GW - 108

GENERAL CORRESPONDENCE

YEAR(S):

2006 → 1992

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division

May 19, 2008

Mr. David Bays
Williams Four Corners, LLC
188 Road 4900
Bloomfield, New Mexico 87413

Re: NOTICE OF DEFICENCY
Williams Four Corners Compressor Stations
San Juan Basin facilities

Dear Mr. Bays:

The Oil Conservation Division has performed 26 inspections of Williams Four Corners compressor station located in the San Juan Basin. The following stations have been inspected:

1. (GW-108) 30-5 # 1
2. (GW-111) 32-8 #2
3. GW-117) 32-7 #1
4. (GW-287) Snow Shoe
5. (GW-122) 29-6 # 4
6. (GW-229) Trunk G **(Idle)**
7. (GW-121) 29-6 #2 CDP
8. (GW-118) 31-6 CDP
9. (GW-120) Pipkin
10. (GW-129) Crouch Mesa
11. (GW-208) Hart Mountain **(Idle)**
12. (GW-091) 32-9 CDP
13. (GW-087) Cedar Hills
14. (GW-273) Moore (Idle)
15. (GW-271) Kernaghan
16. (GW-272) Kernaghan B-8 **(Idle)**
17. (GW-136) 29-7 CDP
18. (GW-307) Laguna Seca
19. (GW-364) Bancos CDP
20. (GW-365) Eul CDP
21. (GW-133) 30 – 8 CDP **(Idle)**
22. (GW-116) 32 – 8 CDP
23. (GW-292) Rosa # 1 CDP
24. (GW-306) Trunk N
25. (GW-134) Decker Junction **(Idle)**
26. (GW-250) Coyote Springs

The OCD has observed several areas of concern after inspecting these sites. They are as follows:

1. **Condition 6. Waste Disposal and Storage**: "*The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.*" Williams Four Corners has renewed their permits for 5 of the 26 facilities that are "non-operational". These facilities have been non-operational for more than one year and a few still contain waste material on site, i.e. landfarm soil, solid waste and liquids. Williams Four Corners shall properly dispose of their remaining waste for these facilities.
2. **Condition 7. Drum Storage**: "*The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. Must store empty drums on their sides with the bungs in place and lined up on a horizontal*

plane. Must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing." OCD has witness several stations with improper storage of barrels and fluids.

3. **Condition 10. Labeling**: *"The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans"*. Several containers were not labeled.
4. **Condition 11. A**: *"Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours."* Several secondary containers were holding a large amount of liquids assumed greater then 72 hours. Williams Four Corners must remove all fluids from secondary containers within 72 hours.
5. **Condition 8. Process, Maintenance and Yard areas.** *"The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface."* Secondary containers are present at these facilities but best management practices are not followed. The OCD has witnessed the majority of the stations to have hydrocarbon staining within its facility grounds with the majority near the compressor engines. Williams Four Corners shall prevent any discharging of hydrocarbons directly on to the ground. If a discharge does occur it shall be addressed immediately and not allowed to accumulate. Placing clean gravel over the contamination is not an allowable practice.

The OCD would like to point out these deficiencies. **Please correct as soon as possible and provide the OCD a progress report within 90 days from the date of this letter**. These conditions are assumed by the OCD to be present at all of Williams Four Corners 70 + compressor stations that have a discharge permit. Please reflect these concerns to all of the permitted compressor stations and gas plants owned by Williams Four Corners, LLC. NMSA 1978, Section 70-2-31 (A) authorizes penalties of up to one thousand dollars ($1000.00) per day per violation for any knowing and willful violation of any provision of the Oil and Gas Act or any rule adopted pursuant to the Act.

If there are any questions regarding this matter, please do not hesitate to contact me at (505) 476-3492 or leonard.lowe@state.nm.us.

Sincerely,

Leonard Lowe
Environmental Engineer

xc: Daniel Sanchez, Enforcement and Compliance Manager
Wayne Price, Environmental Bureau Chief
Brandon Powell, District III Environmental Specialist

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

2006 AUG 23 AM 11 44

Environmental Department
188 County Road 4900
Bloomfield, NM 87413
505/632-4606
505/632-4781 Fax

August 22, 2006

Mr. Wayne Price
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Change of Company Name

Dear Mr. Price;

In accordance with Conditions of Discharge Plan Approval attached to each discharge plan approved by the New Mexico Oil Conservation Division, we hereby provide notice of a change of ownership for the Williams facilities identified in the attached table to Williams Four Corners, LLC.

As a corporate strategy, Williams has created regional limited liability corporations for our assets. So, although a new corporation has been created, Williams Four Corners LLC is still a wholly-owned unit of Williams, and there is no change of corporate ownership for these facilities. Williams will continue to comply with the terms and conditions of all approved discharge plans. All other administrative items (responsible official, environmental contacts, mailing addresses, etc.) remain unchanged.

If you have any questions, please call David Bays, Senior Environmental Specialist, at (505) 632-4951 or Ingrid Deklau of Cirrus Consulting at (801) 583-3107.

Sincerely,

David Bays
Senior Environmental Specialist

Attachments

xc: Clara Cardoza
Monica Sandoval
WFS FCA file 210

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

November 30, 2001

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 number 1000388005 for $17,000.00, to cover the fees for the following discharge plans:

Coyote Springs Compressor	GW-250	$ 1,700.00
Trunk C Booster Station	GW-257	$ 1,700.00
Trunk B Booster Station	GW-249	$ 1,700.00
Lateral N-30 (Koch Gardner)	GW-256	$ 1,700.00
32-9 CDP Compressor Station	GW-091	$ 1,700.00
Pritchard Straddle Compressor Station	GW-274	$ 1,700.00
Kernaghan Compressor	GW-271	$ 1,700.00
Trunk A Booster Station	GW-248	$ 1,700.00
Sims Mesa Compressor Station	GW-068	$ 1,700.00
30-5 CDP Compressor Station	GW-108	$ 1,700.00

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

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 11/29/01

or cash received on _____ in the amount of $ 17,000.00

from See Attached List

for _____

Submitted by: (Facility Name) _____ Date: (OP No.) 12/4/01

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

70-2322 / 719
A/C 9401076

[redacted]

DATE: 11/29/2001

PAY TO THE ORDER OF:

PAY ➔ *****$17,000.00

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

MA1353 (10/99)

COPYRIGHT ANTI-FRAUD PROTECTION - PATENTS 4,210,346; 4,227,726; 4,760,180; 5,197,784; & 5,380,539

[redacted]

THE SANTA FE
NEW MEXICAN
Founded 1849

Jade

NM OIL CONSERVATION DIVISION
ATTN: ED MARTIN

AD NUMBER: 228527 ACCOUNT: 56689
LEGAL NO: 70096 P.O.#: 02199000249
240 LINES 1 time(s) at $ 105.80
AFFIDAVITS: 5.25
TAX: 6.94
TOTAL: 117.99

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, M M Weidemann 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 #70096 a copy of which is hereto attached was published in said newspaper 1 day(s) between 09/26/2001 and 09/26/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 26 day of September, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ M M Weidemann
LEGAL ADVERTISEMENT REPRRSENTATIVE

Subscribed and sworn to before me on this
26 day of September A.D., 2001

Notary Janet L. Montoya

Commission Expires 12/30/03

OFFICIAL SEAL
Janet L. Montoya
NOTARY PUBLIC - STATE OF NEW MEXICO
MY COMMISSION EXPIRES 12/30/03

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 Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-068) - 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 Simms Mesa Compressor Station located in the NE/4 NE/4, Section 22, Township 30 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 75 gallons per day of waste water is collected in a covered above grade 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 160 feet with a total dissolved solids concentrations of approximately 600 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-108) - 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 30-5 CDP Compressor Station located in the NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility is collected and stored in a covered above grade 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 160 feet with a total dissolved solids concentrations 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 19th day of September, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL
LORI WROTENBERY, Director
Legal #70096
Pub. September 26, 2001

Ford, Jack

From: Martin, Ed
Sent: Thursday, September 20, 2001 8:19 AM
To: Santa Fe New Mexican (E-mail)
Cc: Ford, Jack; Anaya, Mary
Subject: Legal Notices

Please publish the attached legal notice, one time only, by Thursday, September 27, 2001.

Upon publication, please forward to this office the following:

1. Publisher's affidavit.
2. Invoice. Our purchase order number is **02199000249**

If you have any questions please e-mail me or phone (505) 476-3492.

Thank you.

Publ. Notice
GW-068,108.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 Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

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(GW-108) - 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 30-5 CDP Compressor Station located in the NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility is collected and stored in a covered above grade 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 160 feet with a total dissolved solids concentrations 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 19th day of September, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 8/24/01

or cash received on _____ in the amount of $ 200.00

from Williams Field Services

for Sims Mesa C.S. GW-068
30-5 CDP C.S. GW-108
(Facility Name) (OP No.)

Submitted by: _____ Date: 9/17/01

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee V 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
1600 South Baltimore Avenue * P.O. Box 645 * Tulsa, OK 74101-0645

[redacted]

DATE: 08/24/2001

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

MA1353 (10/99)

[redacted]

Environmental Affairs
188 CR 4900
Bloomfield, NM 87413
505/634-4956
505/632-4781 Fax

August 28, 2001

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

01 SEP -6 AM 11:31
OIL CONSERVATION DIV.

Re: Discharge Plan Application and Filing Fee for WFS Compressor Stations

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application and check number 1000342310 for $200.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- Sims Mesa Compressor Station (GW-68)
- 30-5 CDP Compressor Station (GW-108)

} Rio Arriba Co

Williams Field Services appreciates your assistance in handling these applications and fees. If you have any questions or require additional information, please contact me at 505/634/4956.

Thank you,

Jacey McCurtain
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III

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

COPY

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 (30-5 CDP Compressor Station GW-108)

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: NE/4 SW/4 Section 18 Township 30 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: 8/22/2001

DISCHARGE PLAN RENEWAL

30-5 CDP COMPRESSOR STATION
(GW-108)

Williams Field Services Company

August 2001

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List of Tables

List of Figures - All figures follow Section XI

List of Appendices

I. TYPE OF OPERATION

The 30-5 CDP Compressor Station was built in 1992 to provide metering, compression, and dehydration services to various producers for the gathering of coal seam methane gas for treatment and delivery through Williams Field Services (WFS) Milagro 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 30-5 CDP Compressor Station is located in Section 18, Township 30 North, Range 5 West, in Rio Arriba County, New Mexico, approximately 32.8 miles east of Aztec, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangle: Gomez Ranch, 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:

Ted Frick
c/o Attorney Thomas Bonham
317 6th Street, NW
Albuquerque, NM 87102

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 twelve 1,374 hp engines. Only nine 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
SIMS MESA 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
Natural Gas Condensate	Scrubber, Gas Inlet Separator	2000-4000 bbl/year	No additives
Produced Water	Scrubber, Gas Inlet Separator	1000-3000 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
30-5 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.
Natural Gas Condensate	Above Ground Storage Tank	150 bbl 400 bbl	Berm	Exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility.
Waste Water	Above Ground Storage Tank	70 bbl	Berm	Exempt	Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
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.
Solvent	Above Ground Storage Tank	500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Above Ground Storage Tank	225 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	(2) 500 gallons (4) 100 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above Ground Storage Tank	(9) 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 30-5 CDP Compressor Station is located approximately 32.8 miles east of Aztec, New Mexico. The site elevation is approximately 6,340 feet above mean sea level. The natural ground surface topography slopes downward toward the south. The maximum relief over the site is approximately 20 feet. Intermittent flow from the site will follow natural drainage to the south to the La Jara Canyon drainage. La Jara Canyon drains to the northwest into Navajo Lake. The Navajo Lake, approximately 2.3 miles to the northwest 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 30-5 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.

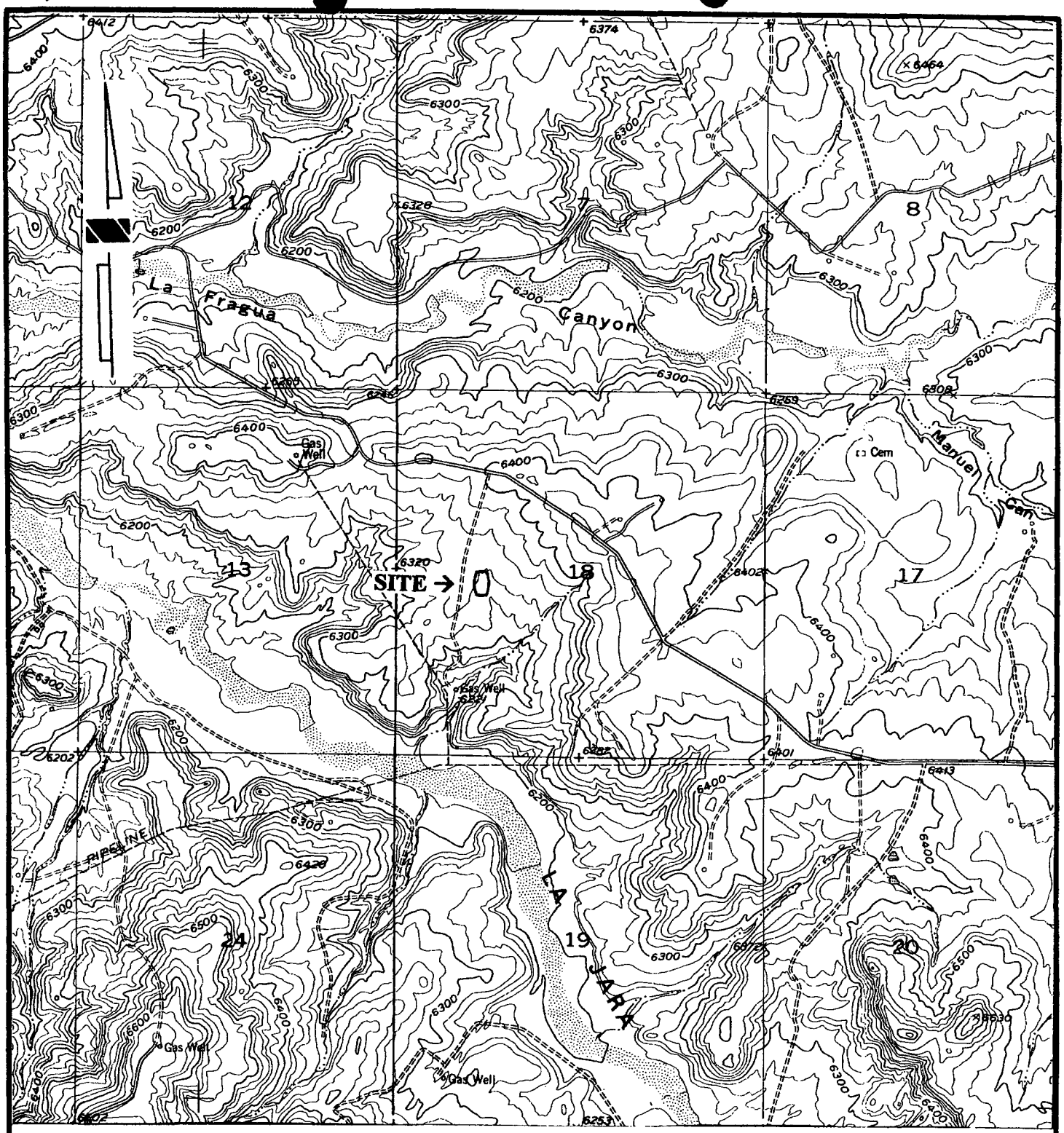
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN



Source: USGS Gomez Ranch, New Mexico Quadrangle

Scale: 1" = 2,000'

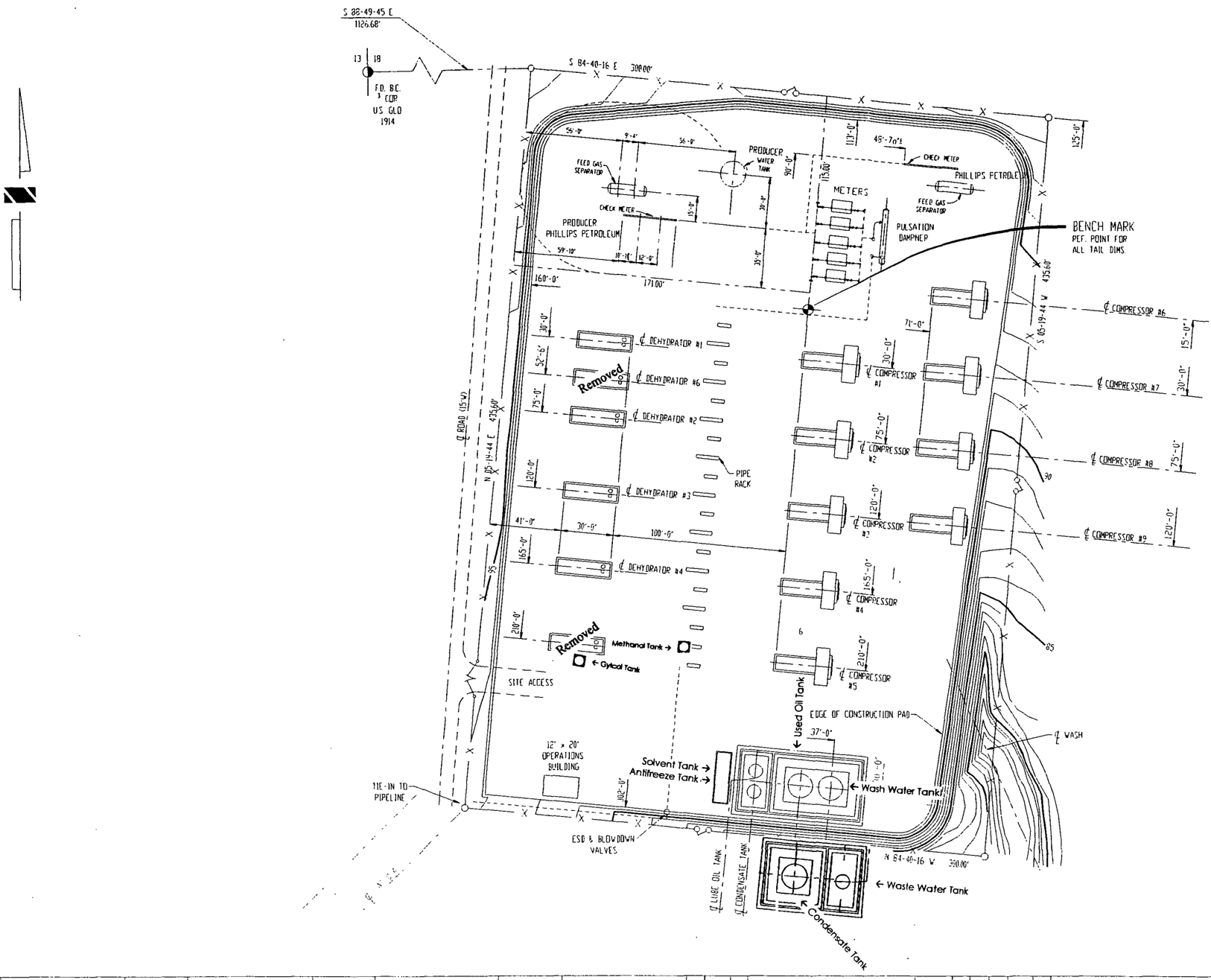
Williams

Figure 1 Site Vicinity / Topographic Map

30-5 #1 CDP Compressor Station

Section 18, Township 30N Range 5W

Rio Arriba County, New Mexico



NOTE EMERGENCY PHONE NUMBERS ARE LOCATED IN THE OPERATIONS BUILDING

REFERENCE DRAWINGS				REFERENCE DRAWINGS				REVISIONS															
DRAWING NO	TITLE	DRAWING NO	TITLE	DRAWING NO	TITLE	DRAWING NO	TITLE	NO	DATE	BY	DESCRIPTION	W/ORD	CHK	APP	NO	DATE	BY	REVISED REF A" BUILT DESCRIPTION	W/ORD	CHK	APP

DRAFTING	BY	DATE	STATE NEW MEXICO
DRAWN BY	PHIL	8-24-98	COUNTY RIO ARRIBA
CHECKED BY			
APPROVED BY			
ENGINEER	BY	DATE	
DESIGNED BY			SCALE 1" = 30'
PROJ. APPROVED			W.O. NO --

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

30-5 C DP COMPRESSOR STATION
PLOT PLAN

DWG NO. 30-5-1-P2 | SHEET 1 OF 1 | REV 01

S:\ALL FILES\30-5 CDP COMPRESSOR\30-5-1-P2.DWG PHIL

APPENDIX A

SPILL CONTROL PROCEDURES

	Reference (Book Title) Operations/Maintenance Field Services	Task/Document No. 21.10.020
Williams	Section General/Safety	Regulation No./Reference
	Subject Discharges or Spills of Oil or Hazardous Substances; Preventing, Controlling and Reporting of	Effective Date 12/15/99

▸ Document History (ISO9001)
▾ Document Body

1.0 PURPOSE AND SCOPE

1.1 To establish the policy and procedure for preventing, controlling and reporting of discharges or spills 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).

1.2 This document pertains to Company personnel, Company and non-company facilities. 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 application of the standards; however, variations from the standards should be approved by the responsible Director.

2.0 CONTENTS

3.0 POLICY

3.1 GENERAL

3.1.1 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.

3.1.2 Oil, for purpose of this document, means oil of any kind or in any form, including but not limited to petroleum hydrocarbon, fuel oil, Y grade, natural gas liquids, condensate, mixed products, sludge, oil refuse and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) is not considered to be oil.

3.1.3 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(N) 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

3.1.4 The term hazardous substance does not include petroleum hydrocarbon, including crude oil or any fraction thereof and the term does not include natural gas, natural gas liquids (including condensate), liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

3.1.5 Facilities which could discharge or spill, oil or hazardous substances into a watercourse must comply with the applicable 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.

3.1.6 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.

3.1.7 Each Company 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 shall identify all oil and hazardous substance storage vessels (as defined in a.(1) above) at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.

3.1.8 The facility superintendent is responsible for spill prevention. His/her 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. Conduct annual briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.

c. Briefings should highlight and describe known discharges or spills and recently developed precautionary measures.

3.1.9 Each individual facility is checked annually by the superintendent or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:

a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.

b. All tank batteries should, as far as practicable, 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. An annual monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes annual inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

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

3.2 BULK STORAGE TANKS

3.2.1 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 oil or substance 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.

3.2.2 The facility superintendent should evaluate tank level monitoring requirements to prevent tank overflow.

3.2.3 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.

3.2.4 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.

3.3 FACILITY DRAINAGE

3.3.1 Make provisions for drainage from diked storage areas where necessary in areas with high precipitation levels. Drainage from diked 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, open-and-closed design.

3.3.2 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.

3.3.3 When possible, 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 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.

3.3.4 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 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 are constructed at valves where potential leaking of oil or hazardous substances may occur.

c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

3.3.5 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

3.4 TRANSFER OPERATIONS, PUMPING and IN-PLANT/STATION PROCESS

3.4.1 Aboveground valves and pipelines should be examined regularly by operating

personnel to determine whether there are any leaks from flange joints, expansion joints, valve glands and bodies, catch pans, pipeline supports, valve locks and metal surfaces.

3.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

3.5.1 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 truck loaded or unloaded in the station.

3.5.2 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.

3.5.3 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 truck should be closely examined for leakage prior to filling and departure. All drains and outlets that may allow leakage should be tightened, adjusted or replaced to prevent liquid leakage while in transit.

NOTE: LPG loading facilities and remote field loading of condensate are exempt from the C.5 requirements of this document.

4.0 PROCEDURE

4.1 Identifying, Containing and Initial Reporting of a Discharge or Spill of Oil or Hazardous Substance

Any Employee

4.1.1 Upon noticing a discharge or spill of an oil or hazardous substance in any quantity shall immediately contain the release (if safe to do so) and notify the facility superintendent, dispatcher or other designee. Releases must be reported to gas control in the following three circumstances:

I. The Following Situations Always Require IMMEDIATE Reporting to Gas Control:

1. Release reaches or may reach surface water: (pond, lake, wash or ground water

2. Release leaves Williams property

3. Release is of questionable nature (i.e., unknown product, unknown hazards)

II. Onsite Releases of Certain Common Industrial Materials Above 10 Gallon Threshold Are Reportable.
Releases that do not migrate off-site or reach surface water may require reporting as well. All releases of 10 gallons or greater of the following materials should be contained and promptly reported to Gas Control:

- Ammonia
- Antifreeze
- Amine

- Chromate Mixtures
- Condensate
- Glycol
- Lube Oil
- Methanol
- Sulfuric Acid
- Sodium Hydroxide
- Natural Gas Liquids
- Other Hydrocarbon Products
- Natural Gas (1 MMSCF)

III. Releases of Certain Other Materials Reportable:

Releases of the following materials above the indicated amount should be reported to gas control:

- PCB's (Concentration > 50 ppm) - any amount
- Mercaptan (Ethyl Mercaptan) - 1 lb.
- Mercury - 1 lb.
- Hydrogen Sulfide - 100 lbs.
- Pesticides - 1 lb.
- Other Material Not Listed - 1 lb.

NOTE 1: A release includes material released (intentionally or unintentionally) to air, water or soil. When notifying Gas Control of a Release, be prepared to provide information on the type of material spilled, amount released, weather conditions, time and date of release, person discovering release and measures taken to control the release.

NOTE 2: Refer to Attachment A for containment procedures.
Facility Superintendent, Controller or Designee

4.1.2 Contacts Gas Control 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 emission or substance discharged

c. Description of the circumstances causing the discharge or spill

d. Name, title and telephone number of person initially reporting the discharge or spill and person reporting to Gas Control

e. Action taken or being taken to mitigate and correct discharge or spill

f. Water bodies or streams involved

g. Time and duration of discharge or spill

h. Outside involvement during discharge or spill (public government agencies, etc. See Emergency Operating Procedure Manuals)

Gas Control Personnel

4.1.3 Advises Environmental Affairs departments immediately by telephone concerning the incident including any incidents reported by persons not employed with the Company.

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

4.1.4 If Environmental Affairs cannot be contacted, notifies Director over Environmental Affairs.

Facility Superintendent

4.1.5 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed.

4.1.6 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director Informed. If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. (See Emergency Operating Procedure Manuals tab #11, contractors with available equipment and services).

4.1.7 Advises Environmental Affairs 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 Affairs

4.1.8 Assesses reporting requirements to state and federal agencies (contacts Legal Department and Right-of-Way Department, if appropriate). (See Emergency Operating Procedure Manuals).

4.1.9 Makes appropriate contacts with National Response Center and state and local agencies, when necessary.

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

4.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

Facility Superintendent or Designee

4.2.1 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 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.

4.2.2 Forwards the completed written description to Environmental Affairs. Retains a copy for future reference.

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

ATTACHMENT A
DISCHARGE OR SPILL CONTAINMENT PROCEDURES AND MATERIALS

TYPE OF FACILITY WHERE THE DISCHARGE OR SPILL OCCURS	CONTAINMENT PROCEDURES	MATERIALS USED FOR CONTAINMENT
A. Oil Pipeline (as defined in C.1.4)	1. Closes appropriate block valves. 2. Contains Discharge or spill by: Ditching covering, applying sorbents, constructing an earthen dam or burning. 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. 8.Or Equivalent Materials
B. Vehicle	1. Contains discharge or spill by: ditching, covering surface with dirt, constructing earthen dams, apply sorbents or burning. 2. Notifies immediately Environmental Affairs 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.	

APPENDIX B

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

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

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company	Contact
Address	Telephone No.
Facility Name	Facility Type

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	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	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name:	Approved by District Supervisor:	
Title:	Approval Date:	Expiration Date:
Date: Phone:	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary

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

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

May 25, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-099

Ms. Ingrid A. Deklau
Williams Field Services
P.O. Box 58900
Salt Lake City, Utah 84108

RE: Site Modifications Notification
GW-108, 30-5 CDP Compressor Station
Rio Arriba County, New Mexico

Dear Ms. Deklau:

The OCD has received the site modification letter, dated May 11, 1999, from Williams Field Services for the 30-5 CDP Compressor Station GW-108 located in NW/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. The requested modification is considered a minor modification to the above referenced discharge plan and public notice will not be issued. **The site modifications are approved without modification to the discharge plan with the stipulation that all modifications comply with the discharge plan renewal approved January 27, 1997.**

Please note that Section 3104 of the regulations requires that **"When a plan has been approved, discharges must be consistent with the terms and conditions of the plan."** Pursuant to Section 3107.C Williams Field Services is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume. Further, this approval does not relieve Williams Field Services from liability should operations result in contamination to the environment.

Sincerely,

W. Jack Ford, C.P.G.
Environmental Bureau
Oil Conservation Division

cc: Mr. Denny Foust - Aztec District Office

Z 357 870 099

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

Sent to	Ingrid
Street & Number	Wkes
Post Office, State, & ZIP Code	SLC
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	GW-108

PS Form **3800**, April 1995

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

May 11, 1999

Mr. Jack Ford
NM OCD
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Modification of Williams Field Services Discharge Plan for 30-5#1 (GW – 108)

Dear Mr. Ford:

Pursuant to our conversation today and my March 1999 submittal to you, Williams Field Services (WFS) formally requests modification to the Discharge Plan for the 30-5#1 compressor site for the installation of up to three additional compressor units. There are currently nine units operating at the site. Additionally, horsepower of any of the units operating at the site may be increased up to 1374 (from 1088). No additional waste streams will be generated with this modification. This corresponds to permitting levels allowed by the Air Permit currently held for this site, which allows up to twelve units operating at 1374 horsepower each.

If you have any questions or require additional information, I can be reached at 801-584-6543.

Sincerely,

Ingrid Deklau
Environmental Specialist

XC: Denny Foust, Aztec OCD

Williams

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

May 14, 1999

Mr. Jack Ford
NM OCD
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: WFS Requests for Modification of Various OCD Discharge Plans

Dear Mr. Ford:

Enclosed you will find formal requests for modification of OCD Discharge Plans for sites listed in the following categories on my March 1999 submittal to you:

Category 1 Update OCD Plans for actual compression; AQB permit allows additional installs
Category 3 Update OCD Plans for actual compression; all AQB permitted units installed
Category 5 Current OCD Plan reflects actual installs; AQB permit allows additional installs.

The table below lists the sites for which modifications have been requested.

Category 1	Category 3	Category 5
31-6	Rosa #1	30-5
32-7	Trunk M	30-8
32-8#2	La Jara	Decker Junction
Horse Canyon	Note 1: 29-6#2 belongs in Cat. 6	Sims Mesa
Middle Mesa	Note 2: Pipkin OCD plan reflects more units than actual installs	Lateral N-30
Pump Mesa		
Trunk N		
Trunk L		

For sites that fall under Categories 1 and 3, the OCD Discharge Plans need to be modified to reflect the actual number of units currently installed at the site, and also allow room for additional installations for which WFS currently holds Air Permits.

For sites that fall under Category 5, the OCD Discharge Plan properly reflects the current number of units installed, but the Plan should be modified to allow for the additional units allowed under WFS Air Permits for the site.

If you have any questions or require additional information, I can be reached at 801-584-6543.

Sincerely,

Ingrid Deklau
Environmental Specialist

Xc: Denny Foust, Aztec OCD

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-108

PIPELINE FACILITY TEST REPORT

FORM 910 1239 (1-94)

1-WORK ORDER NO. 70-375-7500-27

FACILITY DESCRIPTION

2-NAME OF FACILITY	3-FACILITY LOCATION AREA	DISTRICT	COUNTY/STATE
30-5 (.D.)	San Juan	Navajo Region	New Mex

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
12	30-N	5-W	P.V.C.

6-PIPE DATA	DIAMETER	WALL THICKNESS
	3" and 4"	Sch. 40 P.V.C.
	SPEC. & GRADE	LENGTH OF TEST SECTION
	Sch 40	

7-DESCRIPTION OF PORTION TESTED (FROM — TO) "Test Well with casing inside plant yard"

TEST SPECIFICATIONS

8-TYPE OF TEST	9-TEST STATIONS AND ELEVATION	BEGIN LOCATION	END LOCATION	DEAD WEIGHT
☐ Strength ☒ Leak ☐ Both				
10-REASON FOR TEST ☐ New Facility ☐ Pre-Test ☐ Repair ☐ Retest		HIGH POINT	LOW POINT	PRESSURE PUMP

11-PRESSURE DATA			
	PRELIMINARY LEAK PRESSURE	BEGIN STATION MINIMUM PRESSURE	END STATION MINIMUM PRESSURE
	REQUIRED TEST PRESSURE 100 P.S.I.	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 6/17/99 HOUR 12:40 PM	DATE 6/17/99 HOUR 1:40 PM	Warm Windy

15-COMMENTS Called Jicarilla Test with E.P.N.G. and Inspected Test of Test (Answering Machine)

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

APPROVALS

DATA TAKEN BY: [illegible], L.L.E.C. TEST APPROVED BY: DATE:

TEST WITNESSED BY: Mike Underhill TEST COMPANY: Jicarilla

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

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/7/97,

or cash received on _____ in the amount of $ 690.00

from Williams Field Services

for 30-5 CDP (Facility Name) GW-108 (DP No.)

Submitted by: _____ Date: _____

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

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal X

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 97

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
02/07/97	[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

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT [redacted] 02/07/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
12797	GW-108 Discharge R 30-5 CDP	01/27/97	690.00	0.00	690.00
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

NOTICE OF PUBLICATION

12246

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 application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-108) - Williams Field Services, Ms. Leigh Gooding, (801)-584-6543, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "30-5 CDP" compressor station located in Section 18, Township 30 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 160 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 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 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 12th day of December, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

WJL/pws

JAN 22 1997

NO EFFECT FINDING

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

Date January 16, 1997

Consultation # 97GWP-OCD1

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.

NEW MEXICO OIL DIVISION
ATTN: SALLY MATRINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 589204 ACCOUNT: 56689

LEGAL NO: 60935 P.O. #: 96199002997

168 LINES ONCE at $ 67.20

Affidavits: 5.25

Tax: 4.53

Total: $ 76.98

NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 12th day of December 1996.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director
Legal #60935
Pub. December 19, 1996

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 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 #60935 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 19TH day of DECEMBER 1996 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 19TH day of DECEMBER A.D., 1996

Okay to pay mws 12-31-96

OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires: 9/01/99

DEC 31 1996
NM Energy, Minerals & Natural Resources Department
Oil Conservation Division

Affidavit of Publication

STATE OF NEW MEXICO
County of Rio Arriba } ss.

DEC 31 1996

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 26th day of Dec 1996 and the last publication on the 26th day of Dec 1996; 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.

PUBLISHER'S BILL

101 lines one time at $ 40.40
1 affidavits lines times $ 5.00
Sub Total $ 45.40
Tax $ 4.54
Total $ 49.94

Received payment

.....

RIO GRANDE SUN

By .....

Robert Trapp
Publisher

Subscribed and sworn to before me this 26th day of Dec, A.D., 1996

Ruth J. Trapp
Notary Public

My Commission expires

5-17-97

okay DW 12-31-96

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 application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

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The discharge plan address how spills, leaks, and other accidenal discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Divisior and may submit written comments to the Director of the Oi 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.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 12th day of December, 1996.

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

(SEAL)

(Published December 26, 1996)

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 application has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 12th day of December, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

WJL/pws

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

November 5 , 1996

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

Discharge Plan Renewal: 30- 5 CDP Compressor Station (GW- 108)

Dear Mr. Anderson:

Enclosed, please find a check for $50 to cover the application fee for the Discharge Plan Renewal of Williams Field Services' (WFS') 30-5 CDP Compressor Station. Since the original Discharge Plan was approved, WFS has added four Waukesha 7042 GLs to the facility for a total of nine compressor units site rated at 1088 horse power. No additional glycol dehydrators have been installed. No new liquid wastes were generated by the modification. WFS will continue to handle all liquid wastes in accordance with the approved OCD Discharge Plan (GW-108) and this renewal.

If you have any questions or require additional information, please do not hesitate to contact me at (801) 584-6543.

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust, NMOCD District III Office

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

RECEIVED
DEC 1 1 1996
Environmental Bureau
Oil Conservation Division

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: 30-5 CDP Compressor Station
2. Operator: Williams Field Services Company

   Address: 295 Chipeta Way P.O. Box 58900 Salt Lake City Utah 84158

   Contact Person: Ms. Leigh Gooding Phone: (801) 584-6543
3. Location: NW /4 SW /4 Section 18 Township 30 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 herby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: Terry G. Spradlin Title: Manager, Environment Health & Safety

Signature: [signature] Date: 11-4-96

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 10/28/96,

or cash received on _____ in the amount of $ 50.00

from WFS

for 30-5 CDP (Facility Name) GW-108 (OCD No.)

Submitted by: _____ Date: _____

Submitted to ASD by: [signature] Date: 12/11/96

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
10/28/96	[redacted]	50.00

PAY
FIFTY AND 00/100----------

TO THE ORDER OF
NEW MEXICO OIL CONSERVATION DI
NM WATER QUALITY MGMT FUND
2040 SOUTH PACHECO
SANTA FE NM 87504

Williams Field Services Company
[signature]
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

4341 NEW MEXICO OIL CONSERVATION DI [redacted] 10/28/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
101196C	SJ 30-5 #1 CDP	10/11/96	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

October 11, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-667

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

RE: Discharge Plan GW-108 Renewal
San Juan 30-5 No. 1 CDP
Rio Arriba County, New Mexico

Dear Ms. Gooding:

On April 29, 1992, the groundwater discharge plan, GW-108, for the **San Juan 30-5 No. 1 CDP Compressor Station** located in Section 18, Township 30 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) regulations and was approved for a period of five years. **The approval will expire on April 29, 1997.**

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. **If Williams Field Services submits an application for renewal at least 120 days before the discharge plan expires (on or before December 29, 1996), 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 you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

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 your discharge plan renewal request.(Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to Williams Field Services in the past. If you require copies of these items notify the OCD at (505)-827-7152. A complete copy of the regulations is also available on OCD's website at www.emnrd.state.nm.us/ocd.htm.)

The discharge plan renewal application for the San Juan 30-5 No.1 CDP Compressor Station is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty ($50) dollars plus a flat fee of six-hundred and ninety ($690) dollars for Compressor Stations over 3,000 horsepower.

The fifty ($50) dollar filing fee is to be submitted with 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.

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

If you no longer have any actual or potential discharges a discharge plan is not needed, please notify this office. If you have any questions regarding this matter, please do not hesitate to contact Pat Sanchez at (505) 827-7156.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/pws

P 288 258 667

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

Sent to Ms. Gooding	
Street & Number WFS - REV 6 MONTH	
Post Office, State, & ZIP Code GW 108.	
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

xc: Mr. Denny Foust - Aztec OCD District Office

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

'93 MAY 7 AM 8 4

SUBMIT 2 COPIES TO APPROPRIATE DISTRICT OFFICE IN ACCORDANCE WITH RULE 116 PRINTED ON BACK SIDE OF FORM

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

OPERATOR: Williams Field Service					ADDRESS: P.O. Box 215 Bloomfield, NM.		TELEPHONE #: (505) 632-4600
REPORT OF	FIRE X	BREAK X	SPILL	LEAK	BLOWOUT	OTHER*	
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE X	GASO PLNT	OIL RFY	OTHER*

FACILITY NAME: San Juan 30-5 # 56

LOCATION OF FACILITY Qtr/Qtr Sec. or Footage: M	SEC. 22	TWP. 30,	RGE. 5	COUNTY: Rio Arriba

DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK: Approx. 13 miles east of Navajo Dam

DATE AND HOUR OF OCCURRENCE: 4/22/93 1140			DATE AND HOUR OF DISCOVERY: 4/22/93 1140	
WAS IMMEDIATE NOTICE GIVEN?	YES	NO	NOT REQUIRED X	IF YES, TO WHOM
BY WHOM				DATE AND HOUR
TYPE OF FLUID LOST: Natural Gas			QUANTITY OF LOSS: 643.75 MCF	VOLUME RECOVERED
DID ANY FLUIDS REACH A WATERCOURSE?	YES	NO X	QUANTITY	

IF YES, DESCRIBE FULLY**

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**

Damaged pipeline caused by ditching machine

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**

DESCRIPTION OF AREA	FARMING	GRAZING X	URBAN	OTHER*			
SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY X	ROCKY	WET	DRY X	SNOW

DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**

Clear Sunny Dry

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNATURE: [signature] PRINTED NAME AND TITLE: Roger Mathis, Dispatcher DATE: 4/29/93

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

May 7, 1992

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

Re: San Juan 30-5 No. 1 C.D.P. Discharge Plan Fee

Dear Mr. Anderson:

Enclosed is a check for $1380.00, issued to NMED-Water Quality Management Fund, to cover the discharge plan assessment fee for the San Juan 30-5 No. 1 C.D.P. discharge plan.

I appreciate OCD's efficient system for processing and approving discharge plans. Please call me at (801) 584-6716 if you have any questions or need additional information.

Regards,

Carol Revelt

Carol Revelt
Environmental Specialist

Enclosure

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

VOUCHER NUMBER	INVOICE NUMBER	PURCHASE ORDER	INVOICE DATE	AMOUNT	COUNT	NET AMOUNT
051107	0135051		04-29-92	1,380.00	.00	1,380.00
		San Juan 30-5 No. 1 CDP Compressor (GW-108) Flat fee			State in	
		TOTALS		1,380.00	.00	1,380.00

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 5/8/92,
or cash received on 5/14/92 in the amount of $ 1380.00
from Williams Field Services Company
for San Juan 30-5 No. 1 C.D.P. Compressor Station (GW-108)
(Facility Name) (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 5/14/92
Received in ASD by: Florence C. Montoya Date: 5/14/92
Filing Fee ___ New Facility X Renewal ___
Modification ___ Other _____
(specify)
Organization Code 521.07 Applicable FY 80

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 05/08/92 CHECK NO. [redacted] NET AMOUNT ******1,380.00

PAY
ONE THOUSAND THREE HUNDRED EIGHTY 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
Ronald E. Houston
BY _____ ASSISTANT TREASURER
AUTHORIZED REPRESENTATIVE

[redacted]

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

March 19, 1992

Mr. Roger Anderson
Acting Bureau Chief
Environmental Bureau
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Anderson:

This responds to the Notice of Publication dated March 12, 1992, regarding the Oil Conservation Division discharge permit applications GW-108, GW-103, and GW-107 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-108 - Williams Field Services San Juan 30-5 No. 1 C.D.P., NW 1/4, SW 1/4, and NE 1/4, SW 1/4 of Section 18, T30N, R5W, Rio Arriba County, New Mexico.

GW-103 - Yates Petroleum Corporation Livingston Ridge Compressor Station, SW 1/4, SW 1/4 of Section 7, T22S, R32E, Lea County, New Mexico.

GW-107 - Sid Richardson Carbon and Gasoline Company Jal #4 Compressor Facility, SE 1/4 of Section 31, T23S, R37E, Lea County, New Mexico.

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

Sincerely,

for Michael J. Donahoo

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.

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:

(GW-108) — 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 30-5 No. 1 C.D.P., located in the NW/4 SW/4 and NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of wastewater will be contained in above ground tanks prior to disposal in an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 feet with a total dissolved soilds concentration of approximately 2000 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-103) — Yates Petroleum Corporation, Chuck Morgan, 105 South Fourth Street, Artesia, New Mexico, 88210, has submitted a discharge plan application for their Livingston Ridge Compressor Station located in the SW/4 SW/4, Section 7, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 100 gallons per day of waste water is contained in above ground tanks prior to disposal in an OCD approved Class II disposal well. There is no known protectable groundwater below the site. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-107) — Sid Richardson Carbon & Gasoline Company, Wayne J. Farley, Manager, Gas Operations, 201 Main Street, Fort Worth, Texas 7810[illegible] has submitted a discharge plan renewal application for the Jal #4 Compressor Facility located in the SE/4, Section 31, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico. This facility is the compressor portion of the former El Paso Natural Gas Company Jal #4 Gas Processing Plant (GW-7). Approximately 3500 gallons per day of wastewater is collected in above ground tanks prior to disposal in an OCD approved Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 105 feet with a total dissolved solids concentration of approximately 7500 mg/1. 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 5:00 pm., 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 9th day of March, 1992.

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

(SEAL)
(Published March 19, 1992)

Affidavit of Publication

NEW MEXICO
Rio Arriba } ss.

rt Trapp, being first duly sworn, declare and say that I am the Publ- Rio Grande Sun, a weekly newspaper, published in the English lan- having a general circulation in the City of Espanola and County of State of New Mexico, and being a newspaper duly qualified to pub- tices and advertisements under the provisions of Chapter 167 of the s of 1937; that the publication, a copy of which is hereto attached,

ed in said paper once each week for 1 consecutive weeks, and day of each week in the regular issue of the paper during the time n, and that the notice was published in the newspaper proper, and

pplement, the first publication being on the 19th day of ch 19 92 and the last publication on the 19th day ch 19 92; that payment for said advertisement has ade), or (assessed as court costs); that the undersigned has person- of the matters and things set forth in this affidavit.

Robert Trapp
Publisher

Subscribed and sworn to before me this 19th day of March, A.D., 1992

Ruth Lopez
Notary Public

My Commission expires
5-17-93

Display Advertising — SS - Stand Sples

Supplies

t per mont

balance after 30 days

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:

(GW-108) - Williams Field Services, Robert Peacock, Project Manger, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah, 84158, has submitted a discharge plan application for their San Juan 30-5 No. 1 C.D.P., located in the NW/4 SW/4 and NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of wastewater will be contained in above ground tanks prior to disposal in an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan address how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-103) - Yates Petroleum corporation, Chuck Morgan, 105 south Fourth Street, Artesia, New Mexico, 88210, has submitted a discharge plan application for their Livingston Ridge Compressor Station located in the SW/4 SW/4, Section7, Township 22 south, Range 32 East, NMPM, Lea County, New Mexico. Approximately 100 gallons per day of waste water is contained in above ground tanks prior to disposal in an OCD approved Class II disposal well. There is no known protectable groundwater below the site. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-107) - Sid Richardson Carbon & Gasoline Company, Wayne J. Farley, Manager, Gas Operations, 201 Main Street, Fort Worth, Texas 76102, has submitted a discharge plan renewal application for their Jal #4 compressor Facility located in the SE/4, Section 31, Township 232 South, Range 37 East, NMPM, Lea County, New Mexico. This facility is the compressor portion of the former El Paso Natural Gas Company Jal #4 Gas Processing Plant (GW-7). Approximately 3500 gallons per day of wastewater is collected in above ground tanks prior to disposal in an OCD approved Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 7500 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be manage.

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 5:00 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

STATE OF NEW MEXICO
County of Bernalillo ss

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal** , and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for 1 times, the first publication being on the 19 day of Mar, 1992, and the subsequent consecutive publications on ....., 1992.

Thomas J. Smithson

OFFICIAL SEAL
Signature Bernadette Ortiz
BERNADETTE ORTIZ
NOTARY PUBLIC-NEW MEXICO
NOTARY BOND FILED WITH SECRETARY OF STATE
My Commission expires: 12-18-93

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this 19 day of Mar, 1992.

PRICE $ 35.69

Statement to come at end of month.

CLA-22-A (R-12/92)

ACCOUNT NUMBER C 81184

Affidavit of Publication

STATE OF NEW MEXICO)

) ss.

COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

and numbered ..... in the

..... Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week on the same day of the week,~~ for one (1) day ~~consecutive weeks~~, beginning with the issue of

March 18, 19 92

and ending with the issue of

March 18, 19 92

And that the cost of publishing said notice is the sum of $ 39.42

which sum has been (Paid) (~~Assessed~~) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 18th day of March, 19 92

Mrs. Jean Henson

Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 94

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 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:

(GW-108) - 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 30-5 No. 1 C.D.P., located in the NW/4 SW/4 and NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of wastewater will be contained in above ground tanks prior to disposal in an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration of approximately 2000 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-103) - Yates Petroleum Corporation, Chuck Morgan, 105 South Fourth Street, Artesia, New Mexico, 88210, has submitted a discharge plan application for their Livingston Ridge Compressor Station located in the SW/4 SW/4, Section 7, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 100 gallons per day of waste water is contained in above ground tanks prior to disposal in an OCD approved Class II disposal well. There is no known protectable groundwater below the site. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-107) - Sid Richardson Carbon & Gasoline Company, Wayne J. Farley, Manager, Gas Operations, 201 Main Street, Fort Worth, Texas 76102, has submitted a discharge plan renewal application for their Jal #4 Compressor Facility located in the SE/4, Section 31, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico. This facility is the compressor portion of the former El Paso Natural Gas Company Jal #4 Gas Processing Plant (GW-7). Approximately 3500 gallons per day of wastewater is collected in above ground tanks prior to disposal in an OCD approved Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 105 feet with a total dissolved solids concentration of approximately 7500 mg/1. 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 5:00 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 9th day of March, 1992.

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

SEAL

Published in the Lovington Daily Leader March 18, 1992.

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:

(GW-108) - 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 30-5 No. 1 C.D.P., located in the NW/4 SW/4 and NE/4 SW/4, Section 18, Township 30 North, Range 5 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of wastewater will be contained in above ground tanks prior to disposal in an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 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-103) - Yates Petroleum Corporation, Chuck Morgan, 105 South Fourth Street, Artesia, New Mexico, 88210, has submitted a discharge plan application for their Livingston Ridge Compressor Station located in the SW/4 SW/4, Section 7, Township 22 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 100 gallons per day of waste water is contained in above ground tanks prior to disposal in an OCD approved Class II disposal well. There is no known protectable groundwater below the site. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-107) - Sid Richardson Carbon & Gasoline Company, Wayne J. Farley, Manager, Gas Operations, 201 Main Street, Fort Worth, Texas 76102, has submitted a discharge plan renewal application for their Jal #4 Compressor Facility located in the SE/4, Section 31, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico. This facility is the compressor portion of the former El Paso Natural Gas Company Jal #4 Gas Processing Plant (GW-7). Approximately 3500 gallons per day of wastewater is collected in above ground tanks prior to disposal in an OCD approved Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 105 feet with a total dissolved solids concentration of approximately

7500 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 aa.m. and 5:00 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 9th day of March, 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 3/2/92,

or cash received on 3/6/92 in the amount of $ 50.00

from Williams Field Services

for San Juan 30-5 CDP GW-108

(Facility Name) (DP No.)

Submitted by: Roger C Anderson Date: 3/6/92

Submitted to ASD by: _____ Date: _____

Received in ASD by: Timothy C Montoya Date: 3/6/92

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____
(specify)

Organization Code 521.07 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 03/02/92

CHECK NO. [redacted]

NET AMOUNT **********50.00

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
Ronald R. [illegible]
ASSISTANT TREASURER

BY _____
AUTHORIZED REPRESENTATIVE

[redacted]

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

February 27, 1992

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

Re: Discharge Plan for the San Juan 30-5 C.D.P. #1 - Rio Arriba County

Dear Mr. Anderson:

Enclosed please find three copies of Williams Field Services' Discharge Plan for the San Juan 30-5 No. 1 C.D.P., 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.

Your assistance in processing this discharge plan is appreciated.

Sincerely,

Carol Revelt

Carol Revelt
Environmental Specialist

Attachment

cc: D. Compton, 10309

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

VOUCHER NUMBER	INVOICE NUMBER	PURCHASE ORDER	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
021695	DI3305		02-27-92	50.00	.00	50.00
		TOTALS		50.00	.00	50.00

RECEIVED

MAR 0 3 1992

OIL CONSERVATION DIV.
SANTA FE

DISCHARGE PLAN

SAN JUAN 30-5 NO. 1 C.D.P.

Williams Field Services

February, 1992

0014/CR

1.0 GENERAL INFORMATION

1.1 Legally Responsible Party

Williams Field Services
San Juan 30-5 No. 1 C.D.P.
P.O. Box 58900, M.S. 10368
Salt Lake City, Utah 84158-0900
(801) 584-6716

Contact Person

Carol Revelt
Environmental Specialist
(801) 584-6761
Address, Same as Above

1.2 Location of Discharge

The San Juan 30-5 No. 1 C.D.P. is located in the NW SW and NE SW of Section 18, Township 30 North, Range 5 West, Rio Arriba County. A vicinity map is attached (Gomez Ranch, NM topographic map) as Exhibit 1. A site plan is provided as Exhibit 2. The cleared site for this Compressor Station is approximately 3 acres. The site boundary survey is provided in Figure 1.

1.3 Type of Natural Gas Operation

The San Juan 30-5 No. 1 C.D.P. 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.

Five (5) 990 horse power (site rated), skid mounted, self contained, natural gas fired lean-burn compressor units and five (5) 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.

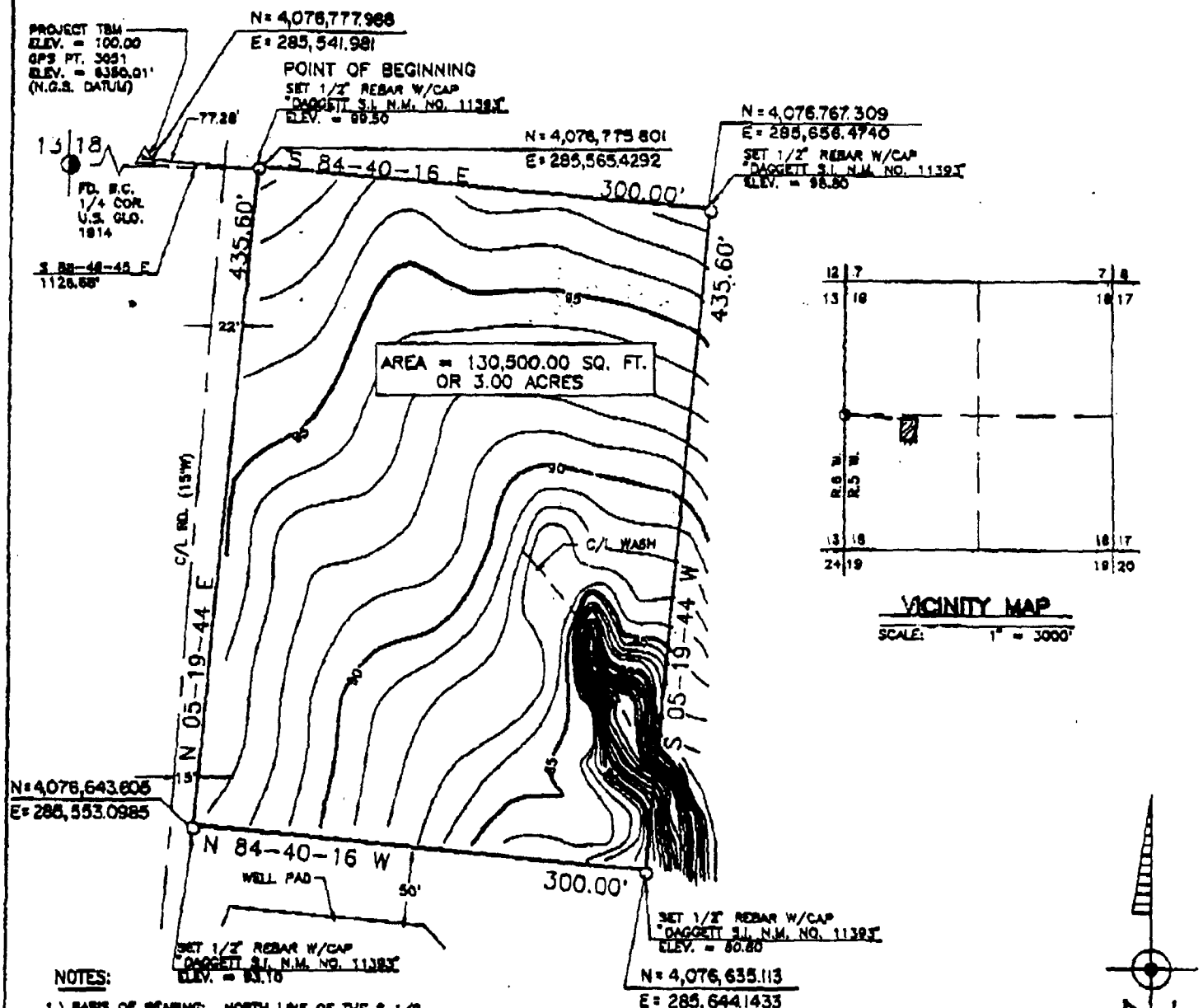
1.4 Affirmation

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	February 28, 1992 Date
Robert Peacock Name	Project Manager Title

A BOUNDARY SURVEY FOR

WILLIAMS FIELD SERVICES
SAN JUAN 30-5 NO.1 C.D.P.
SW/4 SEC. 18, T.30 N., R.5 W., N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO



NOTES:

1.) BASIS OF BEARING: NORTH LINE OF THE S 1/2 OF SECTION 18, T.30 N., R.5 W., N.M.P.M., RIO ARRIBA COUNTY, NEW MEXICO BEARD: WEST

2.) BASIS OF ELEVATION: PROJECT T.B.M.: IRON PIN SET AS REFERENCE POINT 77.28' FROM NW COR., (G.P.S. POINT 3051, ELEV. = 6350.01' N.G.S. DATUM) ASSUMED ELEVATION = 100.00

3.) O = 1/2" REBAR W/CAP "DAGGETT S.J. N.M. NO. 11393"

4.) AREA = 130,500.00 SQ/FT. = 3.00 ACRES

5.) COORDINATES ARE NAD 27 U.T.M. ZONE 13

6.) NORTH AND EAST COORDINATES ARE IN METERS

DATE: 8/23/91

I, HENRY B. BROADHURST SR., 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.

U.T.M.	B.V.	9-3-91
REVISION	REV. BY	DATE

DAGGETT SURVEYING, INC.
P.O. BOX NO.2789
FARMINGTON, NEW MEXICO 87401
(505) 326-1772
REGISTERED LAND SURVEYOR
NEW MEXICO No.11393

DRAWN BY L.R.R. R.O.W. # NW165

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 San Juan 30-5 No. 1 C.D.P.

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 (Pollution). 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	625 gal each quarter	Used Motor Oil	None
Glycol Regeneration	Collected Separately in Evaporation Standpipe	75 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

Spill control measures for tanks on saddle racks will provide overflow and spill containment at the piping and valving at the tank. 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 NMOCD pursuant to Rule 116 using the OCD form (see Appendix B).

Spill containment dikes around 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 drains by sheet flow to the southeast.

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 San Juan 30-5 No. 1 C.D.P. is located in the NW SW and NE SW of Section 18, Township 30 North, Range 5 West, Rio Arriba County. The graded site elevation is approximately 6,340 feet above sea level. Soils at this site are sandy clay (See Figure 2 - Soil Analysis Worksheets from Sundale Association) and vegetation at the site is mainly sagebrush with approximately 60% cover. Vegetation surrounding the site consists of sagebrush with isolated stands of pinon and juniper trees.

The site is located approximately 160 vertical feet and 2400 horizontal feet north of La Jara Creek, which is an intermittent stream. A review of the available hydrologic data[1] for this area revealed that the closest documented source of ground water to this site is located in the alluvial deposits of La Jara Wash, more than 160 feet below the site. Ground water within these alluvial deposits flows toward Navajo Reservoir to the Northwest.

The nearest perennial source of surface water to the site is the upper reaches of Navajo Reservoir in La Jara Canyon at 6,100 feet in elevation, located approximately 2.0 miles northwest of the 30-5 No. 1 C.D.P. site.

B. Flood Protection

Surface water runoff from the area surrounding the site will be diverted toward the natural wash at the southeast corner of the site after final excavation and grading are complete.

---

[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.

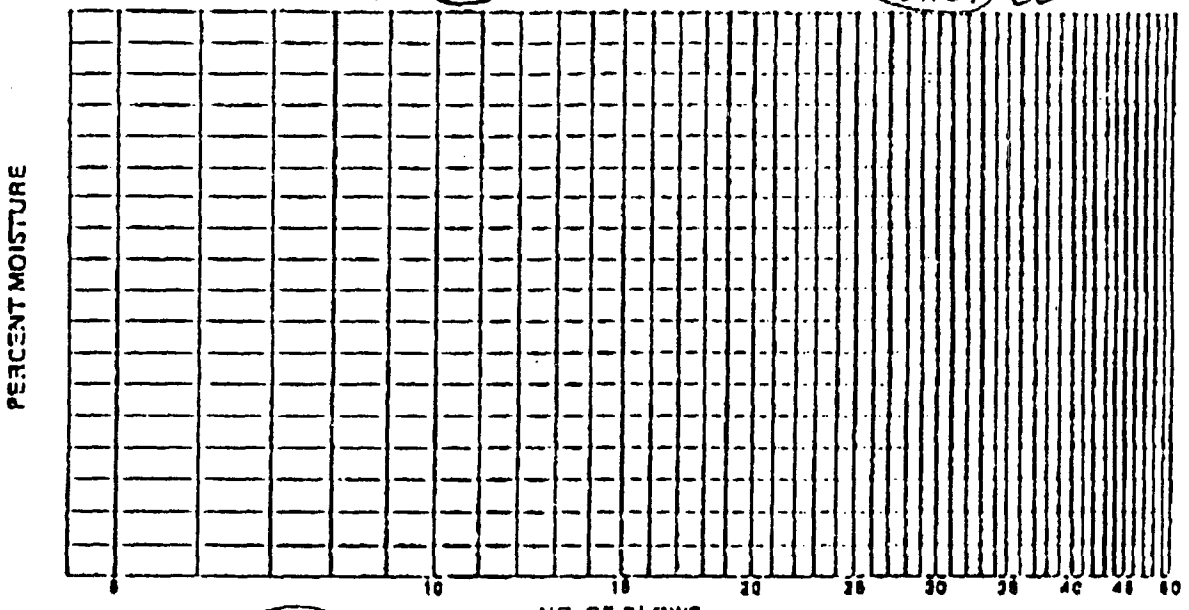
SOIL CONSISTENCY TEST (THREE-POINT LIQUID LIMIT METHOD)

SAMPLE NO.	FEATURE	PROJECT
1	Production Operators	30-5 La Jara

Air dried ☐ Tested by JHCays Date 1-7-92
Oven dried ☒ Computed by _____ Date _____
Natural ☐ Checked by _____ Date _____

	Plastic Limit		Liquid Limit		
Trial No.	1	2	1	2	3
Dish No.	A	B	C	b	E
No. of blows			25	24	25
Mass of dish + wet soil (g)	25.03	25.74	27.34	27.21	28.05
Mass of dish + dry soil (g)	24.23	24.87	25.57	25.45	26.18
Mass of dish (g)	20.08	20.01	19.93	19.87	20.11
Mass of water (g)	.80	.90	1.77	1.76	1.87
Mass of dry soil (g)	4.20	4.83	5.64	5.61	6.05
% moisture	19.0 ✓	18.6 ✓	31.4 ✓	31.4 ✓	31.2 ✓
Average plastic limit			31.4	31.2	31.2

PL (18.8) FLOW CURVE (31.27) LL



	LL	−	PL	=	PI =
Liquid Limit (LL)	31.27	Plastic Limit (PL)	18.8	Plasticity Index (PI = LL − PL)	12.47

SHRINKAGE TEST

Shrinkage dish no.		Vol. of shrinkage dish (V)	
Mass of dish + wet soil (g)		Vol. of dry soil (V_o)	
Mass of dish + dry soil (g)		$V - V_o$	
Mass of water (g)			
Mass of dish (g)		$\frac{V - V_o}{W_o}$	
Mass of dry soil (W_o) (g)		Shrinkage limit	
% moisture		Shrinkage ratio	

Auxiliary tests: Remarks:

FIGURE 2

SUNDALE ASSOCIATES
Engineering & Testing
LABORATORY WORKSHEET FOR SIEVE ANALYSIS

Project 30-S Lajara Comp. Sta. Item No: TM-1 Grading
Date Sampled: 1-10-92 Date Tested: Tested By: VMS Checked By:
Where Sampled: @ Site Quantity Tested:
Aggregate Source: Native Lot: Subtotal:

Sieve Size U.S. Standard	(A) +#4 Wash Wt.Ret'd	(B) -#4 Wash Wt.Ret'd	(C) -#4 Calculated Wt.Ret'd	(D) Wt.Ret'd	(E) Combined Wt.Passg	(F) % Passing	(G) T.V. or Range
Original							
3"							
2 1/2"							
2"							
1 1/2"							
1"							
3/4"							
1/2"							
3/8"							
No. 4				0			
No. 8				0			
No. 10				0	437[2]	100	
No. 16				1[1]	436[8]	99[7]	
No. 30				3[7]	432[1]	98[8]	
No. 40				5[6]	426[5]	97[6]	
No. 50				16[4]	410[4]	93[7]	
~~No. 80~~							
No. 100				21[9]	388[5]	88[7]	
No. 200				55[1]	333[4]	76[3]	
Pan				6[6]			
Wash							
Total				110[4]			

	+ NO. 4	- NO. 4
Total Wt. Wet Matl		
Total Wt. Dry Matl		437[2]

	+ NO. 4 WASH TEST (H)	- NO. 4 WASH TEST (I)
Orig.Tested Wet Wt		
Orig.Tested Dry Wt		437[2]
Final Washed Wt.		110[4]
Loss		
Percent Loss		

MOISTURE DETERMINATION

	+ NO. 4 (J)	- NO. 4 (K)
Pan Number		NONE NEEDED
Original Weight		
Final Weight		
Loss		
Percent Loss		

- NO. 4 WASH TEST FACTOR (L)

Total Weight - #4 / Weight of #4 Tested = _____

A

EXHIBIT "A"
MATERIAL SAFETY DATA SHEETS

Mobil

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.

Mobil

********** 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

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

FOR MOBIL USE ONLY: (FILL NO: RN1022D1001) MCN: , MHC: 1* 1* NA 0* 0*, MPPEC: , PPEC: , US83-002 APPROVE 08/23/83

MATERIAL SAFETY DATA SHEET

I. MATERIAL IDENTIFICATION

Name: Antifreeze/Coolant, Conoco
Conoco Product Code: 2110
Synonyms: Ethylene Glycol
Manufacturer: Conoco Inc.
Address: P.O. Box 1267, Ponca City, OK 74603

CAS Registry No.: Mixture; major components may be some combination of 107-21-1
Transportation Emergency No.: (800) 424-9300 (Chemtrec)
Product Information No.: (405) 767-6000

II. HAZARDOUS INGREDIENTS — HAZARD DATA

Hazard Determination:

Health Effect Properties:

Ethylene glycol — Toxic to nervous system, kidney and liver.

Physical Effect Properties:

Product/Mixture: None. — Not Applicable.

III. PHYSICAL DATA

Appearance and Odor: Fluorescent green liquid: mild glycol odor.

Boiling Point (Deg.F)	320	Specific Gravity (H_2O=1)	1.125
Vapor Pressure (mmHg)	0.05	% Volatile (by volume)	Not Applicable
Vapor Density (Air=1)	2.14	Evaporation Rate (=1)	Not Applicable
Solubility in Water	Completely		

IV. REACTIVITY DATA — Stable: X Unstable:

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, vapors of ethylene glycol.

Conditions To Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

November 4, 1985

72-62-7820-91

MATERIAL SAFETY DATA SHEET

ETHYLENE GLYCOL

SECTION V-HEALTH HAZARD DATA (CONTINUED)

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

IF SWALLOWED: IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER GIVING SYRUP OF IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY:

INHALATION

INGESTION

SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH:, STRONG OXIDIZING AGENTS.

SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

WASTE DISPOSAL METHOD:

SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH APPLICABLE REGULATIONS.

LARGE SPILL: DESTROY BY LIQUID INCINERATION IN ACCORDANCE WITH APPLICABLE REGULATIONS.

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS:, NITRILE RUBBER

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET MUST BE OBSERVED.

ETHYLENE GLYCOL HAS BEEN SHOWN TO PRODUCE DOSE-RELATED TERATOGENIC EFFECTS IN RATS AND MICE WHEN GIVEN BY GAVAGE OR IN DRINKING WATER AT HIGH CONCENTRATIONS. WHILE THERE IS NO CURRENTLY AVAILABLE INFORMATION TO SUGGEST THAT ETHYLENE GLYCOL HAS CAUSED BIRTH DEFECTS IN HUMANS IT IS RECOMMENDED THAT EVERY EFFORT SHOULD BE MADE TO PREVENT THE INGESTION OF ANY ETHYLENE GLYCOL AND TO KEEP PERSONNEL EXPOSURE BELOW THE ACGIH TLV.

OVEREXPOSURE TO COMPONENTS HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS(), KIDNEY DAMAGE

OVEREXPOSURE TO COMPONENTS HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS(), LIVER ABNORMALITIES

B

EXHIBIT "B"
SPILL CONTROL PROCEDURES

Subject or Title

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 (N) 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, 1985

Approval (Page 1 Only)	Approval (Page 1 Only)	Approval (Page 1 Only)
	Barrie B-M Cullen	E C England

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 pecipitation, or displacement by foreign materials.
b. Small dikes for temporary containment should be constructed at valves where leaking of oil or hazardous substances develope.
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

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

Subject or Title

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.	

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**Added

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Subject or Title

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

ATTACHMENT B

*Contractors Available for Discharge or Spill Containment

Contractor Name	Address	Telephone Number
COLORADO		
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	303-242-4308
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		
Envirosafe Services of Idaho	1602 West Franklin Boise, Idaho	208-384-1500
NEW MEXICO		
Four-Four (Burney Strunk)	P.O. Box 821 Farmington, NM 87401	505-327-6041 505-632-2580 (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		
Pegasus Waste Management	30250 S.W. Parkway Avenue Wilsonville, OR 97070	503-682-5802
Riedel Environmental Services, Inc. Portland, OR 97203	Foor of N. Portsmouts 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. G-9, 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 307-276-3626
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) . 1-307-777-7781

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

GOMEZ RANCH QUADRANGLE
NEW MEXICO–RIO ARRIBA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

107°30' 27'30" 25' R. 6 W. R. 5 W. 107°22'30"
36°52'30"
278 000m.E. 170 000 FEET
4083 000m.N.
T. 31 N.
T. 30 N.
2 130 000 FEET
50'
47'30"
2 100 000 FEET
4070 000m.N.
36°45'

(BURNT MESA) (ROSA) 17 MI. TO COLO. 172

S.J. 31-6 #32
30-6 24A
30-5 CDP
30-6 59A

LAJARA COMP. STA.
(PINE RIVER) BLANCO 21 MI.
TRUNK M LIQUID LINE
La Jara Canyon Creek
La Fragua Canyon
La Fragua Creek
Frances Creek
LANDING STRIP
San Juan Camp
Gomez Ranch 6378
PIPELINE
Gas Well
Windmill 6363
Windmill 6391
BM 6429
BM 6421
BM 6159
BM 6393
BM 6240
BM 6561 △ Jinny
BM 6299
VABM △ France 6899

(GOULD PASS) 1:62500

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1950. Field check 1954

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

13½° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1954

SCALE 1:24 000
1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

NEW MEXICO
QUADRANGLE LOCATION

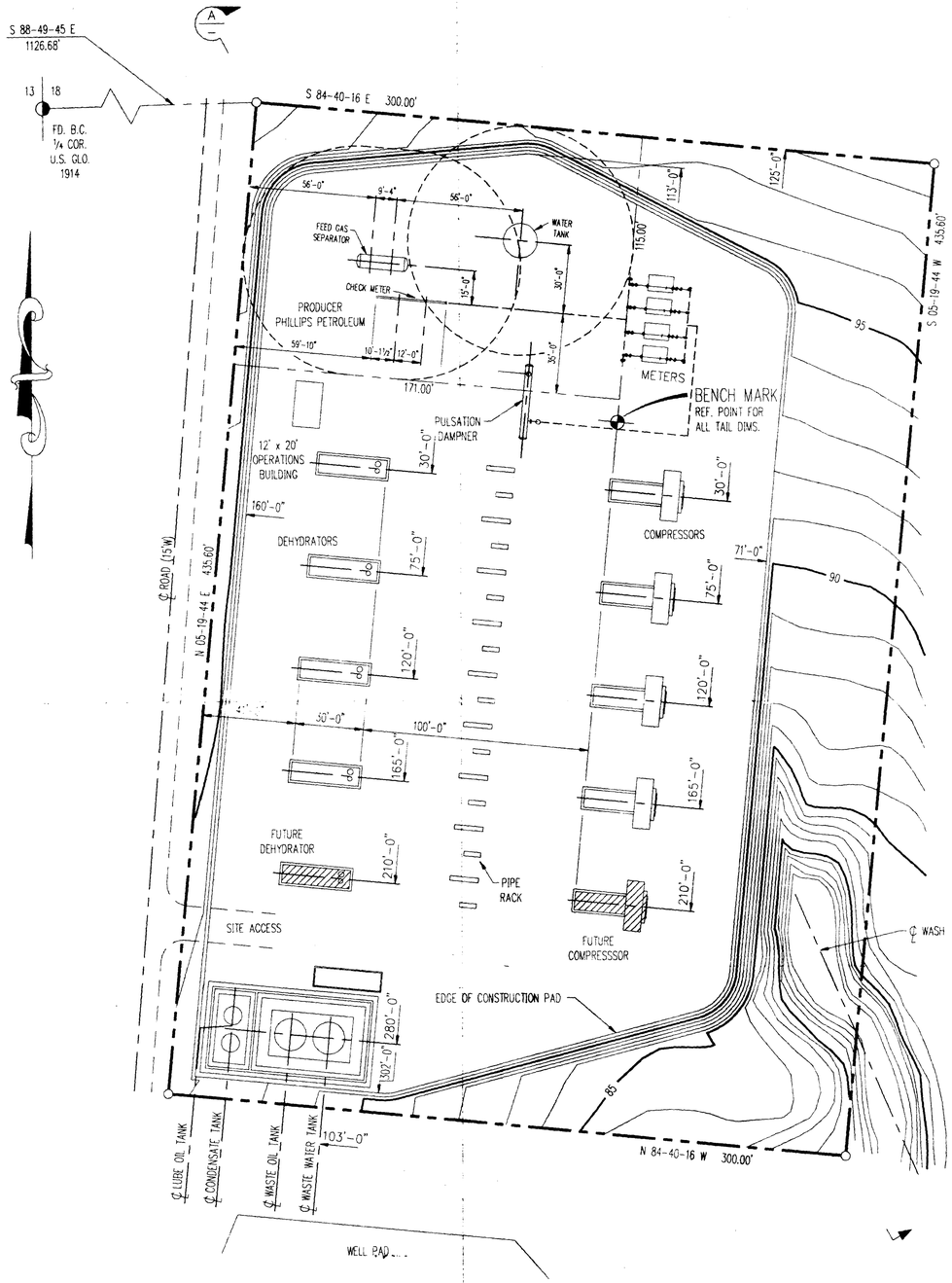
ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - - -

GOMEZ RANCH, N. MEX.
N3645—W10722.5/7.5
1954

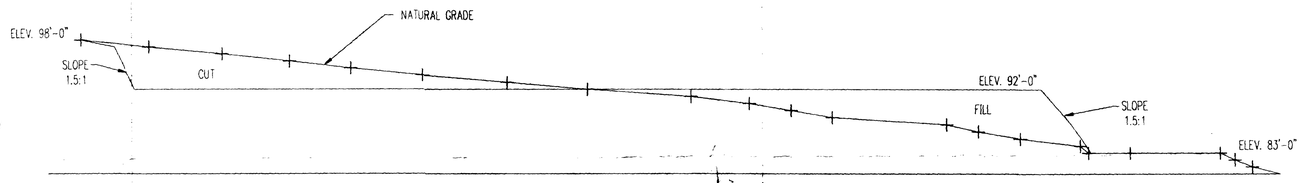
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS SYMBOLS IS AVAILABLE ON REQUEST

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1963
NR 4992

140 000 FEET 8 MI. TO N. MEX. 17 27'30" 4.7 MI. TO N. MEX. 17 287 000m.E.



AREA = 130,680.00 Sq.Ft.
OR 3.00 ACRES



SECTION A-A SITE PROFILE
VERTICAL SCALE EXPANDED 3:1

0 30 60 90
SCALE: 1" = 30'

NOTES:

1. EXCAVATION AREA SHOWN IS AN APPROXIMATE AREA REQUIRED, AND MAY BE ADJUSTED AS REQUIRED BY ACTUAL FIELD CONDITIONS.
2. DRAINAGE AND DIVERSION DAMS ARE TO BE CONSTRUCTED AS REQUIRED AFTER FINAL EXCAVATION AND GRADING IS COMPLETE.

PRODUCTION OPERATORS INC.

NO.	DATE	BY	DESCRIPTION	W.O. #	APP.
0					

REVISIONS

DRAFTING	BY	DATE
DRAWN	HFW	11/11/91
CHECKED		
APPROVED		
ENGINEERING	BY	DATE
C & S REVIEW		
PROJECT APPROVED		
PLOT DATE/TIME	12/30/1991 2:35 P.M.	

WILLIAMS FIELD SERVICES
ONE OF THE

RECEIVED
MAR 03 1992
OIL CONSERVATION DIV
SANTA FE

SAN JUAN 30-5 No.1 CDP
EXCAVATION & SITE LAYOUT

SCALE: 1" = 30'
W.O. #

DWG. NO. 30-5-1-M1