

GW - 122

# GENERAL CORRESPONDENCE

YEAR(S):  
2006-1992

RECEIVED

2007 NOV 13 AM 11 55



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.

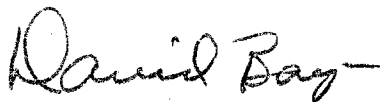
Please see the attached Table 1 and Table 2, from the recent OCD Discharge Plan renewal application for Williams' Rosa Compressor Station, for an example of how the updates apply at a typical Williams' facility. The updated information is indicated by bold text. We will update this information in each 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 <b>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.</b>
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 <b>any facility permitted by any state, federal, or tribal agency to receive industrial solid waste</b> ; or evaporation at Williams' facility may be considered. <b>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.</b>
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 <b>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.</b> 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 <b>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.</b> 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 <b>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.</b> 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	<b>Inlet Scrubber, Gas Inlet Separator, Dehydrators</b>	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
<b>Used Process Filters</b>	<b>Charcoal, Activated Carbon, Molecular Sieve</b>	<b>50-500 cubic yd/yr</b>	<b>No Additives</b>
Used Process Filters	<b>Air, Inlet, Fuel, Fuel Gas, Glycol, Amine, Ambitrol</b>	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,

A handwritten signature in cursive script that reads "David Bays".

David Bays  
Senior Environmental Specialist

Attachments

xc: Clara Cardoza  
Monica Sandoval  
WFS FCA file 210



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor  
Betty Rivera  
Cabinet Secretary

August 13, 2002

Lori Wrotenbery  
Director  
Oil Conservation Division

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

RE: Discharge Plan Approval Letters for GW-121 and GW-122

Dear Mr. Bareta:

Please find enclosed the original discharge plan approval letters for each of the above captioned sites. These are for your files and become an integral part of the discharge plan. I have retained the executed conditions for our permanent files.

Sorry about the punch holes, didn't realize they were the originals for you until too late. If you have any questions contact me at (505) 476-3489.

Sincerely,

A handwritten signature in dark ink, appearing to read "W. Jack Ford".

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

Enclosure(s) 2



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

August 12, 2002

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

**RECEIVED**

**AUG 13 2002**  
*Environmental Bureau*  
*Oil Conservation Division*

Dear Sir or Madam:

Enclosed please find check number 1000475342, for amount of \$3,400.00, to cover the fees for the following discharge plans:

29-6 #4	GW-122	\$1,700.00
29-6 #2	GW-121	\$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 Specialist



ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8-2-02,  
or cash received on 8-13-02 in the amount of \$ 3,400.00  
from Williams Field Services  
for GW-122 and GW-121 Discharge Plans  
Submitted by: Martyn Kielin Date: 8-13-02  
Submitted to ASD by: Martyn Kielin Date: 8-13-02  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee \_\_\_\_\_ New Facility \_\_\_\_\_ Renewal ☒  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(separately)

Organization Code 521.07 Applicable FY 2002

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

PAY TO THE ORDER OF

PAY  \*\*\*\*\*\$3,400.00

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

SANTA FE  
United States

NM 87504

Bank One, NA  
Illinois



Authorized Signer



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor  
Betty Rivera  
Cabinet Secretary

July 10, 2002

Lori Wrotenbery  
Director  
Oil Conservation Division

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 3929 9000**

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

**RE: Discharge Plan Renewal Approval GW-122  
Williams Field Services Company  
29-6 #4 CDP Compressor Station  
Rio Arriba County, New Mexico**

Dear Mr. Bareta:

The ground water discharge plan renewal GW-122 for the Williams Field Services Company 29-6 #4 CDP Compressor Station located in the SE/4 SE/4 of Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 days of receipt of this letter.**

The original discharge plan application was submitted on May 15, 1992 and approved July 29, 1992. The discharge plan renewal application, dated March 22, 2002, was submitted pursuant to Sections 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations. The discharge plan is renewed pursuant to Sections 5101.A. and 3109.C. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Williams Field Services Company of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3104 of the regulations provides: "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 Company 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.

Mr. Mark J. Bareta  
GW-122 29-6 #4 CDP Compressor Station  
July 10, 2002  
Page 2

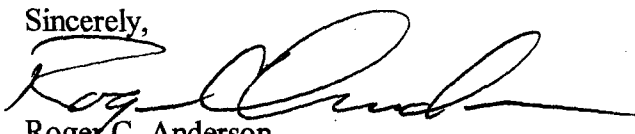
Pursuant to Section 3109.H.4., this discharge plan is for a period of five years. This plan will expire on **July 29, 2007**, and Williams Field Services Company should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan.

The discharge plan application for the Williams Field Services Company 29-6 #4 CDP Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal application will be assessed a non-refundable fee equal to the filing fee of \$100. There is a flat fee assessed for compressor stations with greater than 1001 horsepower rating equal to \$1,700.00. The OCD has received the filing fee.

**Please make all checks payable to: Water Management Quality Management Fund  
C/o: Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505.**

If you have any questions please contact Mr. W. Jack Ford at (505) 476-3489. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



Roger C. Anderson  
Chief, Environmental Bureau  
Oil Conservation Division

RCA/wjf  
Attachment

xc: OCD Aztec District Office

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

OFFICIAL USE

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

Sent To

Street, Apt. No.,  
or PO Box No. *M. Bareta*

City, State, ZIP+4 *WFS*

PS Form 3800, January 2001  
See Reverse for Instructions

Stamp: JUL 10 2002, SANTA FE, NM, 87505

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-122  
WILLIAMS FIELD SERVICES COMPANY  
29-6 #4 CDP COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(July 10, 2002)

1. Payment of Discharge Plan Fees: The \$100.00 filing fee has been received by the OCD. There is a flat fee assessed for compressor stations with greater than 1001 horsepower rating equal to \$1,700.00. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. Williams Field Services Company Commitments: Williams Field Services Company will abide by all commitments submitted in the discharge plan renewal application dated March 22, 2002 and these conditions for approval.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261. Any waste stream that is not listed in the discharge plan will be approved by OCD on a case-by-case basis.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity every 5 years. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: No Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. Housekeeping: All systems designed for spill collection/prevention will be inspected by a Williams Field Services Company's representative on a regular basis and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained for a period of five years.
13. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Storm Water Plan: Williams Field Services Company, Inc. shall maintain storm water runoff controls. As a result of Williams Field Services Company, Inc.'s operations any water contaminant that exceeds the WQCC standards listed in 20 NMAC 6.2.3101 is discharged in any storm water runoff then Williams Field Services Company, Inc. shall notify the OCD within 24 hours, modify the plan within 15 days and submit for OCD approval. Williams Field Services Company shall also take immediate corrective actions pursuant to Item 12 of these conditions.

16. Closure: The OCD will be notified when operations of the 29-6 #4 CDP Compressor Station are discontinued for a period in excess of six months. Prior to closure of the 29-6 #4 CDP Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
17. Certification: Williams Field Services Company, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams Field Services Company further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

WILLIAMS FIELD SERVICES COMPANY.

by \_\_\_\_\_

Title \_\_\_\_\_

## Ford, Jack

---

**From:** Martin, Ed  
**Sent:** Monday, June 10, 2002 3:46 PM  
**To:** Santa Fe New Mexican (E-mail)  
**Cc:** Ford, Jack; Anaya, Mary; Bruce S. Garber; Chris Shuey; Colin Adams; Director, State Parks; Don Fernald; Don Neeper; Eddie Seay; Gerald R. Zimmerman; Jack A. Barnett; James Bearzi; Jay Lazarus; Lee Wilson & Associates; Marcy Leavitt; Martin Nee; Mike Matush; Ned Kendrick; Regional Forester; Ron Dutton; Secretary, NMED  
**Subject:** Legal Notice

Please publish the attached legal notice, one time only, on or before Friday, June 14, 2002.

Upon publication, forward to this office:

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

If you have any questions, please contact me.

Thank you.



Publ. Notice  
GW-121,122.doc

*Ed Martin*

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

**NOTICE OF  
PUBLICATION**

**STATE OF NEW MEXICO  
ENERGY, MINERALS  
AND NATURAL RE-  
SOURCE 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-121) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their 29-6 #2 Compressor Station located in the NE/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 2 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 feet to 400 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-122) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge

plan renewal application for their 29-6 #4 Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 2 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 feet to 200 feet with a total dissolved solids concentrations ranging from 200 to 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 10th day of June, 2002.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Legal #71616

Pub. June 14, 2002



## **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-121) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their 29-6 #2 Compressor Station located in the NE/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 2 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 feet to 400 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.**

**(GW-122) - Williams Field Service, Mark J. Barets, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their 29-6 #4 Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 2 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 100 feet to 200 feet with a total dissolved solids concentrations ranging from 200 to 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.

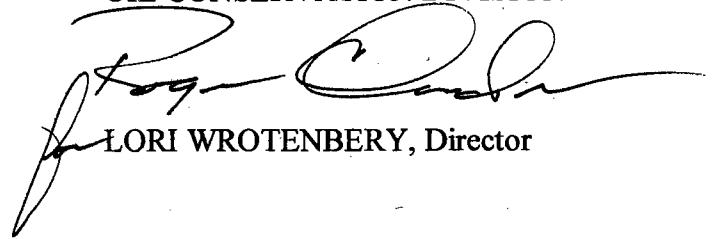
The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication 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 10th day of June, 2002.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read "Lori Wrotenbery", is written over the printed name.

LORI WROTENBERY, Director

SEAL

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/15/02,  
or cash received on \_\_\_\_\_ in the amount of \$ 7,000.00

from Williams Field Services

for 31-6#1 CDP - GW-118 32-8#2 CDP - GW-111 29-6#4 CS - GW-122  
32-7#1 CDP - GW-117 32-8#3 CDP - GW-116 29-6#2 CS - GW-121

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
(Facility Name) (DP No.)

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**

PAY TO THE ORDER OF

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

SANTA FE  
United States

Bank One, NA  
Illinois

NM 87504

PAY → \*\*\*\*\*\$7,000.00

*Michael J. Hall*

Authorized Signer



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

April 5, 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 1000438836, for amount of \$200.00, to cover the fees for the following discharge plans:

29-6 #4	GW-122	\$100.00
29-6 #2	GW-121	\$100.00

Your assistance in processing this fee is greatly appreciated.

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

Thank You,

Ethel Holiday  
Environmental Compliance Specialist

02 APR 10 AM 11:52  
OIL CONSERVATION DIV

Returned check  
4/25/02  
to Ethel Holiday  
Received proper  
check 6/7/02



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Betty Rivera**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

April 25, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 3929 7754**

Ms. Ethel Holiday  
Williams Field Services  
188 CR 4900  
Bloomfield, New Mexico 87413

**RE: Discharge Plan Filing Fees and Flat Fees**  
**Williams Field Services (WFS)**  
**GW-122, GW-121, GW-118, GW-117, GW-111, and GW-116**  
**San Juan County, New Mexico**


Dear Ms. Holiday:

The OCD received check number 1000438836 in the amount of \$200.00 for payment of filing fees for GW-121 and GW-122. The OCD also received check number 1000443267 in the amount of \$6,800.00 for payment of flat fees for discharge plans GW-111, GW-116, GW-117, and GW-118. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114.

WFS incorrectly issued the checks to the New Mexico Environment Department, Air Quality Bureau. The OCD is returning the checks and request that new checks be issued to the favor of "**Water Quality Management Fund**" and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-476-3489.

Sincerely,

  
W. Jack Ford, C.P.G.  
Environmental Bureau

xc: Aztec OCD District

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

OFFICIAL USE

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

Postmark  
Here

Sent To

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+ 4

PS Form 3800, January 2004

See Reverse for Instructions

7001 1940 0004 3929 7754

*E. Holiday*  
*WFS*  
*07509*  
*GW-102*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Betty Rivera**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

February 28, 2002

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 3929 7556**

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

**RE: Discharge Plan Renewal Notice for Williams Field Services Facilities**

Dear Mr. Bareta:

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

**GW-121 expires 7/29/2002 – 29-6 #2 CDP Compressor Station**  
**GW-122 expires 7/29/2002 - 29-6 #4 CDP Compressor Station**

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

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

Mr. Mark Bareta  
February 28, 2002  
Page 2

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Roger C. Anderson", with a long horizontal flourish extending to the right.

Roger C. Anderson  
Oil Conservation Division

cc: OCD Aztec District Office



Notice of last 9 units  
7-97 14 units  
Notice on renewal  
(mod. to 14 units '97)  
(14 units in renewal  
(6 units in app. '95)  
(up to 8 units in app. '98)

- change in protein



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury  
CABINET SECRETARY

Oil Conservation Div.  
Environmental Bureau  
2040 S. Pacheco  
Santa Fe, NM 87505

February 25, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-142-564-961**

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

**RE: Discharge Plan Renewal Notice for Williams Field Services Facilities**

Dear Mr. Deklau:

Williams Field Services has the following discharge plans which expire during the current calender year.

**GW-137 expires 6/6/2000 – La Cosa Compressor Station**  
**✓GW-198 expires 7/31/2000 – 29-6 No. 3 CDP Compressor Station**  
**GW-208 expires 8/18/2000 – Hart Mountain Booster Compressor Station**  
**GW-229 expires 12/6/2000 – Trunk G Compressor Station**

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

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50.00 plus a flat fee equal to one-half of the original flat fee for gas processing facilities. The \$50.00 filing fees is are be submitted with the discharge plan renewal applications and are nonrefundable.

Ms. Ingrid Deklau  
February 25, 2000  
Page 2

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

If any of the above sited facilities no longer has any actual or potential discharges and a discharge plan is not needed, please notify this office. If the Williams Field Services has any questions, please do not hesitate to contact me at (505) 827-7152.

Sincerely,



Roger C. Anderson  
Oil Conservation Division

cc:     OCD Aztec District Office



**FIELD SERVICES**

October 16, 1997

Mr. Mark Ashley  
New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

**Re: Installation of Temporary Tanks: GW-122, GW-155, GW-134, GW-133, GW-182**

Dear Mr. Ashley:

We are currently in the process of evaluating disposal options for a liquid waste stream consisting of condensate from the glycol dehydrator and compressor washdown water. At some of our facilities, these two liquid waste streams are piped to a single tank. San Juan 29-6 #4 (GW-122) has been chosen as a consolidation point for this waste stream while we conduct our evaluation. Therefore, five 400-barrel frac tanks have been temporarily installed at the site for storage of the liquid waste stream from facilities. Additionally, there are two evaporators temporarily operating at the site. The evaporators are currently evaporating a total of approximately 150 bbl per day of the waste water. Berms have been installed around all of the aforementioned equipment.

Another part of our evaluation includes consideration of whether to permanently segregate the waste streams. To prevent further generation of this mixed waste stream during our analysis, we anticipate installing temporary tanks at the following facilities:

- One temporary 400-barrel tank at Aztec CDP Compressor Station (GW 155)
- One temporary 400-barrel tank at Decker Junction Compressor Station (GW 134)
- One temporary 400-barrel tank at San Juan 30-8 #1 Compressor Station (GW 133)
- One temporary 400-barrel tank at Navajo CDP Compressor Station (GW 182)

Condensate would be routed to the temporary tanks for storage; washdown water would continue to be stored in the existing tank at the facility. Berms will be installed at each of the tanks that will be in place for more than 30 days. We will keep you informed on the progress of this evaluation, and on any permanent changes made to the aforementioned sites.

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

Sincerely,

A handwritten signature in dark ink, appearing to read 'Ingrid A. Deklau'. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Ingrid A. Deklau  
Senior Environmental Specialist

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No.                      dated 7/15/97  
or cash received on                      in the amount of \$ 690.00  
from Williams Field Services  
for 29-6 #4 CDP GW-122  
Submitted by:                      Date:                       
Submitted to ASD by: R. Anderson Date: 7/31/97  
Received in ASD by:                      Date:                       
Filing Fee        New Facility        Renewal X  
Modification        Other                       
Organization Code 521.07 Applicable FY 98  
To be deposited in the Water Quality Management Fund.  
Full Payment X or Annual Increment       

**WILLIAMS FIELD SERVICES COMPANY**   
ONE OF THE WILLIAMS COMPANIES  
P. O. Box 58900  
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware  
1201 Market Street  
Wilmington DE 19801

62-26 5736-09  
311

DATE	CHECK NO.	NET AMOUNT
07/15/97	<u>                    </u>	690.00

PAY

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

TO THE  
ORDER  
OF

NMED-WATER QUALITY MANAGEMENT  
2040 SO. PACHECO  
SANTA FE NM 87505

Mary Jane Bittick  
TREASURER

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT

07/15/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
GW-122		07/03/97	690.00	0.00	690.00
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/19/97,  
or cash received on \_\_\_\_\_ in the amount of \$ 50.00  
from WFS.

for 29-6 #11 CDP GLJ-122  
(Facility Name) (DP No.)

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Submitted to ASD by: R. Chuch Date: 5-23-97

Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

Filing Fee X New Facility \_\_\_\_\_ Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment \_\_\_\_\_ or Annual Increment \_\_\_\_\_

**WILLIAMS FIELD SERVICES COMPANY**  
ONE OF THE WILLIAMS COMPANIES  
P. O. Box 58900  
Salt Lake City, Utah 84158-0900

Chase Manhattan Bank Delaware  
1201 Market Street  
Wilmington DE 19801  
62-26 5736-09  
311

DATE	CHECK NO.	NET AMOUNT
03/19/97	[REDACTED]	50.00

PAY  
FIFTY AND 00/100-----

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

Williams Field Services Company  
James A. Phillips  
VICE PRESIDENT  
AUTHORIZED REPRESENTATIVE

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT

03/19/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
21897D	GW122 29-6 #4 CDP	02/18/97	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING



# Affidavit of Publication

surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 21st day of March, 1997.

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

(SEAL)  
(Published April 3, 1997.)

OF NEW MEXICO } ss.  
y of Rio Arriba

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 notices and advertisements under the provisions of Chapter 167 of the Laws of 1937; that the publication, a copy of which is hereto attached,

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

any supplement, the first publication being on the 3<sup>rd</sup> day of

April 1997, and the last publication on the 3<sup>rd</sup> day

of April 1997; that payment for said advertisement has been made, or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Robert Trapp  
Publisher

Subscribed and sworn to before me this 3<sup>rd</sup> day of

April, A.D., 1997.

Notary Public

My Commission expires

5-1-97

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

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

(GW-121) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "29-6#2 CDP" compressor station located in the NE/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-122) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "29-6#4 CDP" compressor station located in the NE/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

July 3, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-288-258-938**

Mr. H. Lee Bauerle  
Williams Field Services  
295 Chipeta Way  
P.O. Box 58900  
Salt Lake City, Utah 84158-0900

**RE: Discharge Plan GW-122**  
**San Juan 29-6 No. 4 CDP**  
**Rio Arriba County, New Mexico**

Dear Mr. Bauerle:

The ground water discharge plan GW-122, for the Williams Field Services (Williams) San Juan 29-6 No. 4 CDP located in the SE/4 SE/4, of Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the original discharge plan as approved July 29, 1992, and the discharge plan renewal application dated March 19, 1997. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F., which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve Williams of liability should operations result in pollution of surface water, ground water, or the environment.

Please be advised that all exposed pits, including lined pits and open tanks (tanks exceeding 16 feet in diameter), shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Mr. H. Lee Bauerle  
July 3, 1997  
Page 2

Please note that Section 3104 of the regulations require "When a facility has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C. Williams 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.

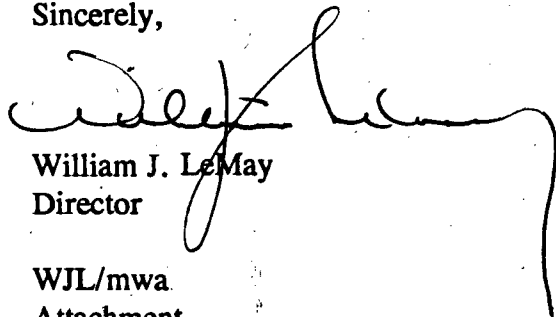
Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on July 29, 2002, and Williams should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the Williams Field Services San Juan 29-6 No. 4 CDP is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for compressor stations. The OCD has received the filing fee. The flat fee is due upon receipt of this approval. The flat fee may be paid in a single payment due on the date of the discharge plan approval or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval.

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

On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



William J. LeMay  
Director

WJL/mwa  
Attachment

xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN GW-122 RENEWAL  
WILLIAMS FIELD SERVICES

29-6#4 CDP

DISCHARGE PLAN APPROVAL CONDITIONS

(July 3, 1997)

1. Payment of Discharge Plan Fees: The \$690 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. Williams Commitments: Williams will abide by all commitments submitted in the discharge plan application dated March 19, 1997.
3. Waste Disposal: All wastes shall be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous by characteristics may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad within the berm.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
8. Labeling: All tanks, drums and containers should be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.
11. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than domestic waste sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.
12. Housekeeping: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.
13. Spill Reporting: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Aztec District Office.
14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.
15. Closure: The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

16. **Certification:** Williams, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. Williams further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

**WILLIAMS FIELD SERVICES**

by \_\_\_\_\_  
Title

P 288 258 938

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

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Postmark or Date	

PS Form 3800, April 1995

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

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

(GW-121) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "29-6#2 CDP" compressor station located in the NE/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1,300 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

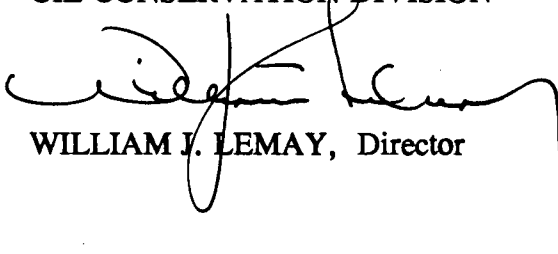
(GW-122) - Williams Field Services, Mr. Robert Meyers, (801)-584-6135, P.O. Box 58900, M.S. 2G1, Salt Lake City, UT, 84158-0900, has submitted a Discharge Plan Renewal Application for their "29-6#4 CDP" compressor station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 21st day of March, 1997.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY, Director

SEAL

**RECEIVED**

**MAR 20 1997**

Environmental Bureau  
Oil Conservation Division

March 19, 1997

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

re: Discharge Plan Renewal: 29-6 #4 CDP Compressor Station (GW-122)

Dear Mr. Anderson,

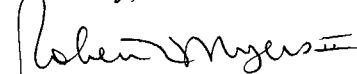
Enclosed, please find a check for \$50 to cover the application fee for the Discharge Plan Renewal of Williams Field Services Company's (WFS) 29-6 #4 CDP Compressor Station. Since the original discharge plan was approved, WFS has added six Waukesha 7042GL compressor engines and two glycol dehydrators to the existing four Waukesha 7042GL compressor engines and two glycol dehydrators. No new liquid wastes are generated by this modification. WFS will continue to handle all liquid wastes in accordance with the approved OCD Discharge Plan GW-122 and this renewal.

Total site horsepower is now 10,980 hp.

The landowner at this location is the U.S. Bureau of Land Management (BLM) located at 1235 N. La Plata Highway, Farmington, NM 87401, phone number (505) 599-8900.

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

Sincerely,



Robert L. Myers II  
Environmental Specialist

enclosure

xc: Denny Fourst, NMOCD District III Office



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

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

Revised 12/1/9

Submit Origin.  
Plus 1 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: 29-6 #4 GDP
2. Operator: Williams Field Services Company  
Address: 295 Chipeta Way, P.O. Box 58900, Salt Lake City, UT 84158-0900  
Contact Person: Mr. Lee Bauerle Phone: (801) 584-6999
3. Location: SE /4 SE /4 Section 19 Township 29N Range 6W  
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: H. Lee Bauerle Title: Environmental Specialist

Signature: H. Lee Bauerle Date: 3-19-97



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

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

February 18, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-288-258-908**

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

**RE: Discharge Plan GW-122 Renewal  
San Juan 29-6 No. 4 CDP  
Rio Arriba County, New Mexico**

Dear Ms. Gooding:

On July 29, 1992, the groundwater discharge plan, GW-122, for the Williams Field Services (Williams) San Juan 29-6 No. 4 CDP located in the SE/4 SE/4, of Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on July 29, 1997.

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

The discharge plan renewal application for the San Juan 29-6 No. 4 CDP is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$690 for compressor stations. The \$50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan with the first payment due at the time of approval.

Ms. Leigh Gooding  
February 18, 1997  
Page 2

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

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

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

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

RCA/mwa

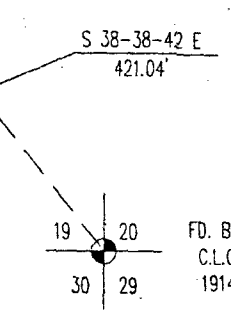
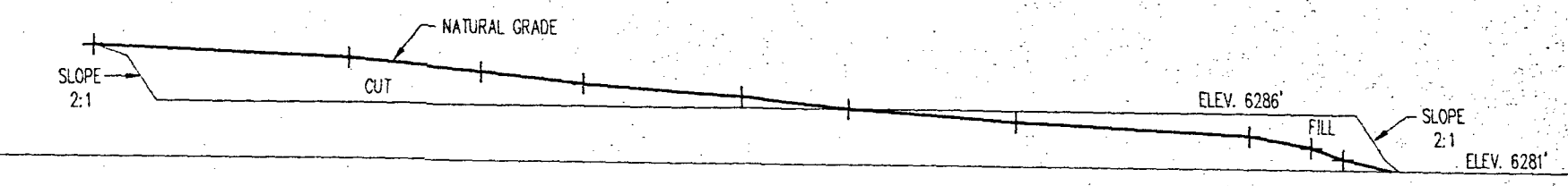
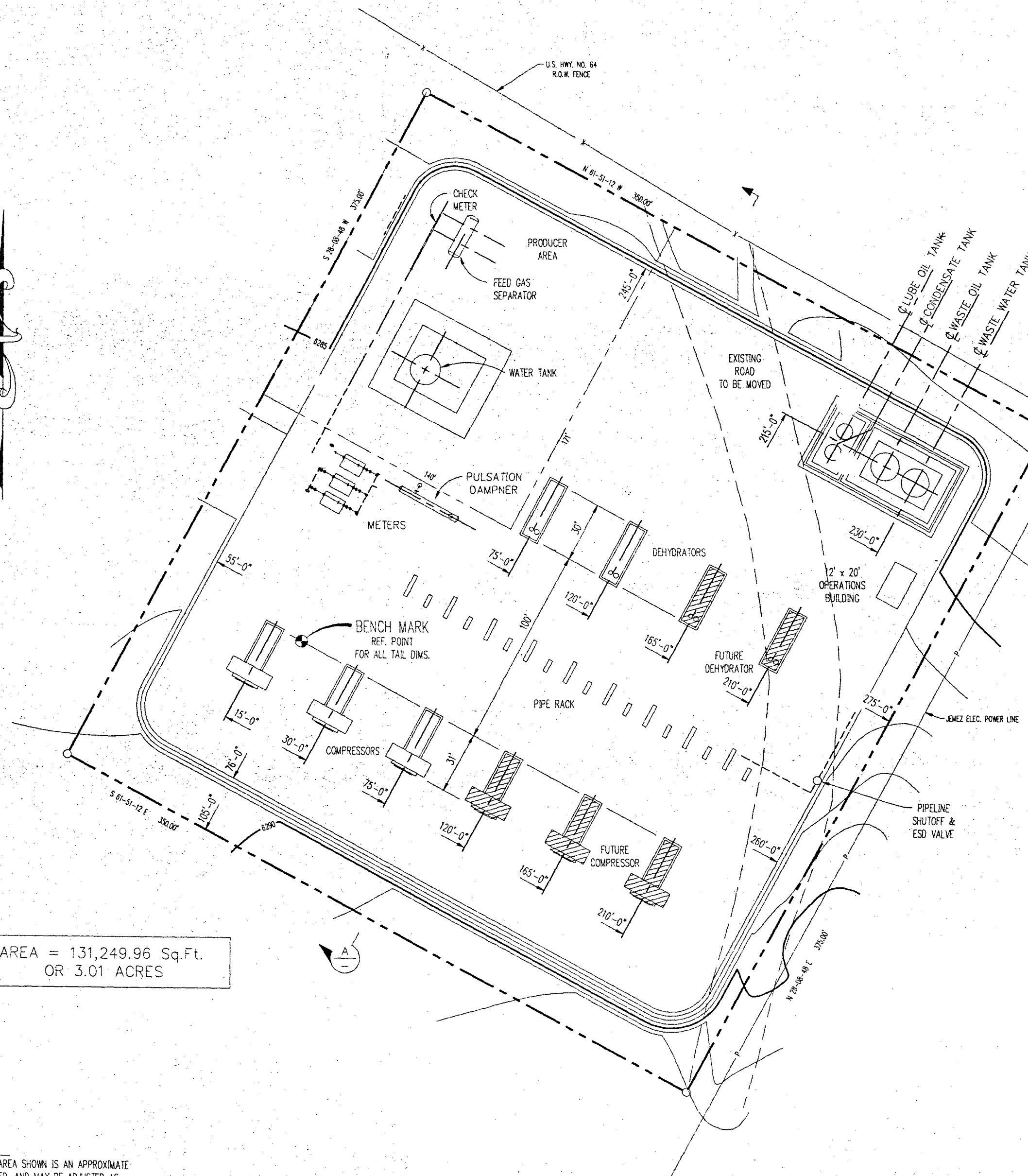
xc: OCD Aztec Office

P 288 258 908

US Postal Service  
**Receipt for Certified Mail**  
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Do not use for International Mail (See reverse)

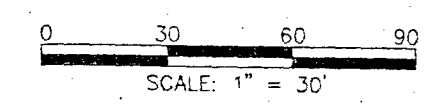
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<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
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PS Form 3800, April 1995

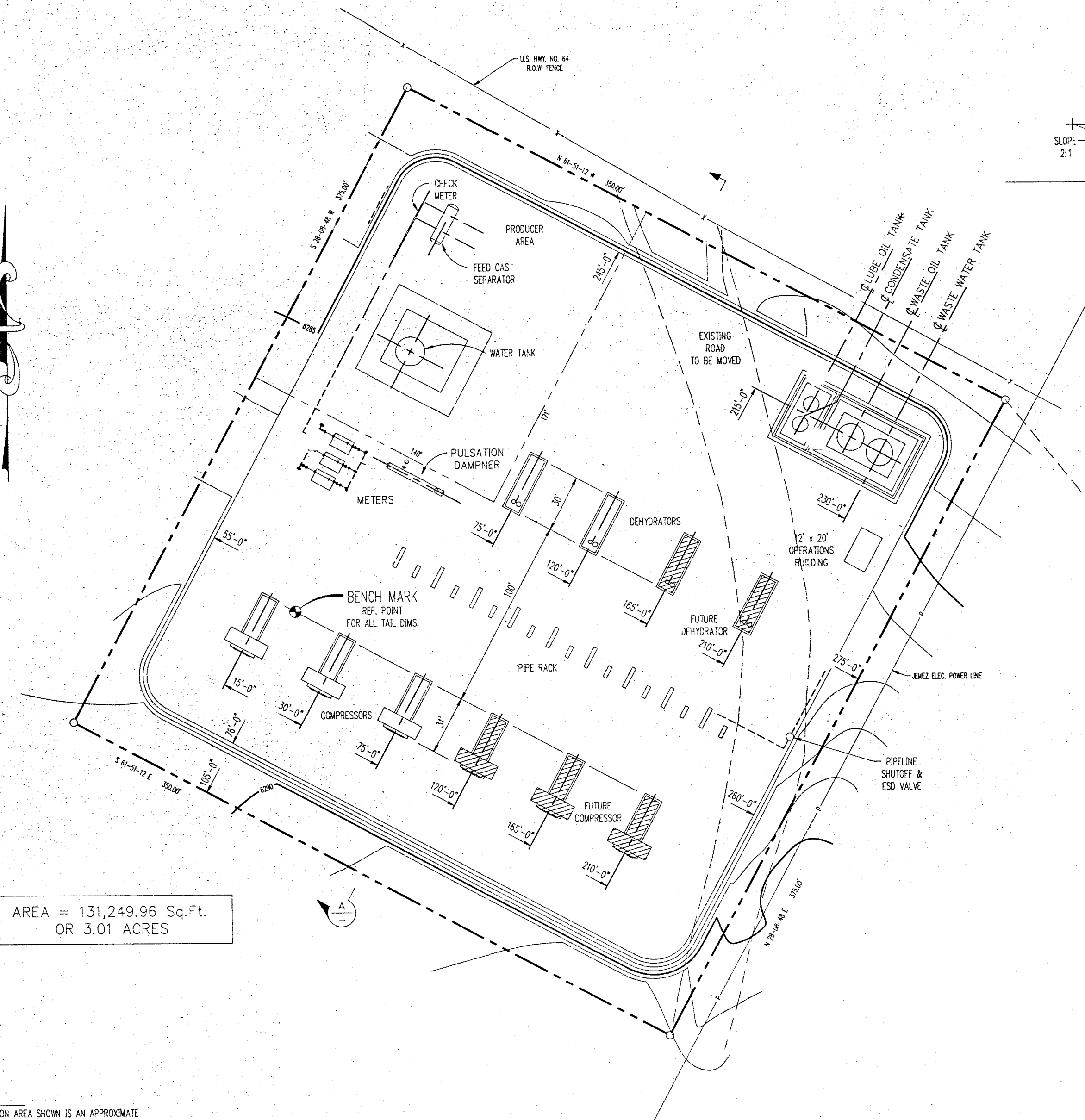


AREA = 131,249.96 Sq.Ft.  
OR 3.01 ACRES

- 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.

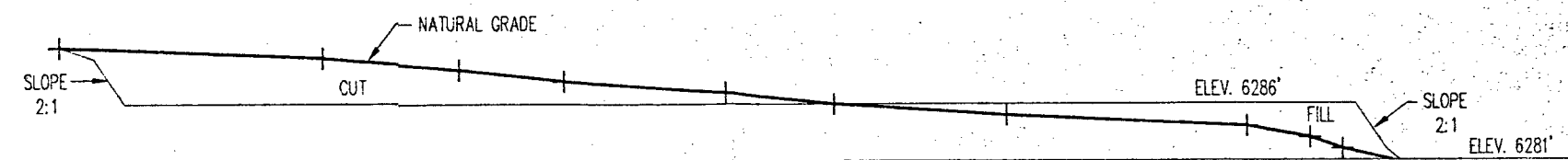


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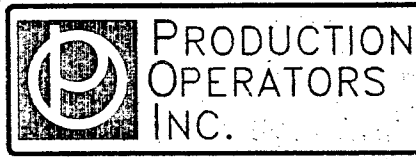
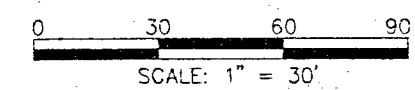
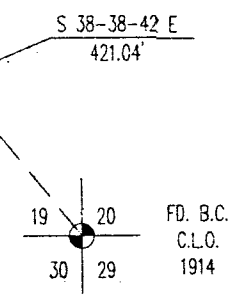


AREA = 131,249.96 Sq.Ft.  
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- NOTES:
1. EXCAVATION AREA SHOWN IS AN APPROXIMATE AREA REQUIRED, AND MAY BE ADJUSTED AS REQUIRED BY ACTUAL FIELD CONDITIONS.
  2. DRAINAGE AND DIVERSION DAMS ARE TO BE CONSTRUCTED AS REQUIRED AFTER FINAL EXCAVATION AND GRADING IS COMPLETE.



PROFILE A-A  
VERTICAL SCALE EXPANDED 3:1



						DRAFTING	BY	DATE	WILLIAMS FIELD SERVICES ONE OF THE WILLIAMS COMPANIES SAN JUAN 29-6 No.4 C.D.P. ALTERNATE EXCAVATION & SITE LAYOUT	
						DRAWN	HFM	2/17/92		
						CHECKED				
						APPROVED				
						ENGINEERING	BY	DATE		
						C & S REVIEW				
						PROJECT APPROVED				
						PLOT DATE/TIME	8/28/1992 4:43 P.M.		SCALE: 1" = 30'	DWG. NO. 29-6#4-1-M1
								W.O. # 71936		
REVISIONS										
NO.	DATE	BY	DESCRIPTION	W.O. #	APP.					

**NORTHWEST PIPELINE CORPORATION**  
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 58900  
SALT LAKE CITY, UTAH 84158-0900  
801-583-8800  
FAX: (801) 584-6483

OIL CONSERVATION DIVISION  
RECEIVED

'93 MAR 24 AM 8 54

March 15, 1993

Mr. William J. LeMay, Director  
State of New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504

Re: Payment of Discharge Plan Filing Fees

Dear Mr. LeMay:

Pursuant to your March 3, 1993 letter, I am attaching a check for \$550.00 to cover the \$50.00 filing fee for discharge plan modifications for the following facilities:

San Juan 29-6 No. 2 C.D.P.	GW-121
<del>San Juan 29-6 No. 4 C.D.P.</del>	<del>GW-122</del>
San Juan 31-6 No. 1 C.D.P.	GW-118
San Juan 32-7 No. 1 C.D.P.	GW-117
San Juan 32-8 No. 2 C.D.P.	GW-111
San Juan 32-8 No. 3 C.D.P.	GW-116
Cedar Hill Compressor Station	GW-87
Horse Canyon Compressor Station	GW-61
Middle Mesa Compressor Station	GW-64
Pump Mesa Compressor Station	GW-63
Sims Mesa Compressor Station	GW-68

I appreciate your staff's prompt review of these modifications. Please call me at (801) 584-6716 if you have any questions or need additional information.

Sincerely,

*Carol Revelt*

Carol Revelt  
Environmental Specialist

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3/19/93,  
or cash received on 3/26/93 in the amount of \$ 550.00  
from Williams Field Services Company  
for See attached letter

Submitted by: \_\_\_\_\_ (Facility Name) Date: \_\_\_\_\_ (DP No.)

Submitted to ASD by: Kathy Brown Date: 3/26/93

Received in ASD by: Angie M. Albre Date: 3/26/93

Filing Fee X New Facility \_\_\_\_\_ Renewal \_\_\_\_\_

Modification X Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 93

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

CORESTATES BANK OF DELAWARE, N.A.  
In cooperation with 1st Interstate Bank

62-22  
311

DATE	CHECK NO.	NET AMOUNT
03/19/93	[REDACTED]	*****550.00

PAY

FIVE HUNDRED FIFTY AND 00/100 DOLLARS

TO THE  
ORDER  
OF

NEW MEXICO OIL CONSERVATN DIV@@  
310 OIL SANTA FE TRAIL  
STATE LAND OFFICE BUILDING  
SANTA FE, NM

87504

WILLIAMS FIELD SERVICES COMPANY

Ronald E. Houston  
ASSISTANT TREASURER  
AUTHORIZED REPRESENTATIVE



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



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

March 3, 1993

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-111-334-304**

Ms. Carol Revelt  
Environmental Specialist  
Williams Field Services Company  
P.O. Box 58900  
Salt Lake City, Utah

**Re: Discharge Plan Modifications  
Manzanares Gathering System  
San Juan County, New Mexico  
Rio Arriba County, New Mexico**

Dear Ms. Revelt:

The Oil Conservation Division (OCD) has received your letter dated February 17, 1993 requesting a determination on Williams Field Services' proposed modifications of existing compressor facilities as to what effect this would have on the existing discharge plans. The discharge plan modifications were submitted pursuant to Section 3-109.F. of the New Mexico Water Quality Control Commission (WQCC) Regulations.

Pursuant to WQCC Regulation 3-109.F. the modification to the previously approved discharge plans are hereby approved. The OCD has determined that these modifications are minor, therefore, public notice was not issued and the required flat rate fee for modification of a discharge plan is waived. However, the regulations require that a fifty (50) dollar filing fee be paid for each of the eleven specified facilities. The filing fee for the discharge plan modifications are due upon receipt of this letter.

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



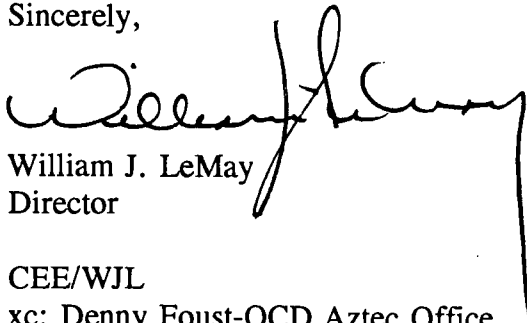
Ms. Carol Revelt  
March 3, 1993  
Page 2

The approved modifications are to the following facilities:

- (GW-121) San Juan 29-6 No.2 C.D.P. Compressor Station
- (GW-122) San Juan 29-6 No.4 C.D.P. Compressor Station
- (GW-118) San Juan 31-6 No.1 C.D.P. Compressor Station
- (GW-117) San Juan 32-7 No.1 C.D.P. Compressor Station
- (GW-111) San Juan 32-8 No.2 C.D.P. Compressor Station
- (GW-116) San Juan 32-8 No.2 C.D.P. Compressor Station
- (GW-87) Cedar Hill Compressor Station
- (GW-61) Horse Canyon Compressor Station
- (GW-64) Middle Mesa Compressor Station
- (GW-63) Pump Mesa Compressor Station
- (GW-68) Sims Mesa Compressor Station

If you have any question you can contact the Environmental Bureau at (505) 827-5812.

Sincerely,



William J. LeMay  
Director

CEE/WJL

xc: Denny Foust-OCD Aztec Office  
11 Discharge Plan files

OIL CONSERVATION DIVISION  
RECEIVED

'93 FEB 22 AM 9 44

**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 17, 1993

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

Re: Manzanares System C.D.P. Facility Expansion - San Juan and Rio Arriba Counties

Dear Mr. Anderson:

The attached table summarizes the anticipated current and future expansion of the Williams Field Services' Manzanares Gathering System C.D.P.'s, and the corresponding increase in waste fluids which will be generated at these locations. Although new compressors and/or dehydrators are being added at these sites, no additional bulk storage for waste liquids (used oil, waste water, etc.) will be installed above that which is currently located at the facilities.

Williams Field Services believes that the addition of these units will result in insignificant increases in the fluids handled at the specific C.D.P.'s. Please review this table and advise me of any Discharge Plan modifications which you determine will be necessary.

Thank you for your attention to this matter.

Sincerely,

*Carol Revelt*

Carol Revelt  
Environmental Specialist

Attachment

cc: D. Compton, 10309  
J. West, MND

**WILLIAMS FIELD SERVICES - MANZANARES GATHERING SYSTEM  
CENTRAL DELIVERY POINT EXPANSION/MODIFICATION**

<u>C.D.P. Name</u>	<u>Location</u>	<u>Discharge Permit #</u>	<u>Original # Compressors</u>	<u>Additional Compressors</u>	<u>Anticipated Additional Waste-Oil Generated</u>	<u>Original # Dehydrators</u>	<u>Additional Dehydrators</u>	<u>Anticipated Additional Waste Water Generated</u>
29-6 No. 2	Sec. 10, 29N, 6W Rio Arriba County	GW-121	5	2	250 gal/quarter	5	2	30 gal/day
29-6 No. 4	Sec. 19, 29N, 6W Rio Arriba County	GW-122	4	3	375 gal/quarter	2	2	30 gal/day
31-6 No. 1 118	Sec. 1, 30N, 6W Rio Arriba County	GW-118	5	4	500 gal/quarter	5	4	60 gal/day
32-7 No. 1 117	Sec. 34, 32N, 7W San Juan County	GW-117	4	---	---	2	1	15 gal/day
32-8 No. 2 111	Sec. 27, 32N, 8W San Juan County	GW-111	4	---	---	2	1	15 gal/day
32-8 No. 3 116	Sec. 9, 31N, 8W San Juan County	GW-116	4	2	250 gal/quarter	2	1	15 gal/day
Cedar Hill 87	Sec. 28, 32N, 10W San Juan County	GW-87	5	1	125 gal/quarter	3	3	45 gal/day
Horse Canyon 61	Sec. 27, 30N, 9W San Juan County	GW-61	14	---	---	9	1	15 gal/day
Middle Mesa 64	Sec. 10, 31N, 7W San Juan County	GW-64	7	---	---	4	3	45 gal/day
Pump Mesa 3	Sec. 14, 31N, 8W San Juan County	GW-63	6	6	750 gal/quarter	4	4	60 gal/day
Sims Mesa	Sec. 22, 30N, 7W Rio Arriba County	GW-68	7	---	---	5	1	15 gal/day

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8/13/92,  
or cash received on 8/28/92 in the amount of \$ 1380.00  
from Williams Field Services Company  
for San Juan 29-6 No. 4 COP GW-122  
(Facility Name)

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_ (DP No.)

Submitted to ASD by: Kathy Brown Date: 8/28/92

Received in ASD by: Sherry Gonzales Date: 8/28/92

Filing Fee \_\_\_\_\_ New Facility ☒ Renewal \_\_\_\_\_

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 93

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]  
NET AMOUNT  
\*\*1,380.00\*\*

PAY

DATE August 13, 1992 CHECK NO. 5425  
**PAYED 1,380.00**

TO THE  
ORDER  
OF

NEW MEXICO ENVIRONMENT DEPT.  
WATER QUALITY MANAGEMENT  
P. O. BOX 2088  
STATE LAND OFFICE BLDG.  
SANTA FE, NM 87504

WILLIAMS FIELD SERVICES COMPANY

BY \_\_\_\_\_ AUTHORIZED REPRESENTATIVE

**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

August 14, 1992

**RECEIVED**

**AUG 28 1992**

OIL CONSERVATION DIV.  
SANTA FE

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

Re: Discharge Plan Fees

Dear Mr. Anderson:

Attached are two checks for ~~\$1,380.00~~, issued to the NMED-Water Quality Management Fund, to cover the fees for the following discharge plans:

1. GW-121: San Juan 29-6 No.2 C.D.P.
2. ~~GW-122: San Juan 29-6 No.4 C.D.P.~~

Again, 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.

Sincerely,

*Carol Revelt*

Carol Revelt  
Environmental Specialist

Attachments

VOUCHER NUMBER	INVOICE NUMBER	PURCHASE ORDER	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
081468	DP29-6 #4		7-29-92	1,380.00		1,380.00
		DISCHARGE	PLAN/29-6 #4			



**UNITED STATES  
DEPARTMENT OF THE INTERIOR**

**FISH AND WILDLIFE SERVICE  
Ecological Services**

Suite D, 3530 Pan American Highway, NE  
Albuquerque, New Mexico 87107

OIL CONSERVATION DIVISION  
RECEIVED

'92 JUN 30 AM 3 29

June 23, 1992

Mr. William J. Lemay  
New Mexico Energy, Minerals and  
Natural Resources Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to the notice of publication received by the U.S. Fish and Wildlife Service (Service) on June 18, 1992, regarding Oil Conservation Division (OCD) discharge permits GW-122, GW-121, GW-120, and GW-124 on fish, shellfish, and wildlife resources in New Mexico.

The Service has the following comments regarding the issuance of these permits.

GW-122 - Williams Field Services, San Juan 29-6 No. 4 CDP Compressor Station, SE/4 SE/4, Section 19, T29N, R6W, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility.

GW-121 - Williams Field Services, San Juan 29-6 No. 2 CDP Compressor Station, NE/4 NE/4 and NW/4 NE/4, Section 10, T29N, R6W, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility.

GW-120 - BHP-Petroleum (Americas) Inc., Pipkin Compressor Station, NW/4, Section 36, T28N, R11W, NMPM, San Juan County, New Mexico. Approximately 150 gallons per day of waste water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility.

GW-124 - BHP-Petroleum (Americas) Inc., Hammond Ditch Compressor Station, SW/4, Section 28, T29N, R12W, NMPM, San Juan County, New Mexico. Approximately 210 gallons per day of waste water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility.

Natural gas pipeline condensates contain many organic constituents including benzene, C1 to C5 alkylated benzenes, and toluene. Polychlorinated biphenyls may also be incorporated into the condensate through some compressor lubricants. The Service is concerned that washdown water at the compressor site may contain any or all of these organic constituents, and that accidental spills could result in potential toxicity to Department of the Interior Trust Resources over time. The Service suggests that a surface soil monitoring program be implemented and that open storage tanks as well as holding ponds be netted. Such precautions would ensure the compressor site would not represent a potential threat to endangered species or to migratory birds that may be found in the area.

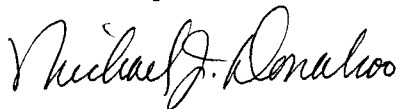
The Service is the Federal agency responsible for the protection of migratory birds and endangered species. Please note the following legal mandates.

1. Endangered Species Act of 1973, as amended. Section 9 prohibits any "take" (harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of listed species without a special exemption. Harm is further defined to include specific habitat modification or degradation that results in death or injury to listed species by significantly impairing behavioral patterns such as breeding, feeding, or sheltering.

2. Migratory Bird Treaty Act (Act). Section 703 prohibits anyone at anytime or in any manner to capture, transport, or kill any migratory birds unless permitted by regulations promulgated under it. If migratory birds become exposed to and/or accumulate harmful levels of contaminants, this constitutes "take" under the Act. The courts have stated the Act can be constitutionally applied to impose penalties to persons, associations, partnerships, or corporations which did not intend to "kill" migratory birds and that the Act includes poisoning by any means. The unlawful killing of even one migratory birds is an offense.

If you have any questions concerning our comments, please contact Mary Orms at (505) 883-7877.

Sincerely,

  
for Jennifer Fowler-Propst  
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico  
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas



AFFIDAVIT OF PUBLICATION

No. 29665

STATE OF NEW MEXICO,  
County of San Juan:

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

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

First Publication FRIDAY, JUNE 26, 1992

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

and the cost of publication was \$ 60.85

Christine Hill

Subscribed and sworn to before me  
this 2nd day of  
JULY, 1992.

Genny Beck  
Notary Public, San Juan County,  
New Mexico

My Comm expires: April 2, 1996

COPY OF PUBLICATI

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

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

(GW-122) WilliamsField 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 29-6 No 4 C.D.P. Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-121) WilliamsField 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 29-6 No 2 C.D.P. Compressor Station located in the NE/4 NE/4 and the NW/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-120) - BHP-Petroleum (Americas) Inc., Fred Lowery, Operations Superintendent, P.O. Box 977, Farmington, New Mexico 87499, has submitted a discharge plan application for their Pipkin Compressor Station located in the NW/4, Section 36, Township 28 North, Range 11 West, NMPM San Juan County, New Mexico. Approximately 150 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 3700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-124) - BHP-Petroleum (Americas) Inc., Fred Lowery, Operations Superintendent, P.O. Box 977, Farmington, New Mexico 87499, has submitted a discharge plan application for their Hammond Ditch Compressor Station located in the NW/4, Section 28, Township 29 North, Range 12 West, NMPM San Juan County, New Mexico. Approximately 210 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June, 1992.

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

SEAL

Legal No 29665 published in the Farmington Daily Times, Farmington, New Mexico on Friday, June 26, 1992.

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

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

(GW-122) - 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 29-6 No. 4 C.D.P. Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-121) - 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 29-6 No. 2 CDP Compressor Station located in the NE/4 NE/4 and the NW/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-12) - BHP-Petroleum (Americas) Inc., Fred Lowery, Operations Superintendent, P.O. Box 977, Farmington, New Mexico 87499, has submitted a discharge plan application for their Pipkin Compressor Station located in the NW/4, Section 36, Township 28 North, Range 11 West, NMPM, in San Juan County, New Mexico. Approximately 150 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 3700 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

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

STATE OF NEW MEXICO  
County of Bernalillo

ss

OIL CONSERVATION DIVISION  
RECEIVED

'92 SEP 11 AM 8 57

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.....26.....day  
of.....June....., 1992, and the subsequent consecutive  
publications on....., 1992.

Sworn and subscribed to before me, a Notary Public in  
and for the County of Bernalillo and State of New  
Mexico, this.....9.....day of.....Sept....., 1992.

PRICE.....\$46.83.....

Statement to come at end of month.

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

ACCOUNT NUMBER.....C81184.....

# Affidavit of Publication

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

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

(GW-122) 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 29-6 No. 2 CDP Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-124) 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 29-6 No. 2 CDP Compressor Station located in the NE/4 NE/4 and the NW/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-120) — BHP-Petroleum (Americas) Inc., Fred Lowery, Operations Superintendent, P. O. Box 977, Farmington, New Mexico 87499, has submitted a discharge plan application for their Pipkin Compressor Station located in the NW/4, Section 36, Township 28 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 150 gallons per

day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 3700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-124) — BHP-Petroleum (Americas) Inc., Fred Lowery, Operations Superintendent, P. O. Box 977, Farmington, New Mexico 87499, has submitted a discharge plan application for their Hammond Ditch Compressor Station located in the SW/4, Section 28, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 210 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June, 1992.

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

(SEAL)  
(Published June 25, 1992)

NEW MEXICO } ss.  
Rio Arriba

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 having a general circulation in the City of Espanola and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish notices and advertisements under the provisions of Chapter 167 of the Laws of 1937; that the publication, a copy of which is hereto attached,

is published in said paper once each week for 1..... consecutive weeks, and on the 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

in supplement, the first publication being on the 25th day of June 1992 and the last publication on the 25th day of June 1992; that payment for said advertisement has been made, or (assessed as court costs); that the undersigned has personally examined the matters and things set forth in this affidavit.

Robert Trapp  
Publisher

Subscribed and sworn to before me this 25th day of June, A.D., 1992.

day of June, A.D., 1992.

Robert Trapp  
Notary Public

My Commission expires

5-17-93


Display Advertising — SS — Stand Sales

and 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 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-122) - 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 29-6 No 4 C.D.P. Compressor Station located in the SE/4 SE/4, Section 19, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 100 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-121) - 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 29-6 No. 2 CDP Compressor Station located in the NE/4 NE/4 and the NW/4 NE/4, Section 10, Township 29 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Approximately 5 gallons per day of washdown water with a total dissolved solids concentration of approximately 1100 mg/l is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 3700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

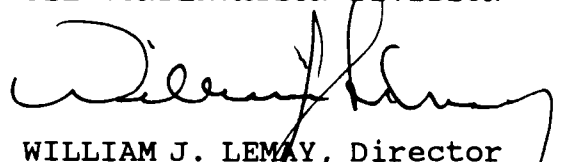
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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June, 1992.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/8/92,  
or cash received on 5/29/92 in the amount of \$ 50.00  
from Williams Field Services Company  
for San Juan 29-6 No. 4 C.D.P. GW-122

(Facility Name) Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_ (DP No.)

Submitted to ASD by: Kathy Brown Date: 5/29/92

Received in ASD by: Sherry Gonzales Date: 5/29/92

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 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

DATE  
05/08/92

CHECK NO.  
00004939

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

WILLIAMS FIELD SERVICES COMPANY

Ronald E. Houston

**ASSISTANT TREASURER**

BY \_\_\_\_\_  
AUTHORIZED REPRESENTATIVE

87504

**WILLIAMS FIELD SERVICES COMPANY**  
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 58900  
SALT LAKE CITY, UTAH 84158-0900  
801-583-8800  
FAX: (801) 584-6483

April 16, 1992

RECEIVED

MAY 28 1992

OIL CONSERVATION DIV.  
SANTA FE

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

Re: Discharge Plans for Two C.D.P.'s - Rio Arriba County

Dear Mr. Anderson:

Enclosed please find three copies of the Williams Field Services Discharge Plan for the following C.D.P.'s:

1. San Juan 29-6 No. 2 C.D.P., Rio Arriba County *GW-121*

~~2. San Juan 29-6 No. 4 C.D.P., Rio Arriba County *GW-122*~~

I have also enclosed two checks for ~~\$50.00 each~~, payable to the New Mexico Water Quality Management Fund, to cover the application fees for the above referenced projects.

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

Your assistance in processing these discharge plans is appreciated.

Sincerely,

*Carol Revett*

Carol Revett  
Environmental Specialist

Attachments

cc: D. Compton, 10309



VOUCHER NUMBER	INVOICE NUMBER	PURCHASE ORDER	INVOICE DATE	AMOUNT	COUNT	NET AMOUNT
051087	DIS2964 WP GW-122		04-30-92	50.00	.00	50.00
TOTALS				50.00	.00	50.00

RECEIVED

MAY 28 1992

OIL CONSERVATION DIV.  
SANTA FE

DISCHARGE PLAN

San Juan 29-6 No. 4 C.D.P.

Williams Field Services Company

May 1992

1.0 GENERAL INFORMATION

1.1 Legally Responsible Party

Williams Field Services  
San Juan 29-6 No. 4 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) 584-6716  
Address, Same as Above

1.2 Location of Discharge

The San Juan 29-6 No. 4 C.D.P. is located in the SE SE of Section 19, Township 29 North, Range 6 West, Rio Arriba County. A vicinity map is attached (Fourmile Canyon, New Mexico) as Exhibit 1. As the site is located near the edge of the Fourmile Canyon map, the adjacent topographic map, Delgadita Mesa, New Mexico, is also provided for reference as Exhibit 1-A. A site plan is provided as Exhibit 2. The cleared site for this Compressor Station is approximately 3.0 acres. The site boundary survey is provided in Figure 1.

1.3 Type of Natural Gas Operation

The San Juan 29-6 No. 4 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<sub>2</sub> removal) near Bloomfield, New Mexico.

Four (4) 895 horse power (site rated), skid mounted, self contained, natural gas fired lean-burn compressor units and two (2) skid mounted, self contained glycol dehydrators are currently planned for this site.

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

1.4 Affirmation

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

  
Signature

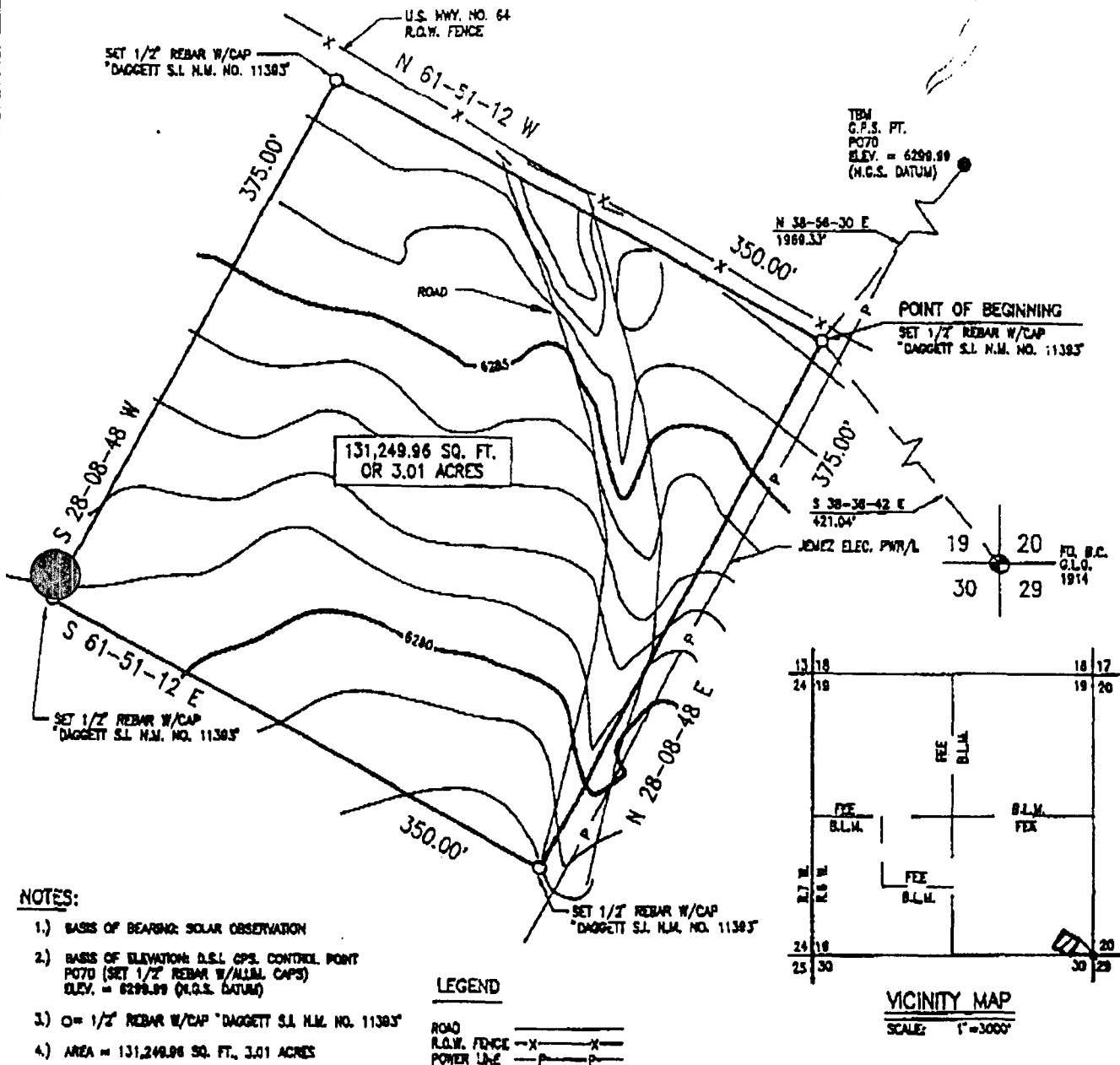
Robert Peacock  
Name

May 15, 1992  
Date

Project Manager  
Title

FIGURE 1

A BOUNDARY SURVEY FOR  
**WILLIAMS FIELD SERVICES**  
**SAN JUAN 29-6 NO. 4 C.D.P.**  
 SE/4 SEC.19, T.29 N., R.6 W., N.M.P.M.,  
 RIO ARriba COUNTY, NEW MEXICO



## NOTES:

- 1.) BASIS OF BEARING: SOLAR OBSERVATION
- 2.) BASIS OF ELEVATION: D.S.L. GPS. CONTROL POINT  
PO70 (SET 1/2" REBAR W/ALUM. CAPS)  
ELEV. = 6298.89 (N.G.S. DATUM)
- 3.) O = 1/2" REBAR W/CAP "DAGGETT S.L. N.M. NO. 11383"
- 4.) AREA = 131,249.96 SQ. FT., 3.01 ACRES

## LEGEND

ROAD ———

R.O.W. FENCE —X—X—

POWER LINE —P—P—

## VICINITY MAP

SCALE: 1"=3000'



0 50 100  
SCALE: 1"=100'

**HENRY P. BROADHURST JR.**  
 DULY QUALIFIED LAND SURVEYOR LICENSED  
 UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY  
 THAT THIS PLAN 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.

DATE: 8/21/91

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. # NW147

## 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.

<u>Sample</u>	<u>Parameters</u>
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 29-6 No. 4 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. 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

<u>Source</u>	<u>Disposition</u>	<u>Quantity</u>	<u>Quality Type</u>	<u>Additives</u>
Compressor Engines	Collected Separately in Tank	500 gal each quarter	Used Motor Oil	None
Glycol Re-generation	Collected Separately in Evaporation Standpipe	30 gpd	Distilled Water	Triethylene Glycol
Gas Inlet Separator	Collected Separately in Blowdown Tank	trace, available for upsets	High TDS Water	None
Washdown water	Collected Separately in Tank	Intermittent	Rainwater, Tapwater with Traces of Used Motor Oil & TEG	Soap
Lube Oil	Compressor Engines		Motor Oil	None

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

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

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

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

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 drains by gravity from the standpipe to a tank within 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 29-6 No. 4 C.D.P. is located in Gobernador Canyon in the SE SE of Section 19, Township 29 North, Range 6 West, Rio Arriba County. The graded site elevation is approximately 6,280 feet above sea level. Soils at this site are moderately deep silty clay loams of the Gobernador-Orlie association. Vegetation cover on the site is approximately 40% and is dominated by large sagebrush with prickly pear cactus grasses including crested wheatgrass, western wheatgrass, grama, and galleta. The site is underlain by the Quaternary alluvium.

The site is located on the south side of Gobernador Canyon. Intermittent drainage from Gobernador Canyon ultimately drains into the San Juan River, approximately 18 miles northwest of the station site at an elevation of approximately 5,650 feet. A review of the available hydrologic data<sup>1</sup> for this area revealed that the closest documented source of ground water down-gradient of this site the alluvial deposits of Gobernador Canyon. Ground water within these alluvial deposits flows northwest toward the San Juan River and is expected to have a total dissolved solids concentration of approximately 2,000 mg/l.

In addition, several ground water wells have been drilled near the site. A list of these wells and available information follows:

	Location	Name	Depth	Water-Bearing Unit	Date	TDS
1.	Sec. 20, T29N R6W	Shell Oil	219'	Tsj	11-17-74	---
2.	Sec. 21, T29N R6W	Porter Smith	290'	Tsj	11-28-68	---
3.	Sec. 29, T29N R6W	EPNG 29-6 #1	1,209'	Tsj	02-04-70	1,885 mg/l on 5-22-73 3,400 mg/l on 7-31-74
4.	Sec. 15, T29N R7W	Gobernador Oil	400'	Tsj	---	---
5.	Sec. 23, T29N R7W	John Pettus	225'	Tsj	---	---

---

<sup>1</sup> Klausning, 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.



B. Flood Protection

After final excavation and grading are complete, surface water runoff from the area surrounding the site will be diverted around the site to the north into a natural wash.

EXHIBIT "A"  
MATERIAL SAFETY DATA SHEETS

## MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 12/08/89

### \*\*\*\*\* I. PRODUCT IDENTIFICATION \*\*\*\*\*

MOBIL PEGASUS 485

SUPPLIER:	HEALTH EMERGENCY TELEPHONE:
MOBIL OIL CORP.	(609) 737-4411
CHEMICAL NAMES AND SYNONYMS:	TRANSPORT EMERGENCY TELEPHONE:
PET. HYDROCARBONS AND ADDITIVES	(800) 424-9300 (CHEMTREC)
USE OR DESCRIPTION:	PRODUCT TECHNICAL INFORMATION:
INDUSTRIAL LUBRICANT	(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	EXPOSURE LIMITS	SOURCES
	(APPROX)	MG/M3      PPM	(AND NOTES)

POTENTIALLY HAZARDOUS INGREDIENTS:  
 NONE

OTHER INGREDIENTS:  
 REFINED MINERAL OILS >90  
 ADDITIVES AND/OR OTHER INGREDIENTS <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.

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

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

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

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

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

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

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

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

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

NO SPECIAL PRECAUTIONS REQUIRED.

## \*\*\*\*\* XI. TOXICOLOGICAL DATA \*\*\*\*\*

## ---ACUTE TOXICOLOGY---

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

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

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

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

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

## ---SUBCHRONIC TOXICOLOGY (SUMMARY)---

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

## ---CHRONIC TOXICOLOGY (SUMMARY)---

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

\*\*\*\*\* XII. REGULATORY INFORMATION \*\*\*\*\*  
GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE  
WITH TSCA.

D.O.T. SHIPPING NAME: NOT APPLICABLE

D.O.T. HAZARD CLASS: NOT APPLICABLE

US OSHA HAZARD COMMUNICATION STANDARD: PRODUCT ASSESSED IN ACCORDANCE  
WITH OSHA 29 CFR 1910.1200 AND DETERMINED NOT TO BE HAZARDOUS.

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

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

SARA (302) REPORTABLE HAZARD CATEGORIES: NONE

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

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
---------------	------------	----------------

\*\*\* NO REPORTABLE INGREDIENTS \*\*\*

--- KEY TO LIST CITATIONS ---

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

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

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

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

\*\*\*\*\*  
PREPARED BY: MOBIL OIL CORPORATION

ENVIRONMENTAL AFFAIRS AND TOXICOLOGY DEPARTMENT, PRINCETON, NJ  
FOR FURTHER INFORMATION, CONTACT:

MOBIL OIL CORPORATION, PRODUCT FORMULATION AND QUALITY CONTROL  
3225 GALLOWES ROAD, FAIRFAX, VA 22037 (703) 849-3265

# Mobil

MOBIL PEGASUS 485

605816

PAGE 5 OF 5

\*\*\*\*\* APPENDIX \*\*\*\*\*

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

Date issued: 12/10/91  
Supersedes: 04/10/91TEXACO  
MATERIAL SAFETY DATA SHEET

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

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

## MATERIAL IDENTITY

Product Code and Name:  
78024 TRIETHYLENE GLYCOLChemical Name and/or Family or Description:  
GlycolManufacturer's Name and Address:  
Texaco Chemical Company  
P.O. Box 27707 Houston, TX 77227

## Telephone Numbers:

TRANSPORTATION EMERGENCY Company: (408) 727-0831

CHEMTREC: (800) 424-9300

HEALTH EMERGENCY Company: (814) 831-3400

GENERAL HAZARD ASSISTANCE (814) 838-7304

## TECHNICAL INFORMATION

Fuels: (814) 838-7338; Lubricants/Antifreezes: (814) 838-7309  
Chemicals: (812) 489-8343

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Product and/or Component(s) Carcinogenic According to:

OSHA IARC NTP OTHER NONE  
- - - - X

## Composition:

Chemical/Common Name

CAS No.

Exposure Limit

Ranks in %

Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis- 112276 None Established 100.00

Product is hazardous according to OSHA (1910.1200).

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

## 3. HAZARD IDENTIFICATION

## EMERGENCY OVERVIEW

Appearance and Odor: colorless liquid, slight odor

## WARNING STATEMENT

NONE CONSIDERED NECESSARY

Health: 0  
Flammability: 1

## HMIS

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

## NFPA

Reactivity: 0  
Special: -

## POTENTIAL HEALTH EFFECTS

Primary Route of Exposure:

EYE SKIN INHALATION INGESTION  
X X X -

Effects of Overexposure

Acute

Eyes:

May cause minimal irritation, experienced as temporary discomfort.

Skin:

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

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

Page: 1

N.D. - Not Determined  
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> - Greater Than

N.T. - Not Tested



PRODUCT CODE: 75024  
PRODUCT NAME: TRIETHYLENE GLYCOL

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

### 3. HAZARD IDENTIFICATION (CONT)

**Inhalation:**

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

**Ingestion:**

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

**Sensitization Properties:**

Unknown.

**Chronic:**

No adverse effects anticipated.

**Medical Conditions Aggravated by Exposure:**

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

Repeated overexposure may aggravate existing kidney disease.

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

**Other Remarks:**

None

### 4. FIRST AID MEASURES

**Eyes:**

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

**Skin:**

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

**Ingestion:**

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

**Inhalation:**

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

**Other Instructions:**

None

### 5. FIRE-FIGHTING MEASURES

Ignition Temp. Degrees F.: N.D.  
Flammable Limits (%) Lower: N.D.

Flash Point Degrees F. (Method): 328 F (COC)  
Upper: N.D.

**Recommended Fire Extinguishing Agents And Special Procedures:**

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

Page: 2

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N.T. - Not Tested

PRODUCT CODE: 75034  
PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/81  
Supersedes: 04/10/81

## 5. FIRE-FIGHTING MEASURES (CONT)

Unusual or Explosive Hazards:  
None

## 6. ACCIDENTAL RELEASE MEASURES (Transportation Spills Call: CHEMTREC (800) 424-6300)

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

## 7. HANDLING AND STORAGE

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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Protective Equipment (Type)

#### Eye/Face Protection:

Chemical-type goggles or face shield recommended to prevent eye contact.

#### Skin Protection:

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

#### Respiratory Protection:

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

#### Ventilation:

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

#### Exposure Limit for Total Product:

None established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: colorless liquid, slight odor

Boiling Point (Degrees F.): 550

Percent VOC: 100

Specific Gravity: 1.1285 (H2O=1)

Vapor Density: 3.17

Air=1

pH of undiluted product: 7.0

Solubility in Water: sol.

Vapor Pressure: <0.01 mmHg

Other: -

Viscosity: 48 cP @ 20 C

## 10. STABILITY AND REACTIVITY

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

Air Water Heat Strong Oxidizers Others None of These

Page: 2

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N.T. - Not Tested

02/27/92 09:50 0713 477 3438

CoastChem:Pasade -&gt; Farmington

005

PRODUCT CODE: 78032  
PRODUCT NAME: TRIETHYLENE GLYCOLDate Issued: 12/10/91  
Supersedes: 04/10/91

## 10. STABILITY AND REACTIVITY (CONT)

Comments:  
None

## Products Evolved When Subjected to Heat or Combustion:

Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning. Heating in air may produce irritating aldehydes, acids, and ketones.

Hazardous Polymerizations:

OCCUR DO NOT OCCUR

X

## 11. TOXICOLOGICAL INFORMATION

## TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Median Lethal Dose (LD50 LC50) (Species)

Oral: believed to be &gt; 5 g/kg (rat); practically non-toxic

Inhalation: No effect (monkey, rat); saturated atmosphere

Dermal: believed to be &gt; 3 g/kg (rabbit); practically non-toxic

Irritation Index, Estimation of Irritation (Species)

Skin: believed to be &lt; 0.5/8.0 (rabbit); no appreciable effect

Eyes: believed to be &lt; 12/110 (rabbit); no appreciable effect

Sensitization: N.D.

Other:  
None

## 12. DISPOSAL CONSIDERATIONS

## WASTE DISPOSAL METHODS

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

REMARKS

None

## 13. TRANSPORT INFORMATION

## TRANSPORTATION

DOT: PROPER SHIPPING NAME: Not regulated

HAZARD CLASS: N.D.

IDENTIFICATION NUMBER: N.D.

LABEL REQUIRED: N.D.

IMO: PROPER SHIPPING NAME: N.D.

IATA: PROPER SHIPPING NAME: N.D.

TDG: PROPER SHIPPING NAME: Not Regulated.

HAZARD CLASS: N.D.

IDENTIFICATION NUMBER: N.D.

LABEL REQUIRED: N.D.

PRODUCT CODE: 78024  
PRODUCT NAME: TRIETHYLENE GLYCOL

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

#### 14. REGULATORY INFORMATION

##### A. SARA TITLE III

Title III Section 302/304 Extremely Hazardous Substances:

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

CECLA Section 102(a) Hazardous Substances

Component	CAS No.	Percent	RC (lbs)
NONE			

Title III Section 311 Hazard Categorization

Acute Chronic Fire Pressure Reactive Not Applicable

X - - - -

Title III Section 312 Toxic Chemicals

Component	CAS No.	Percent
NONE		

##### B. WHIS CLASSIFICATION

Not Regulated

##### C. MICHIGAN CRITICAL MATERIALS

No critical materials present.

#### 15. OTHER INFORMATION

None

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

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

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

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

PLEASE SEE NEXT PAGE FOR PRODUCT LABEL

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

PRODUCT CODE: 75024

PRODUCT NAME: TRIETHYLENE GLYCOL

Date Issued: 12/10/91

Supersedes: 04/10/91

## 18. PRODUCT LABEL

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

75024 TRIETHYLENE GLYCOL

WARNING STATEMENT

NONE CONSIDERED NECESSARY

PRECAUTIONARY MEASURESAVOID PROLONGED BREATHING OF MIST OR VAPOR  
WORKERS SHOULD WASH EXPOSED SKIN SEVERAL TIMES DAILY WITH SOAP  
AND WATER.FIRST AIDINGESTION:If more than several mouthfuls have been swallowed, give two glasses of  
water (16 oz.). Get medical attention.INHALATION:If irritation, headache, nausea, or drowsiness occurs, remove to fresh air.  
Get medical attention if breathing becomes difficult or symptoms persist.EYE CONTACT:Flush eyes with plenty of water for several minutes. Get medical  
attention if eye irritation persists.SKIN CONTACT:Wash skin with plenty of soap and water for several minutes. Get medical  
attention if skin irritation develops or persists.FIREIn case of fire, use foam, dry chemical, or CO2. Use water spray to keep  
containers cool.Chemical/Common Name

Ethanol, 2,2'-(1,2-ethanediyl)bis(oxy)bis-

CAS No.

112276

Range in %

100.00

Product is hazardous according to OSHA (1910.1200).

• Component(s) is hazardous according to OSHA or one or more  
state Right-to-Know laws.HMISHealth : 0 Reactivity : 0  
Flammability: 1 Special : -National Fire Protection AssociationHealth : 0 Reactivity : 0  
Flammability: 1 Special : -DOT Proper Shipping Name: Not regulated  
DOT Hazardous Class : N.D.CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used  
to store toxic, flammable, or reactive materials. Cutting or welding of empty  
containers might cause fire, explosion or toxic fumes from residues. Do not pressurize  
or expose to open flame or heat. Keep containers closed and keep plugs in place.Manufacturer's Name: Texaco Chemical Company  
P.O. Box 27707 Houston, TX 77227

TRANSPORTATION EMERGENCY Company: (408) 727-0831

EXHIBIT "B"  
SPILL CONTROL PROCEDURES



Manual		
Policy and Procedure		
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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 application of the standards; however, variations from the standards should be approved by the Area Manager.

**B. CONTENTS**

**C. POLICY**

- C.1 General
- C.2 Bulk Storage Tanks
- C.3 Facility Drainage
- C.4 Transfer Operations, Pumping, and In-Plant Process
- C.5 Facility Tank Car and Tank Truck Loading/Unloading Rack

**D. PROCEDURE**

- D.1 Identifying, Containing and Initial Reporting of a Discharge or Spill of a Hazardous or Toxic Substance
- D.2 Submitting Written Notification of a Discharge or Spill

ATTACHMENT A: Discharge or Spill Containment Procedures and Materials  
ATTACHMENT B: Contractors Available for Discharge or Spill Containment  
ATTACHMENT C: Agencies Requiring Notification

**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

Supersedes Division Policy and Procedure 12.10.020 dated October 10, 1985

Form 1710.12-85

DOCUMENT FORMAT  
FORM 1710.12-85

Approved: Page 1 of 1

*Barrie B-M Cullen*

Approved: Page 1 of 1

*P. England*

Doc. 1112a



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Subject or Title

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

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 650 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

Supersedes Division Policy and Procedure 12.10.020 dated October 10, 1985

Approved (Page 1 Only)

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Subject or Title

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

- 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

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

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

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

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

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

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

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

- C.5.1 Rack area drainage which does not flow into a catchment basin or treatment facility designed to handle spills should have a quick drainage system for use in tank truck loading and unloading areas. The containment system should have a maximum capacity of any single compartment of a tank car or truck loaded or unloaded in the plant.
- \*C.5.2 Aboveground piping that has potential for damage by vehicles entering the Site should be protected by logically placed warning signs or by concrete-filled pipe barriers.
- \*C.5.3 Loading and unloading areas should be provided with an interlocked warning light, grounding shutdown, physical barrier system, or warning signs to prevent vehicular departure before complete disconnect of flexible or fixed transfer lines. All drains and outlets of any tank car or truck should be closely examined for leakage prior to filling and departure. All drains and outlets which may allow leakage should be tightened, adjusted, or replaced to prevent liquid leakage while in transit.

D. PROCEDURE

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

Any Employee

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

NOTE: Refer to Attachment A for containment procedures.

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District Superintendent

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

- Name of company facility and/or location of facility and nature of discharge or spill
- Description and quantity of substance discharged
- Name, title, and telephone number of person initially reporting the discharge or spill and person reporting to Gas Dispatch
- Action taken or being taken to mitigate and correct discharge or spill
- Water bodies or streams involved
- Time and duration of discharge or spill
- 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.

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**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.

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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)	<ol style="list-style-type: none"><li>1. Closes appropriate block valves.</li><li>2. Contains discharge or spill by: ditching covering, applying sorbents, constructing</li><li>3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.</li></ol>	<ol style="list-style-type: none"><li>1. Straw</li><li>2. Loose Earth</li><li>3. Oil Sorbent - 3M Brand</li><li>4. Plain Wood Chips</li><li>5. Sorb - Oil Chips - Banta Co.</li><li>6. Sorb - Oil Swabs - Banta, Co.</li><li>7. Sorb - Oil Mats - Banta Co.</li></ol>
B. Vehicle	<ol style="list-style-type: none"><li>1. Contains discharge or spill by: ditching covering surface with dirt, constructing earthen dams, applying sorbents, or burning.</li><li>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.</li><li>3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.</li></ol> <p><b>**NOTE:</b> 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.</p>	
C. Bulk Storage Tanks or any other facilities	<ol style="list-style-type: none"><li>1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam, or burning.</li><li>2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.</li></ol>	

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percedes Division Policy and Procedure 12.10.020 dated October 10, 1985

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## ATTACHMENT B

## \*Contractors Available for Discharge or Spill Containment

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

IDAHO		
Contractor Name	Address	Telephone Number
Envirosafe Services of Idaho	1602 West Franklin Boise, Idaho	208-384-1500

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

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

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--Added

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ATTACHMENT B (Continued)

Contractors Available for Discharge or Spill Containment

UTAH		
Contractor Name	Address	Telephone Number
A. L. Berna Construction	P.O. Box 8 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
Eiden 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 Puntenev)	307-276-3210
Skyline Construction	Big Piney, WY (Rod Bennett)	307-276-3383

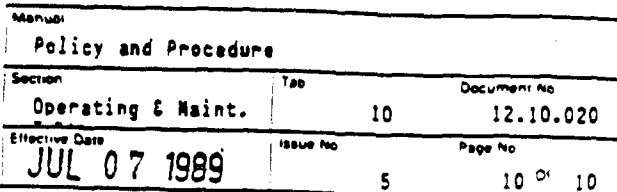
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--Added

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Prepared By: [Signature]

Approved By: [Signature]

Approved By: [Signature]



**SUBJECT or TIME**

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

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) . . . . . 1-208-334-2261

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

State of Oregon  
Emergency Services Division (Outside Oregon): . . . . . 1-800-452-0311  
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) . . . . . : 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.

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## 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	Drig Well	Prod Well	Tank Btty	Pipe Line	Gaso Pint	Oil Rty	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



Mapped, edited, and published by the Geological Survey

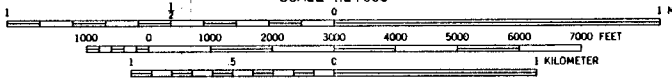
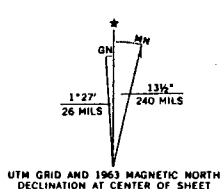
Control by USGS and USC&GS

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

Polycyclic 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

Fine red dashed lines indicate selected fence lines

Entire area is within the San Juan Gas Field



### EXHIBIT 1

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



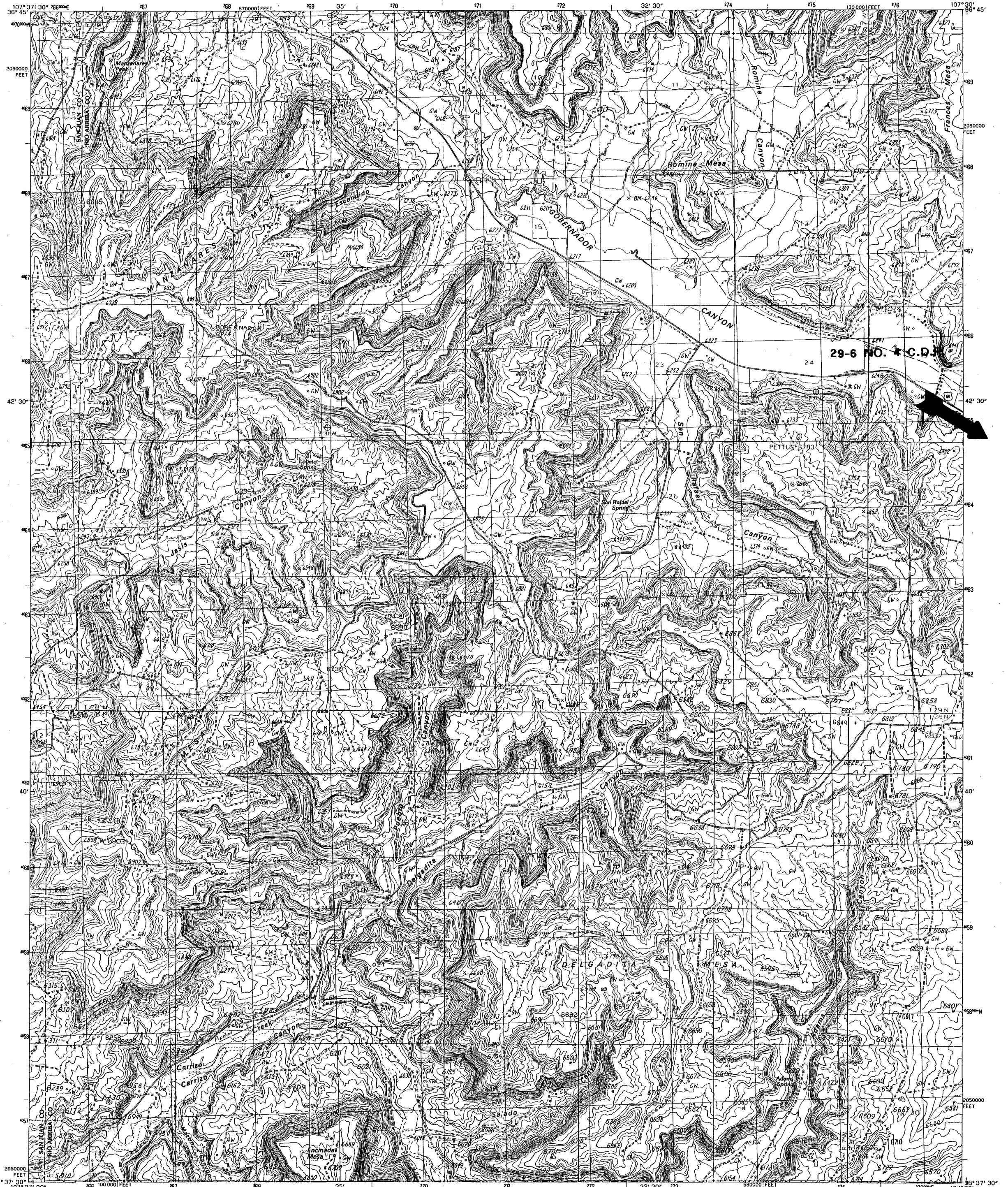
ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -  
State Route ○

FOURMILE CANYON, N. MEX.  
N3637 5-W10722 5/7.5

1963

AMS 4557 III NW-SERIES V881

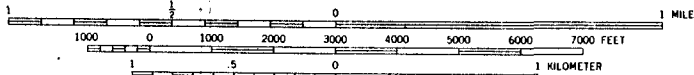




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOSMNOA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1977  
FIELD CHECKED 1981. MAP EDITED 1985  
PROJECTION TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13  
10,000-FOOT STATE GRID TICS NEW MEXICO, CENTRAL  
AND WEST ZONES  
UTM GRID DECLINATION 1°28' WEST  
1985 MAGNETIC NORTH DECLINATION 13° EAST  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1989  
HORIZONTAL DATUM 1983 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(2 meters north and 55 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check.

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET

**EXHIBIT 1-A**

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092



QUADRANGLE LOCATION

1	2	3	1 Archuleta 2 Pine River 3 Gomer Ranch 4 Cutler Canyon 5 Fourmile Canyon 6 Fresno Canyon 7 Gould Pass 8 Santos Peak
4		5	
6	7	8	