazardous Substance:

Component	CAS No.	Percent	RQ (lbs)	TPQ (lbs)
NONE				

CERCLA Section 102(a) Hazardous Substance

Component	CAS No.	Percent	RQ (lbs)
NONE			

Title III Section 311 Hazard Categorization

Acute	Chronic	Fire	Pressure	Reactive	Not Applicable
X	-	-	-	-	-

Title III Section 313 Toxic Chemicals

Component	CAS No.	Percent
NONE		

B. WHMIS CLASSIFICATION
Not Regulated

C. MICHIGAN CRITICAL MATERIALS
No critical materials present.

15. OTHER INFORMATION

None

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT FOR PURPOSE OF HAZARD COMMUNICATION AS PART OF TEXACO'S PRODUCT SAFETY PROGRAM. IT IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILTIY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT OR THE INFORMATION CONTAINED HEREIN. DATA SHEETS ARE AVAILABLE FOR ALL TEXACO PRODUCTS. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL TEXACO PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE AND YOU ARE ENCOURAGED AND REQUESTED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

TO DETERMINE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, USER SHOULD CONSULT HIS LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. TEXACO DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.

Date: 12-10-91 _ New X Revised, Supersedes: 04-10-91
Date Printed: 01-14-92

Inquiries regarding MSDS should be directed to:
Texaco Chemical Co.
EHS - Product Safety Coordinator
P.O. Box 27707
Houston, TX 77227-7707

PLEASE SEE NEXT PAGE FOR PRODUCT LABEL

N.D. - Not Determined N.A. - Not Applicable N.T. - Not Tested
< - Less Than > - Greater Than

PRODUCT CODE: 75024
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91
Supercedes: 04/10/91

16. PRODUCT LABEL

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT

75024 TRIETHYLENE GLYCOL

WARNING STATEMENT

NONE CONSIDERED NECESSARY

PRECAUTIONARY MEASURES

AVOID PROLONGED BREATHING OF MIST OR VAPOR
WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP AND WATER.

FIRST AID

INGESTION:
If more than several mouthfuls have been swallowed, give two glasses of water (16 oz.). Get medical attention.

INHALATION:
If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

EYE CONTACT:
Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

SKIN CONTACT:
Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

FIRE

In case of fire, use foam, dry chemical, or CO2. Use water spray to keep containers cool.

Chemical/Common Name	CAS No.	Range in %
* Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis-	112276	100.00

Product is hazardous according to OSHA (1910.1200).
* Component(s) is hazardous according to OSHA or one or more state Right-to-Know laws.

HMIS
Health : 0 Reactivity : 0
Flammability: 1 Special : -

National Fire Protection Association
Health : 0 Reactivity : 0
Flammability: 1 Special : -

DOT Proper Shipping Name: Not regulated
DOT Hazardous Class : N.D.

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep containers closed and drum bungs in place.

Manufacturer's Name: Texaco Chemical Company
P.O. Box 27707 Houston, TX 77227

TRANSPORTATION EMERGENCY Company: (409) 727-0831

B

EXHIBIT "B"
SPILL CONTROL PROCEDURES

Subject of File

DISCHARGES OR SPILLS OF OIL OR HAZARDOUS SUBSTANCES: Preventing, Controlling and Reporting of

A. PURPOSE AND SCOPE

*A.1 To establish the policy and procedure for preventing, controlling, and reporting of spills or discharges of oil or hazardous substances to the environment in accordance with Company practices and federal, state, and local requirements, including Title 40 of the Code of Federal Regulations - Part 112 (Oil Pollution Prevention).

*A.2 The spill prevention and control requirements in this Policy and Procedure are federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary applicaton of the standards; however, variations from the standards should be approved by the Area Manager.

B. CONTENTS

C. POLICY

C.1 GENERAL

*C.1.1 All Company facilities which could discharge or spill oil or hazardous substances which may affect natural resources or present an imminent and substantial danger to the public health or welfare including, but not limited to fish, shellfish, wildlife, shorelines, and beaches are subject to the provisions of this document.

**C.1.2 Hazardous Substance, for purposes of this procedure, is defined as any chemical or material that has or should have a Material Safety Data Sheet (MSDS); however, hazardous substances are further defined by the following environmental statutes:

a. Section 101 (M) and Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA);

b. Section 307(a) and Section 311 (b)(2)(A) of the Clean Water Act;

c. Section 3001 of the Solid Waste Act (excluding items suspended by Congress);

d. Section 112 of the Clean Air Act;

e. Section 7 of the Toxic Substance Control Act;

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1988

The term hazardous substance does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

**C.1.3 Oil, for the purpose of this document, means oil of any kind or in any form, including but not limited to petroleum, fuel oil, Y grade, mixed products, sludge, oil refuse, and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) are not considered to be oil.

*C.1.4 Facilities which could discharge or spill oil or hazardous substances into a watercourse must comply with the required federal, state, or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake, or standing body of water capable of collecting or transporting an oil or hazardous substance.

*C.1.5 Facilities which are subject to the requirements stated in this policy are as follows:

a. Non-Transportation Related Facilities

(1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels, having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.

(2) Underground storage facilities having a total capacity in excess of 42,000 gallons.

b. Transportation Related Facilities

(1) All vehicles, pipeline facilities, loading unloading facilities, and other mobile facilities which transport oil or hazardous substances.

**C.1.6 Each Northwest Pipeline location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan will also identify all hazardous substance storage vessels at the facility and the spill prevention measures in place to control discharges or spills.

C.1.7 The District Superintendent is responsible for spill prevention. These duties include, but are not limited to, the following:

a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.

b. Conducting briefings for operating personnel in sufficient intervals to assure adequate understanding of the Spill Plan at that facility. Briefings should highlight and describe known discharges or spills, and recently developed precautionary measures.

*C.1.8 Each individual facility should be inspected, at least annually, by the District Superintendent or designee to determine the potential for discharges or spills of oil or hazardous substances. These inspection reports must be retained for three years. All facilities which have the potential for discharging or spilling oil or hazardous substances into a watercourse are required to have the following preventive measures:

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.
b. All tank batteries should, as far as practical, have a secondary means of containment for the entire contents of the largest single tank plus sufficient freeboard in the containment facility to allow for precipitation.
c. A careful monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes regular inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

C.1.9 Any field drainage ditches, road ditches, traps, sumps, or skimmers should be inspected at regularly scheduled intervals for accumulation of liquid hydrocarbons or other hazardous substances which may have escaped from small leaks. Any such accumulations should be removed.

C.2 BULK STORAGE TANKS

*C.2.1 A tank should not be used for storage of oil or hazardous substances unless the material and construction of the tank is compatible with the material stored and conditions of storage such as pressure and temperature. Buried storage tanks must be protected from corrosion by coatings, cathodic protection, or other methods compatible with local soil conditions. Aboveground tanks should be subject to visual inspection for system integrity.

**C.2.2 The District Superintendent should evaluate level monitoring requirements to prevent tank overflow.

*C.2.3 Leaks which result in loss of oil or hazardous substances from tank seams, gaskets, rivets and bolts sufficiently large to cause accumulation of oil or hazardous substances in diked areas should be promptly corrected.

*C.2.4 Mobile or portable oil or hazardous substances storage tanks should be positioned or located to prevent the contents from reaching a watercourse. The mobile facilities should be located so their support structure will not be undermined by periodic flooding or washout.

C.3 FACILITY DRAINAGE

C.3.1 Provisions should be made for drainage from diked storage areas where necessary in areas with high precipitation levels. Drainage from dike areas should be restrained by valves or other means to prevent a discharge or spill. Diked areas should be emptied by pumps or ejectors which are manually activated. Valves used for the drainage of diked areas should be of manual design.

*C.3.2 Rain water may be drained from diked areas providing drainage water does not contain oil or hazardous substances that may cause a harmful discharge. Drain valves must be closed following drainage of diked areas.

*C.3.3 When possible, plant drainage systems from undiked areas should flow into ponds, lagoons, or catchment basins designed to retain oil or hazardous substances or return the substances to the facility. Any plant drainage system which is not designed to allow flow into ponds, lagoons, or catchment basins should be equipped with a diversion system that could, in the event of a discharge or spill, contain the oil or hazardous substances on the Site.

*C.3.4 The principal means of containing discharges or spills is the use of dikes which are constructed wherever regulated quantities of oil or hazardous substances have the

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

potential of reaching a watercourse. The construction of dikes must meet the following requirements:

a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for precipitation, or displacement by foreign materials.
b. Small dikes for temporary containment should be constructed at valves where leaking of oil or hazardous substances develops.
c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

Other means of containment or spill control include, but are not limited to:

a. Berms or retaining walls;
b. Curbing;
c. Culverting, gutters, or other drainage systems;
d. Weirs, booms, or other barriers;
e. Spill diversion ponds or retention ponds;
f. Sorbent materials

C.4 TRANSFER OPERATIONS, PUMPING, AND IN-PLANT PROCESS

*C.4.1 Aboveground valves and pipelines should be examined regularly by operating personnel to determine whether there are significant leaks from flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, valve locks, and metal surfaces.

C.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

C.5.1 Rack area drainage which does not flow into a catchment basin or treatment facility designed to handle spills should have a quick drainage system for use in tank truck loading and unloading areas. The containment system should have a maximum capacity of any single compartment of a tank car or truck loaded or unloaded in the plant.

*C.5.2 Aboveground piping that has potential for damage by vehicles entering the Site should be protected by logically placed warning signs or by concrete-filled pipe barriers.

*C.5.3 Loading and unloading areas should be provided with an interlocked warning light, grounding shutdown, physical barrier system, or warning signs to prevent vehicular departure before complete disconnect of flexible or fixed transfer lines. All drains and outlets of any tank car or truck should be closely examined for leakage prior to filling and departure. All drains and outlets which may allow leakage should be tightened, adjusted, or replaced to prevent liquid leakage while in transit.

D. PROCEDURE

*D.1 IDENTIFYING, CONTAINING AND INITIAL REPORTING OF A DISCHARGE OR SPILL OF OIL OR HAZARDOUS SUBSTANCE

Any Employee

*D.1.1 Upon noticing a discharge or spill of an oil or hazardous substance in any quantity initiates immediate containment procedures and notifies District Superintendent.

NOTE: Refer to Attachment A for containment procedures.

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

Approval Page 1 Only | Approval Page 1 Only | Approval Page 1 Only

District Superintendent

D.1.2 Contacts Gas Dispatch and Area Manager immediately by telephone and provides the following information:

a. Name of company facility and/or location of facility and nature of discharge or spill
b. Description and quantity of substance discharged
c. Name, title, and telephone number of person initially reporting the discharge or spill and person reporting to Gas Dispatch
d. Action taken or being taken to mitigate and correct discharge or spill
e. Water bodies or streams involved
f. Time and duration of discharge or spill
g. Outside involvement during discharge or spill (public government agencies, etc.)

Gas Dispatch Personnel

*D.1.3 Advises the responsible Area Manager and Environmental Services departments immediately by telephone concerning the incident including any incidents reported by persons not employed with the Company.

NOTE: If Gas Dispatch is contacted by a person not employed with the Company, the necessary information is obtained as indicated in D.1.2 and the Area Manager and Environmental Services are immediately contacted to begin containment, reporting and clean-up of the discharge or spill.

*D.1.4 If Environmental Services cannot be contacted, notifies Barry Swartz, Director, Transmission Services.

Area Manager

D.1.5 Coordinates containment and clean-up of discharge or spill with the District Superintendent.

D.1.6 If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. See Attachment B.

D.1.7 Advises Environmental Services by telephone if emergency containment or clean-up assistance from a state agency or a response team from the U.S. Coast Guard is required.

Environmental Services

↔D.1.8 Contacts Legal Department (and Right-of-Way Department, if appropriate) and assesses reporting requirements to state and federal agencies.

↔D.1.9 Makes appropriate contacts with U.S. Coast Guard and state agencies when necessary.

↔D.1.10 If spill is significant, dispatches Environmental Specialist to scene to oversee cleanup and reporting responsibilities.

*Revised
↔Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

D.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

District Superintendent

D.2.1 Completes a written description of the incident as soon as possible after initial notification is given, which should include the following:

a. Time and date of discharge or spill
b. Facility name and/or spill location
c. Type of material spilled
d. Quantity of material spilled
e. Area affected
f. Cause of spill
g. Special circumstances
h. Corrective measures taken
i. Description of repairs made
j. Preventative measures taken to prevent recurrence.

D.2.2 Forwards the completed report to Environmental Services and a copy to Legal departments. Retains a copy for future reference.

NOTE: Environmental Services, in coordination with the Legal Department, submits written reports to government agencies.

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

DISCHARGES OR SPILLS OF OIL OR HAZARDOUS SUBSTANCES: Preventing, Controlling and Reporting of

ATTACHMENT A

Discharge or Spill Containment Procedures and Materials

Type of Facility where the Discharge or Spill occurs	Containment Procedures	Material Used For Containment
A. Oil Pipeline (as defined in C.1.3)	1. Closes appropriate block valves. 2. Contains discharge or spill by: ditching covering, applying sorbents, constructing 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.	1. Straw 2. Loose Earth 3. Oil Sorbent - 3M Brand 4. Plain Wood Chips 5. Sorb - Oil Chips - Banta Co. 6. Sorb - Oil Swabs - Banta, Co. 7. Sorb - Oil Mats - Banta Co.
B. Vehicle	1. Contains discharge or spill by: ditching covering surface with dirt, constructing earthen dams, applying dorbents, or burning. 2. Notifies immediately the Compliance and Safety Department and if there is any imminent danger to local residents notifies immediately the highway patrol or local police officials. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. **NOTE: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.	
C. Bulk Storage Tanks or any other Facilities	1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam, or burning. 2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.	

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

ATTACHMENT B

*Contractors Available for Discharge or Spill Containment

COLORADO

Contractor Name	Address	Telephone Number
G. R. Spencer Contractors	2200 East 114th Avenue, Suite 209 Thornton, CO 80233	303-484-2616
Ecology and Environment, Inc. (Mike Peceny)	1776 South Jackson Street Denver, CO 80210	303-757-4984
John Bunning Transfer	2473 Commerce Blvd. Grand Junction, CO 80505	303-245-5631
Smith Welding and Construction Company, Inc.	P.O. Box 1834 880 25 Road Grand Junction, CO 81502	303-242-4306
Western Engineers, Inc.	2150 U.S. 6 and 50 Grand Junction, CO 81505	303 242-5202
W. C. Streigel, Inc.	P.O. Box 860 17030 State Hwy 64 Rangely, CO 81648	303-675-8444 303-675-8749

IDAHO

Contractor Name	Address	Telephone Number
Envirosafe Services of Idaho	1502 West Franklin Boise, Idaho	208-384-1500

NEW MEXICO

Contractor Name	Address	Telephone Number
Four-Four (Burney Strunk)	P.O. Box 821 Farmington, NM 87401	505-327-6041 505-632-2680 (eves.)
Four-Way Co., Inc.	4816 East Main Farmington, NM 87401	505-327-0401
P & A Construction	Bloomfield, NM	505-632-8061
Rosenbaum Construction	Box 2308 Aztec Highway Farmington, NM 87401	505-325-6367

OREGON

Contractor Name	Address	Telephone Number
Pegasus Waste Management	30250 S.W. Parkway Avenue Wilsonville, OR 97070	503-682-5802
Riedel Environmental Services, Inc. Portland, OR 97203	Foot of N. Portsmouth Emergency: 800-334-0004	503-286-4656 Available for all NWP locations)

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985.

ATTACHMENT B (Continued)

Contractors Available for Discharge or Spill Containment

UTAH

Contractor Name	Address	Telephone Number
A. L. Berna Construction	P.O. Box B Moab, UT 84532	801-259-5361
JBCO	Wagner Subdivision Moab, UT 84532	801-259-5316 801-259-8952
North American Environmental, Inc. (PCB Cleanup Work)	P.O. Box 1181 Bldg. 3-3, Freeport Center Clearfield, UT 84016	801-776-0878
Ted Miller Company	3809 South 300 West Salt Lake City, UT 84115	801-268-1093

WASHINGTON

Contractor Name	Address	Telephone Number
CES ChemPro, Inc.	3400 East Marginal Ways Seattle, WA 98134	206-682-4849 Emergency Phone Number
North American Environmental, Inc.	2432 East 11th Street Tacoma, WA 98421	206-272-9988
Northwest Enviroservice	P.O. Box 24443 Seattle, WA	206-622-1090
Oil Spill Service, Inc.	P.O. Box 548 Kirkland, WA 98033	206-823-6500

WYOMING

Contractor Name	Address	Telephone Number
Elden Construction & Roustabout Service	Marbleton, WY	307-276-3413
Flint Engineering and Const. Co. (Mike Kovern)	Box 807 Evanston, WY 82930	307-789-9396
Martin's Roustabout	Big Piney, WY (Martin Douglas)	307-276-3625 or 307-276-3628
Persh's Water Service	Big Piney, WY (Persh Punteney)	307-276-3210
Skyline Construction	Big Piney, WY (Rod Bennett)	307-276-3383

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

ATTACHMENT C

Agencies Requiring Notification

State of Colorado
Water Quality Control Division . . . . (business hours) 1-303-331-4570
. . . . (night) 1-303-370-9395

State of Idaho
State Emergency Services Division 1-800-632-8000
Emergency and Poison Control Center (Outside Idaho) 1-208-334-2241

State of New Mexico
Department of Environmental Improvement 1-505-827-9329

State of Oregon
Emergency Services Division 1-800-452-0311
(Outside Oregon). 1-503-378-4124

State of Utah
Environmental Health - Emergency Response (24 hour). 1-801-538-6333

State of Washington
Department of Ecology . . . . . (24 hour). 1-206-753-2353

State of Wyoming
Water Quality Div. - Dept. of Environmental Quality . (24 hour) . . 307-777-7781

United States Coast Guard 1-800-424-8802

**NOTE: If a spill or discharge is the result of a vehicular accident the Highway Patrol or local police officials should be immediately notified. If imminent danger to local residents exists, state and/or local agencies; and available Company personnel should be used to notify the residents immediately.

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

RULE 116

NOTIFICATION OF FIRE, BREAKS, LEAKS, SPILLS, AND BLOWOUTS

The Division shall be notified of any fire, break, leak, spill, or blowout occurring at any injection or disposal facility or at any oil or gas drilling, producing, transporting, or processing facility in the State of New Mexico by the person operating or controlling such facility.

"Facility," for the purpose of this rule, shall include any oil or gas well, any injection or disposal well, and any drilling or workover well; any pipeline through which crude oil, condensate, casinghead or natural gas, or injection or disposal fluid (gaseous or liquid) is gathered, piped, or transported (including field flow-lines and lead-lines but not including natural gas distribution systems); any receiving tank, holding tank, or storage tank, or receiving and storing receptacle into which crude oil, condensate, injection or disposal fluid, or casinghead or natural gas is produced, received, or stored; any injection or disposal pumping or compression station including related equipment; any processing or refining plant in which crude oil, condensate, or casinghead or natural gas is processed or refined; any tank or drilling pit or slush pit associated with oil or gas well or injection or disposal well drilling operations or any tank, storage pit, or pond associated with oil or gas production or processing operations or with injection or disposal operations and containing hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, or other deleterious chemicals or harmful contaminants.

Notification of such fire, break, leak, spill, or blowout shall be in accordance with the provisions set forth below:

1. Well Blowouts. Notification of well blowouts and/or fires shall be "immediate notification" described below. ("Well blowout" is defined as being loss of control over and subsequent eruption of any drilling or workover well, or the rupture of the casing, casinghead, or wellhead or any oil or gas well or injection or disposal well, whether active or inactive, accompanied by the sudden emission of fluids, gaseous or liquid, from the well.)

2. "Major" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 25 or more barrels or crude oil or condensate, or 100 barrels or more of salt water, none of which reached a watercourse or enters a stream or lake, breaks, spills, or leaks in which one or more barrels of crude oil or condensate or 25 barrels or more of salt water does reach a watercourse or enters a stream or lake; and breaks, spills, or leaks of hydrocarbons or hydrocarbon waste or residue, salt water, strong caustics or strong acids, gases, or other deleterious chemicals or harmful contaminants of any magnitude which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" described below.

3. "Minor" Breaks, Spills, or Leaks. Notification of breaks, spills, or leaks of 5 barrels or more but less than 25 barrels of crude oil or condensate, or 25 barrels or more but less than 100 barrels of salt water, none of which reaches a watercourse or enters a stream or lake, shall be "subsequent notification" described below.

4. Gas Leaks and Gas Line Breaks. Notification of gas leaks from any source or of gas pipeline breaks in which natural or casinghead gas of any quantity has escaped or is escaping which may with reasonable probability endanger human health or result in substantial damage to property shall be "immediate notification" described below. Notification of gas pipeline breaks or leaks in which the loss is estimated to be 1000 or more MCF of natural or casinghead gas but in which there is no danger to human health nor of substantial damage to property shall be "subsequent notification" described below.

5. Tank Fires. Notification of fires in tanks or other receptacles caused by lightning or any other cause, if the loss is, or it appears that the loss will be, 25 or more barrels of crude oil or condensate, or fires which may with reasonable probability endanger human health or result in substantial damage to property, shall be "immediate notification" as described below. If the loss is, or it appears that the loss will be at least 5 barrels but less than 25 barrels, notification shall be "subsequent notification" described below.

6. Drilling Pits, Slush Pits, and Storage Pits and Ponds. Notification of breaks and spills from any drilling pit, slush pit, or storage pit or pond in which any hydrocarbon or hydrocarbon waste or residue, strong caustic or strong acid, or other deleterious chemical or harmful contaminant endangers human health or does substantial surface damage, or reaches a watercourse or enters a stream or lake in such quantity as may with reasonable probability endanger human health or result in substantial damage to such watercourse, stream, or lake, or the contents thereof, shall be "immediate notification" as described below. Notification of breaks or spills of such magnitude as to not endanger human health, cause substantial surface damage, or result in substantial damage to any watercourse, stream, or lake, or the contents thereof, shall be "subsequent notification" described below, provided however, no notification shall be required where there is no threat of any damage resulting from the break or spill.

IMMEDIATE NOTIFICATION. "Immediate Notification" shall be as soon as possible after discovery and shall be either in person or by telephone to the district office of the Division district in which the incident occurs, or if the incident occurs after normal business hours, to the District Supervisor, the Oil and Gas Inspector, or the Deputy Oil and Gas Inspector. A complete written report ("Subsequent Notification") of the incident shall also be submitted in duplicate to the appropriate district office of the Division within ten days after discovery of the incident.

SUBSEQUENT NOTIFICATION. "Subsequent Notification" shall be a complete written report of the incident and shall be submitted in duplicate to the district office of the Division district in which the incident occurred within ten days after discovery of the incident.

CONTENT OF NOTIFICATION. All reports of fires, breaks, leaks, spills, or blowouts, whether verbal or written, shall identify the location of the incident by quarter-quarter, section, township, and range, and by distance and direction from the nearest town or prominent landmark so that the exact site of the incident can be readily located on the ground. The report shall specify the nature and quantity of the loss and also the general conditions prevailing in the area, including precipitation, temperature, and soil conditions. The report shall also detail the measures that have been taken and are being taken to remedy the situation reported.

WATERCOURSE, for the purpose of this rule, is defined as any lake-bed or gully, draw, stream bed, wash, arroyo, or natural or man-made channel through which water flows or has flowed.

State of New Mexico
Energy and Minerals Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

Name of Operator				Address			
Report of	Fire	Break	Spill	Leak	Blowout	Other*	
Type of Facility	Drlg Well	Prod Well	Tank Btty	Pipe Line	Gaso Plnt	Oil Rfy	Other*
Name of Facility							
Location of Facility (Quarter/Quarter Section or Footage Description)				Sec.	Twp.	Rge.	County
Distance and Direction From Nearest Town or Prominent Landmark							
Date and Hour of Occurrence				Date and Hour of Discovery			
Was Immediate Notice Given?	Yes	No	Not Required	If Yes, To Whom			
By Whom				Date and Hour			
Type of Fluid Lost				Quantity of Loss _____ BO _____ BW		Volume Recovered _____ BO _____ BW	
Did Any Fluids Reach a Watercourse?	Yes	No	Quantity				
If Yes, Describe Fully**							
Describe Cause of Problem and Remedial Action Taken**							
Describe Area Affected and Cleanup Action Taken**							
Description of Area	Farming	Grazing	Urban	Other*			
Surface Conditions	Sandy	Sandy Loam	Clay	Rocky	Wet	Dry	Snow
Describe General Conditions Prevailing (Temperature, Precipitation, Etc.)**							
I Hereby Certify That the Information Above is True and Complete to the Best of My Knowledge and Belief Signed _____ Title _____ Date _____							

*Specify

**Attach Additional Sheets if Necessary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BANCOS MESA QUADRANGLE
NEW MEXICO
7.5 MINUTE SERIES (TOPOGRAPHIC)

CARRACAS ALT. 82

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958 and 1962. Field checked 1963

Polyconic projection. 1927 North American datum
10,000-foot grid based on New Mexico coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 13, shown in blue

UTM GRID AND 1963 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Light-duty
Unimproved dirt

QUADRANGLE LOCATION

BANCOS MESA, N. MEX.
N3652.5–W10715/7.5
1963
AMS 4557 IV NE–SERIES V881

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

EXHIBIT 1