

GW - 87

**GENERAL
CORRESPONDENCE**

YEAR(S):
2006-1996

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.

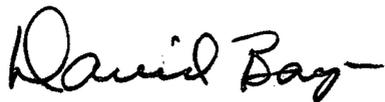
Please see the attached Table 1 and Table 2, from the recent OCD Discharge Plan renewal application for Williams' Rosa Compressor Station, for an example of how the updates apply at a typical Williams' facility. The updated information is indicated by bold text. We will update this information in each 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 any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste.
Wash-down Water	Below Grade Sump, vaulted	70 bbl 45 bbl	Dual-walled tanks	Non-exempt	Contractor may pump wash water back into truck after washing; water may be transported to any facility permitted by any state, federal, or tribal agency to receive industrial solid waste ; or evaporation at Williams' facility may be considered. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such waste.
Used Oil Filters	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Used Process Filters	Drum or other container	Varies	Transported in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Spill Residue (e.g., soil, gravel, etc.)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at any facility permitted by any state, federal, or tribal agency to receive industrial solid waste. Any waste that is determined to be hazardous as defined by 40 CFR 260-265 will be disposed only at a facility permitted to accept such hazardous waste. A Waste Acceptance Profile will be filed with the disposal facility as necessary. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non-exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Antifreeze	Above Ground Storage Tank		Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	500 gal* 125 gal* 100 gal*	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above Ground Storage Tank	500 gal*	Berm or concrete pad and wastewater system	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

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

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

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

David Bays
Senior Environmental Specialist

Attachments

xc: Clara Cardoza
Monica Sandoval
WFS FCA file 210

Cirrus Consulting, LLC

1828 E. Harrison Ave, Salt Lake City, UT 84108

Voice Line: (801) 583-3107

ideklau@cirrusllc.com

MEMORANDUM

To: Wayne Price

From: Ingrid Deklau

Date: August 21, 2006

Subject: Williams Field Services –copies of public notice

Hi Wayne –

As we discussed on the phone Friday, here are copies of the public notice letters for four OCD Discharge Plan submittals that were made while I was on vacation. Sorry for any inconvenience there....

We also discussed the company name change from Williams Field Services to Williams Four Corners, LLC. When we prepared these plans and letters, the company was still going by Williams Field Services Company. I drafted up a letter addressed to you for review by Williams' personnel regarding the name change, and hope to get it reviewed and officially submitted to you this week. Just to reiterate, there is no change of corporate ownership involved here, and all other administrative items (environmental contact, phone numbers, etc.) remain unchanged.

I can be reached at 801-583-3107 if you have any questions.

Thanks!
Ingrid

PROCESS &
RETURN TO
FCA



Environmental Affairs
188 CR 4900
Bloomfield, NM 87413
505/632-4625
505/632-4781 Fax

July 12, 2006

Mr. Wayne Price
New Mexico Oil Conservation Division
Water Quality Management Fund
1220 S St. Francis Dr.
Santa Fe NM 87505

Re: Discharge Plan GW-271 and GW-87 Application Renewal and Filing Fees

Dear Mr. Price:

Enclosed please find copies of Discharge Plan application renewal and check number 4027017013 for \$200.00 to cover the filing fee for the following Williams Field Services (WFS) Compressor Stations:

- **Kernaghan Compressor Station (GW-271)**
- **Cedar Hill Station (GW-87)**

Williams Field Services appreciates your assistance in handling these applications and fees. If you have any questions or require additional information, please contact me at 505/632/4625.

Thank you,

Monica Sandoval
Environmental Compliance

Xc: Brandon Powell, Aztec, OCD Dist III
FCA Environmental File 220

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7/13/06

or cash received on _____ in the amount of \$ 100⁰⁰

from Williams Four Corners

for GW-87

Submitted by: Lawrence Romero Date: 7/26/06

Submitted to ASD by: Lawrence Romero Date: 7/26/06

Received in ASD by: _____ Date: _____

Filing Fee New Facility _____ Renewal
Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

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

Williams WILLIAMS FOUR CORNERS LLC
PO Box 21218
Tulsa, OK 74121-1218
Customer Support 1-866-778-2665

JPMorgan Chase Bank, N.A.
Chicago, IL

70-2322-1719
A/C 716486840

DATE: 07/13/2006

PAY TO THE ORDER OF: NEW MEXICO OIL CONSERVATION DIV
WATER QUALITY MANAGEMENT FUND
2040 S PACHECO

SANTA FE UNITED STATES NM 87505

SUPPLIER NUMBER 403816

PAY \$*****200.00 USD

Rodney J. Sisk
Authorized Signer

[REDACTED]



WILLIAMS FOUR CORNERS LLC
PO Box 21218
Tulsa, OK 74121-1218
Customer Support 1-866-778-2665

CHECK NUMBER	PAY DATE	SUPPLIER NO.	SUPPLIER NAME	TOTAL AMOUNT
	07/13/2006	403816	NEW MEXICO OIL CONSERVATION DIV	*****200.00

INVOICE NUMBER	INV. DATE	INVOICE DESCRIPTION	NET AMOUNT
12-JUL-2006	20060712	APPLICATION RENEWAL & FILING FEE	200.00

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 Departments
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised June 10, 2003
Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to appropriate
District Office

**DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,
GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS**
(Refer to OCD Guidelines for assistance in completing the application)

New Renewed Modification

1. Type: Natural Gas Compressor Station (Cedar Hill Station, GW-87)

2. Operator: Williams Field Services Co.

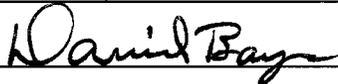
Address: 188 County Road 4900, Bloomfield, NM 87413

Contact Person: David Bays Phone: (505) 634-4951

3. Location: SW/4 SW/4 Section 28 Township 32N Range 10W

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 daily quality and daily volume of waste water must be included.
8. Attach a description of current liquid waste and solid waste collection/treatment/disposal systems.
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 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: David Bays Title: Environmental Specialist

Signature:  Date: July 10, 2006

E-Mail Address: david.bays@williams.com



WILLIAMS FIELD SERVICES COMPANY
CEDAR HILL COMPRESSOR STATION
DISCHARGE PLAN GW-87 RENEWAL

Prepared for:

New Mexico Oil Conservation Division
Williams Field Services Company
188 County Road 4900
Bloomfield, NM 87413

Item 1

Indicate the major operational purpose of the facility. If the facility is a natural gas purification plant (CO₂ removal) and compressor station include the total combined site rated horsepower.

The Cedar Hill Compressor Station is a compressor station owned and operated by Williams Field Services Company (WFS). The site will include the following equipment:

The site is permitted for four Waukesha 7042GL Reciprocating Compressor Engines (site-rated compressor horsepower is 1478 hp) and seven glycol dehydrators; however only two engines and two dehydrators are currently installed at the site. Compressors and dehydrators may be installed or removed to meet demand. In addition, there are various storage tanks, support structures and ancillary equipment. A copy of the facility plot plan is included as Figure 1.

Item 2

Name of operator or legally responsible party and local representative.

**Legally Responsible Party/
Operator** Williams Field Services Company
188 County Road 4900
Bloomfield, NM 87413
(505) 632-4600/4634
(800)-645-7400 (24 hour emergency notification)

Local Representative David Bays
Williams Field Services Company
188 County Road 4900
Bloomfield, NM 87413
(505) 634-4951

Item 3

Give a legal description of the location and county. Attach a large-scale topographic map.

San Juan County, New Mexico
Township 32 North, Range 10 West, Section 28
The topographic map is attached as Figure 2.

Item 4

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

U. S. Department of the Interior
Bureau of Land Management
1235 La Plata Highway
Farmington, NM 87401
(505) 599-8900

Item 5

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

There have been no major modifications to this section. An updated facility plot plan is included as Figure 1.

Item 6

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

Table 1 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

MSDSs for materials at the site are maintained in WFS's corporate office and are available upon request.

Item 7

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

The source, quantity, and quality of effluent and waste solids generated at the compressor station are summarized in Table 2.

Item 8

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

There have been no modifications to this section. See information on-file at OCD.

Item 9

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

No modifications to the facility are necessary to meet NMOCD requirements.

Item 10

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

There have been no modifications to this section. See information on-file at OCD.

Item 11

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

WFS will handle all spills and leaks immediately as required by company procedures and will report all spills and leaks according to the requirements of the State of New Mexico as found in NMOCD Rule 116 and WQCC Section 1203.

Item 12

Attach ecological/hydrological information for the facility. Depth to and quality of groundwater must be included.

The Cedar Hill CDP Compressor Station is located on Bushelberger Mesa, approximately 10.5 miles northeast of Aztec, New Mexico. The site elevation is approximately 6050 feet above mean sea level. The natural ground surface topography slopes downward toward the south. The maximum relief over the site is approximately 15 feet. Intermittent flow from the site will follow natural drainage south to Cox Canyon Wash. Cox Canyon Wash drains to the southeast into the Animas River. The Animas River, approximately 1.3 miles to the southeast of the site, is the nearest down-gradient perennial source of surface water at an elevation of approximately 5800 feet.

A current well search was performed for this renewal application. There is no new information to report for this section. See information on-file at OCD.

Item 13

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

There have been no modifications to this section. See information on-file at OCD.

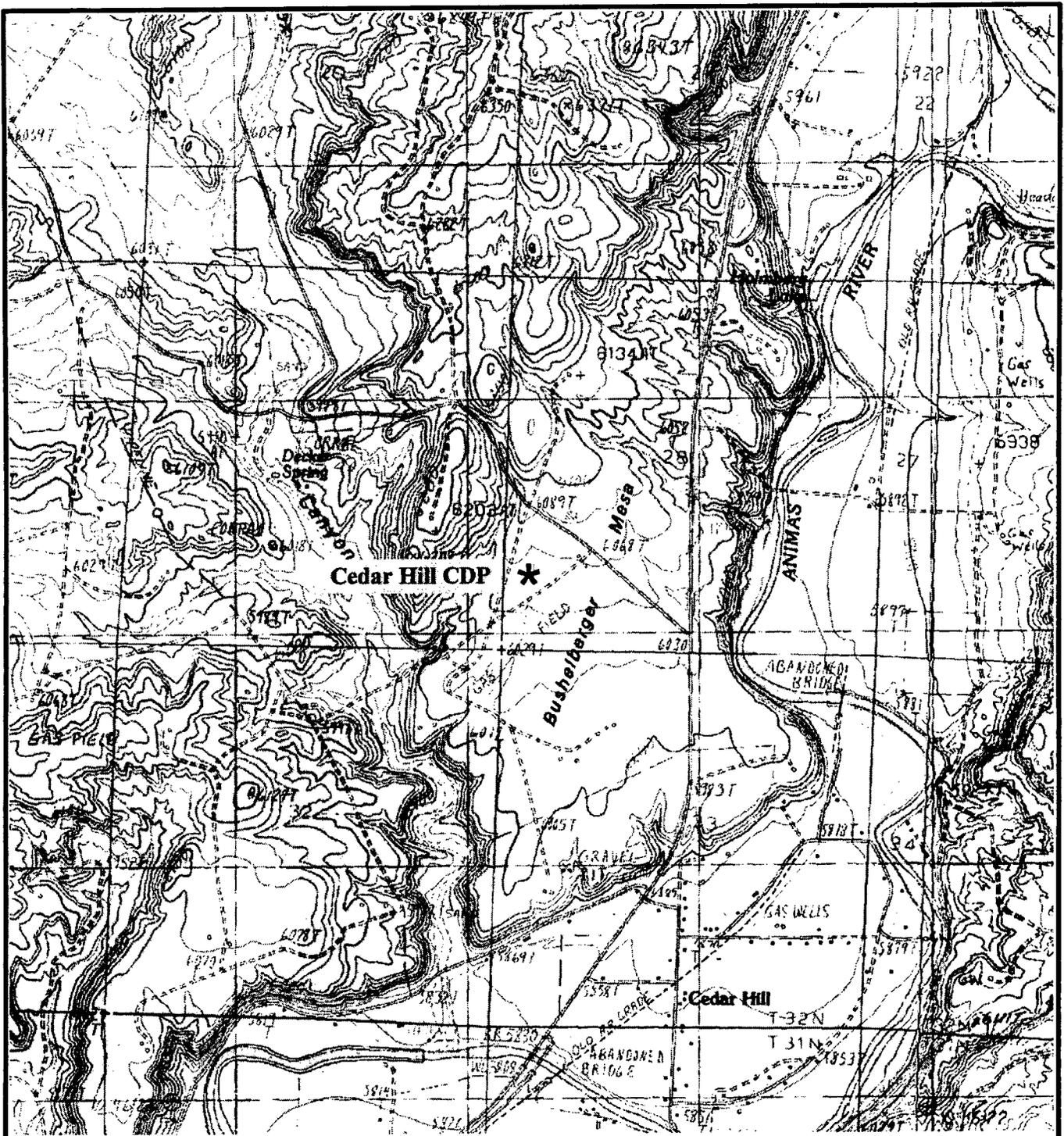
**TABLE 1
TRANSFER, STORAGE AND DISPOSAL OF PROCESS FLUIDS, EFFLUENT AND WASTE SOLIDS
CEDAR HILL COMPRESSOR STATION**

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	165 bbl	Berm	Non-exempt	May be hauled to a WFS or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Natural Gas Condensate/ Produced Water	Above Ground Storage Tank	70 bbl	Berm	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams evaporation facility or may be disposed at NMOCD-approved facility.
Wash-down Water	Above Ground Storage Tank	165 BBL	Berm	Non-exempt	Contractor may pump wash water back into truck after washing; water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered.
Used Oil	Above Ground Storage Tank	500 gal*	Concrete pad and wastewater system	Non-exempt	May be hauled to a WFS or contractor consolidation point before transport to EPA-registered used oil marketer for recycling.
Used Oil Filters	Drum or other container	Varies	Transported to a Williams or contractor facility in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Used Process Filters	Drum or other container	Varies	Transported to a Williams or contractor facility in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Spill Residue (i.e., 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 to a Williams or contractor facility in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non-exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	500 gal 100 gal* 50 gal*	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Corrosion Inhibitor	Above Ground Storage Tank	250 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Solvent	Above Ground Storage Tank	2 @ 300 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Above Ground Storage Tank	225gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Biodegradable soap	Above Ground Storage Tank	500 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Non-potable water	Above Ground Storage Tank	70 bbl	Berm	N/A	N/A
Antifreeze	Above Ground Storage Tank	2 @ 500 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Lube Oil	Above Ground Storage Tank	100 bbl 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/or dehy's installed on site. Engines and dehy's are installed or removed to meet demand.

TABLE 2
SOURCE, QUANTITY AND QUALITY OF EFFLUENT AND WASTE SOLIDS
CEDAR HILL COMPRESSOR STATION

PROCESS FLUID / WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Natural Gas Condensate	Scrubber, Gas Inlet Separator	2000-6000 bbl/year	No Additives
Wash Down Water	Compressor Skid	500-5000 gal/year/engine	Biodegradable soap and tap water with traces of used oil
Used Oil	Compressor	1000-2000 gal/year/engine	Used Motor Oil w/ No Additives
Used Oil Filters	Compressor	50-500/year/engine	No Additives
Used Process Filters	Air, Inlet, Fuel Gas	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



Source: USGS Cedar Hill and Mt. Nebo, New Mexico Quadrangles

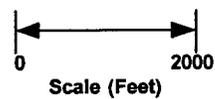


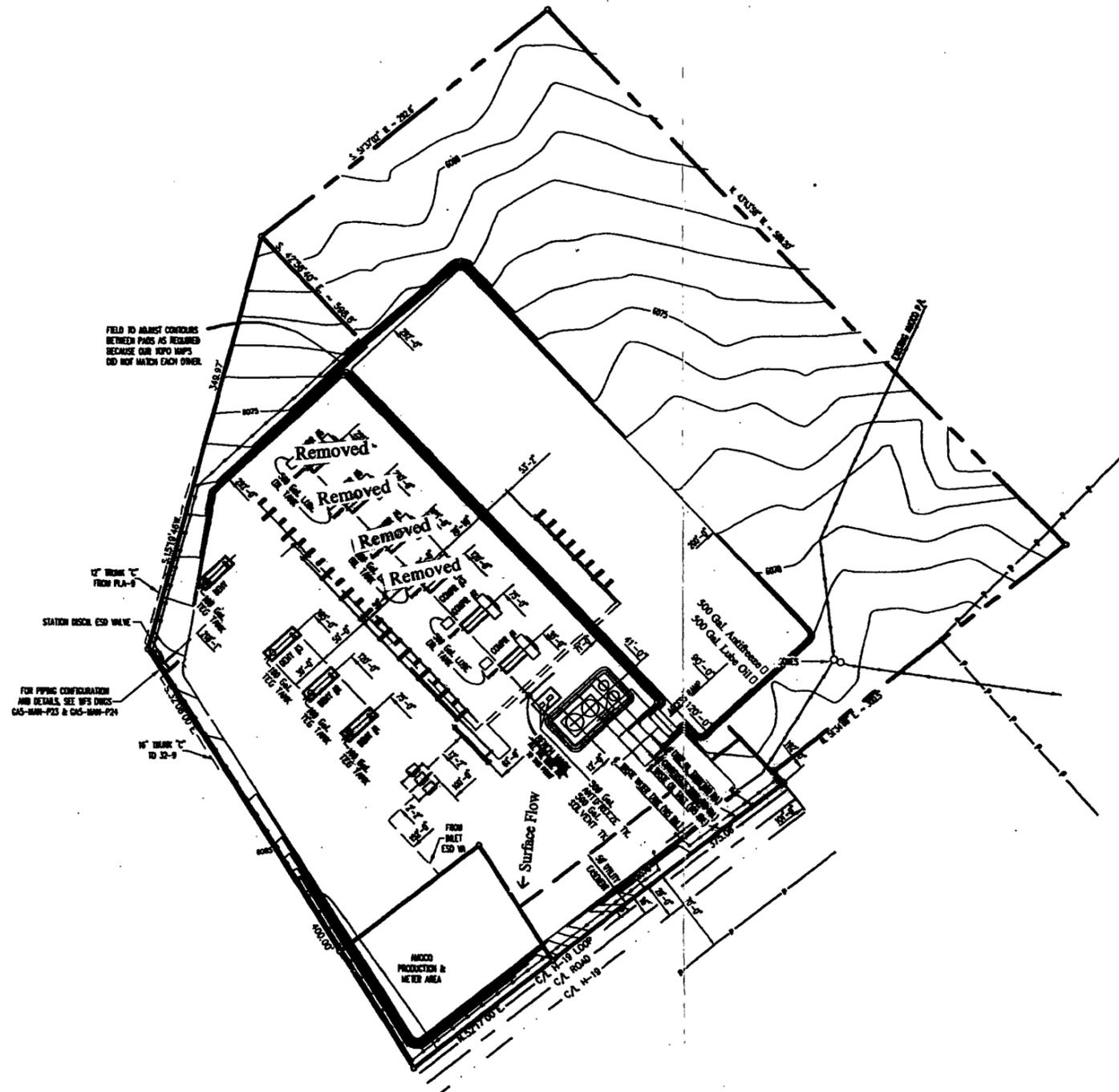
Figure 1 Site Vicinity / Topographic Map
Cedar Hill CDP Compressor Station
 Section 28, Township 32N Range 10W
 San Juan County, New Mexico

Subject or Title

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

ATTACHMENT 'A' PRODUCT AND WASTE STORAGE LOCATIONS

OPERATIONS		
Manual	CEDAR HILL COMPRESSOR DELIVERY POINT	
Section	SPILL PREVENTION CONTROL	Document No. 4213.001
Effective Date	12-10-98	Page No. 3 of 8



S:\WFSDS\PM_ET\CED\EOD\00080101.dwg Mon Mar 08 08:39:11 1999

REFERENCE DRAWINGS										DRAFTING BY DATE		STATE: NEW MEXICO	WILLIAMS FIELD SERVICES		
REFERENCE DRAWINGS										DRWN BY	PHAL	12-10-98	COUNTY: SAN JUAN	ONE OF THE WILLIAMS COMPANIES	
REFERENCE DRAWINGS										CHECKED BY			CEDAR HILL COMPRESSOR DELIVERY POINT SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN PLOT PLAN		
REFERENCE DRAWINGS										ENGINEER BY DATE					
REFERENCE DRAWINGS										DESIGNED BY					
REFERENCE DRAWINGS										PREL. APPROVED			V.O. NO. 98408		



Four Corners Area
 Environmental Department
 #188 County Road 4900
 Bloomfield, N.M. 87413
 Phone: (505) 632-4625
 Fax: (505) 632-4781

July 5, 2006

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Eric Daniel and Cetha Ericson Trust
 Attn: Ericson Beach Real Estate
 239 Pier Ave.
 Hermosa Beach, CA 90254-0254

Dear Madam/Sir:

This letter is to advise you that Williams Field Services Company is preparing to submit to the Oil Conservation Division a Discharge Plan Renewal application for the permitted Cedar Hill Compressor Station (GW-87). This notice is a requirement pursuant to New Mexico Water Quality Control Commission Regulations. We expect to submit the Discharge Plan Renewal application to the Oil Conservation Division during July 2006.

The facility, located in Section 28, Township 32 North, Range 10 West, San Juan County, New Mexico, approximately 10.5 miles north of Aztec, provides natural gas compression and conditioning services.

The discharge permit addresses how spills, leaks, and other accidental discharges to the surface will be managed. The facility does not discharge wastewater to surface or subsurface waters. All wastes generated will be temporarily stored in tanks or containers. Waste shipped offsite will be disposed or recycled at an OCD approved site. In the event of an accidental discharge, ground water most likely will not be affected. The estimated ground water depth at the site is 200 feet. The total dissolved solids concentration of area ground water is expected to be in the range of 200-2,000 parts per million.

Comments or inquiries regarding this permit or the permitting process may be directed to:

Director of the Oil Conservation Division
 1220 South Saint Francis Dr.
 Santa Fe NM 87505

Respectfully submitted,

Monica Sandoval
 Environmental Compliance Administrator

7005 0390 0000 6891 1099 8500

U.S. Postal Service™		
CERTIFIED MAIL™ RECEIPT		
(Domestic Mail Only; No Insurance Coverage Provided)		
For delivery information visit our website at www.usps.com		
OFFICIAL USE		
HERMOSA BEACH CA 90254		
Postage	\$ 0.39	0012
Certified Fee	\$2.40	03
Return Receipt Fee (Endorsement Required)	\$1.85	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
Total Postage & Fees	\$ 4.64	08/21/2006
Sent To <u>Ericson Trust</u>		
Street, Apt. No. or PO Box No. <u>239 Pier Ave</u>		
City, State, ZIP+4 <u>Hermosa Beach CA 90254</u>		
PS Form 3800, June 2002		



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

April 5, 2005

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Ms. Clara Garcia
Williams Field Services Company
188 CR 4900
Bloomfield, New Mexico 87413

RE: Field Inspections

Dear Ms. Garcia:

Attached are copies of the field inspections performed on various William Field Services Company's facilities. These inspections were performed on March 21, 22, and 23, 2005 by New Mexico Oil Conservation Division personnel, Mr. Jack Ford, Mr. Darrel Davis, and Mr. Ed Martin. No photographs were taken during the inspections.

Please review each of the facilities on the attached report and address the comments of items observed during the inspections. No Notice of Violation will be issued as a result of these inspections, however, a number of corrections at the facilities need immediate attention. Kindly inform me as these corrections are made. An e-mail note will be sufficient at this time. My e-mail address is: jwford@state.nm.us

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

Sincerely,

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

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

Attachment

Cc: OCD Aztec District Office

Environmental Field Inspections

March 2005

Date Insp	Insp No	Facility	Facility Type	Insp Type	Insp Purpose	Inspector	Documentation
3/21/2005	eWJF0509040395	WFS CEDAR HILL CS	Compressor Station	Field Inspection	Normal Routine Activity	Jack Ford	Samples <input type="checkbox"/> Photos / Etc. <input type="checkbox"/> Docs Reviewed <input type="checkbox"/>
Operator: WILLIAMS FIELD SERVICES CO.				Permit(s) Authorizing Facility GW-87			
Violation Detail (If applicable) Contamination observed on ground surface							
Violation Description							
Comments / Action Required Small oil stained area at used oil filter storage also near used oil and produced water tanks requires remediation. Oil stained gravel and soil along base of eastern most compressor pad requires remediation. Attention must be given to sump with liquid and oil running into it from oil leak at southwest corner of containment.							
Addition Concerns as Checked:							
	Unauth. Release <input type="checkbox"/>	Process Area <input type="checkbox"/>	BG Tanks/Sumps <input type="checkbox"/>	WD Practice <input type="checkbox"/>	Housekeeping <input checked="" type="checkbox"/>	Remediations <input checked="" type="checkbox"/>	Storm Water <input type="checkbox"/>
		Drums <input type="checkbox"/>	Pad / Berm / Liner <input type="checkbox"/>	Labeling <input type="checkbox"/>	UG Lines <input type="checkbox"/>	Class V <input type="checkbox"/>	
3/21/2005	eWJF0509040806	WFS AZTEC CDP CS	Compressor Station	Field Inspection	Normal Routine Activity	Jack Ford	Samples <input type="checkbox"/> Photos / Etc. <input type="checkbox"/> Docs Reviewed <input type="checkbox"/>
Operator: WILLIAMS FIELD SERVICES CO.				Permit(s) Authorizing Facility GW-155			
Violation Detail (If applicable) No Violations Identified - All O.K.							
Violation Description							
Comments / Action Required Saddle tanks require labels. Excess water in below grade steel tank pit needs to be pumped out.							
Addition Concerns as Checked:							
	Unauth. Release <input type="checkbox"/>	Process Area <input type="checkbox"/>	BG Tanks/Sumps <input checked="" type="checkbox"/>	WD Practice <input type="checkbox"/>	Housekeeping <input type="checkbox"/>	Remediations <input type="checkbox"/>	Storm Water <input type="checkbox"/>
		Drums <input type="checkbox"/>	Pad / Berm / Liner <input type="checkbox"/>	Labeling <input checked="" type="checkbox"/>	UG Lines <input type="checkbox"/>	Class V <input type="checkbox"/>	
3/21/2005	eWJF0509041085	WFS DECKER JCT CS	Compressor Station	Field Inspection	Normal Routine Activity	Jack Ford	Samples <input type="checkbox"/> Photos / Etc. <input type="checkbox"/> Docs Reviewed <input type="checkbox"/>
Operator: WILLIAMS FIELD SERVICES CO.				Permit(s) Authorizing Facility GW-134			
Violation Detail (If applicable) No Violations Identified - All O.K.							
Violation Description							
Comments / Action Required Miscellaneous small oil stains on concrete pads, etc. should be cleaned to prevent being washed onto ground surface. Two dirt piles on site - one appears to be clean small size gravel(?) and other appears to be oil stained soils. Contaminated soils require proper disposal and/or prompt remediation action.							
Addition Concerns as Checked:							
	Unauth. Release <input type="checkbox"/>	Process Area <input type="checkbox"/>	BG Tanks/Sumps <input type="checkbox"/>	WD Practice <input type="checkbox"/>	Housekeeping <input checked="" type="checkbox"/>	Remediations <input checked="" type="checkbox"/>	Storm Water <input type="checkbox"/>
		Drums <input type="checkbox"/>	Pad / Berm / Liner <input type="checkbox"/>	Labeling <input type="checkbox"/>	UG Lines <input type="checkbox"/>	Class V <input type="checkbox"/>	

Work copy

SITE NAME	DISCHARGE PLAN #	CURRENT OCD PLAN # of Units/ HP	ACTUAL INSTALLS # of Units/ HP	AQB PERMITTED # of Units/ HP	
Category 1 - Update OCD Plans for actual compression; AQB permit allows additional installations					
OK 31-6 #1	X	GW-118	6 units/990 HP ea <i>5+4</i>	15 units/1370 HP ea	16 units/1370 HP ea
No Mod. request → OK 32-7 #1	X	GW-117	4 units/895 HP ea <i>ok</i>	6 units/1357 HP ea	8 units/1357 HP ea
No Mod. request → OK 32-8 #2	X	GW-111	4 units/895 HP ea <i>4+2</i>	5 units/1357 HP ea	9 units/1357 HP ea
OK HORSE CYN. CDP	ok	GW-61	4 units/895 HP ea <i>14</i>	6 units/1390 HP ea	14 units/1390 HP ea
OK MIDDLE MESA CDP	X	GW-64	10 units/895 HP ea <i>10+4</i>	19 units/1362 HP ea	20 units/1362 HP ea
OK PUMP MESA CDP	ok	GW-63	6 units/895 HP ea <i>6+6</i>	10 units/1363 HP ea	14 units/1363 HP ea
OK TRUNK N C.S.	ok	GW-306	5 units/1140 HP ea	6 units/1140 HP ea	8 units/1368 HP ea
No Mod. request → OK TRUNK L C.S.	X	GW-180	6 units/990 HP ea	10 units/990 HP ea	14 units/1131 HP ea
Category 2 - OCD Plan currently reflects all AQB permitted units; however, all units not yet installed					
29-6 #4CDP		GW-122	10 units; total site HP 10,980 <i>4+3</i>	6 units/1377 HP ea.; 1 unit/1148 HP	9 units/1377 HP ea.; 1 unit/1148 HP
32-9 CDP		GW-91	8 units/1379 HP ea	5 units/1379 HP ea	8 units/1379 HP ea
OK CEDAR HILL CDP		GW-87	10 units/1386 HP ea <i>ok 5+1</i>	7 units/1386 HP ea	10 units/1386 HP ea
KERNAGHAN B-8 STRADDLE		GW-272	2 units/764 HP ea	1 unit/764 HP	2 units/764 HP ea
MANZANARES CDP		GW-62	4 units/895 HP ea	3 units/895 HP ea	4 units/1300 HP ea
MOORE STRADDLE		GW-273	2 units/ 778 HP ea	1 unit/ 778 hp	2 units/ 778 hp ea
NAVAJO CDP		GW-182	4 units/2946 HP ea	3 units/2916 HP ea	4 units/2916 HP ea
TRUNK A BOOSTER C.S.		GW-248	6 units/1367 HP ea	3 units/1367 HP ea	6 units/1369 HP ea
TRUNK B BOOSTER C.S.		GW-249	7 units/1367 HP ea	3 units/1367 HP ea	7 units/1367 HP ea
MARTINEZ DRAW		GW-308	2 units/1380 HP ea	1 unit/1380 HP	2 units/1232 HP ea
QUINTANA MESA		GW-309	2 units/1380 HP & 1151 HP	1 unit/1232 HP	2 units/1232 HP & 1118 HP
Category 3 - Update OCD Plans for actual compression; all AQB permitted units Installed					
29-6 #2CDP	X	GW-121	5 units/895 HP ea. <i>5+2</i>	12 units/1370 HP ea.	12 units/1370 HP ea.
ROSA #1 CDP	X	GW-292	1 unit/1372 HP	2 unit/1372 HP	2 units/1371 HP ea
TRUNK M C.S.	X	GW-181	1 unit/990 HP	2 units/1378 HP ea	2 units/1378 HP ea
PIPKIN		GW-120	2 units/856 HP total	1 unit/1403 HP	1 unit/1403 HP
LA JARA FIELD	X	GW-233	1 Solar T-3000/ 2831 hp; 2 Solar T-4000/ 2897 hp ea.	2 Solar T-4000, 2 Solar T-4700S, 1 Solar T-4700=total 17,700 hp	2 Solar T-4000, 2 Solar T-4700S, 1 Solar T-4700=total 17,700 hp

No Mod. request → OK
 No Mod. request → OK
 OK
 OK
 OK
 OK
 OK
 No Mod. request → OK

15 units of old units 7-97 11/8/98
 Notice on record
 (Mod. to 14 units '91)
 (14 units in repair '92)
 (6 units in appl. '95)
 (up to 8 units in record off. '98)

OK

-change hp rating



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

September 14, 1998

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

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

Dear Mr. Ford:

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

Trunk C (GW-259)

Hart Mountain (GW-208)

Decker Junction (GW-134)

Aztec (GW-155)

✓ Cedar Hill (GW-87)

Horse Canyon (GW-61)

32-7 (GW-117)

Carracas (GW-112)

32-8#3 (GW-116)

Rosa #1 (GW-292)

Manzanares (GW-62)

Simms Mesa (GW-68)

Trunk A (GW-248)

29-7 (GW-136)

30-5 (GW-108)

30-8 (GW-133)

Trunk B (GW-249)

32-9 (GW-91)

Kernaghan (GW-271)

Trunk N (GW-306)

32-8#2 (GW-111)

Also
Added: Moore (GW-273)

Pritchard (GW-274)

Kernaghan B-8 (GW-272)

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

Sincerely,

Ingrid Deklau
Environmental Specialist

XC: Denny Foust, NM OCD



Four Corners Area
Environmental Department
#188 CR 4900
Bloomfield, N.M. 87413

RECEIVED

DEC 07 2001

Environmental Bureau
Oil Conservation Division

December 7, 2001

Mr. Jack Ford
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

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

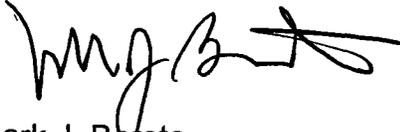
Dear Mr. Ford:

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

Facility	Permit #	Completion Date	Results	Comments
29-6#3 CDP	GW-198	9/13/2001	Passed	
32-9 CDP	GW-091	9/28/2001	Passed	
Blanco Compressor	GW-327	NA	NA	No drain lines to be tested.
Cedar Hill CDP	GW-087	9/19/2001	Passed	
Chaco Compressor	GW-331	NA	NA	No drain lines to be tested.
Coyote Springs Compressor	GW-250	9/12/2001	Passed	
Dogie Compressor	GW-330	NA	NA	No drain lines to be tested.
Hare Compressor	GW-343	8/27/2001	Passed	
Kebalah Compressor	GW-329	NA	NA	No drain lines to be tested.
Kernaghan Compressor	GW-271	9/12/2001	Passed	
Kutz NGL Pump Station	GW-334	8/31/2001	Passed	UST leak detection sys. is OK
La Jara Compressor	GW-233	NA	NA	No drain lines to be tested.
Middle Mesa CDP	GW-064	10/9/2001	Passed	
Milagro Plant	GW-060	8/20/2001	Passed	
Pritchard Compressor	GW-274	9/6/2001	Passed	
Pump Mesa CDP	GW-063	10/23/2001	Passed	
Thompson Compressor	GW-328	NA	NA	No drain lines to be tested.

If you have any questions or require additional information, I can be reached at (505) 632-4634.

Sincerely;

A handwritten signature in black ink, appearing to read 'Mark J. Bareta', with a stylized flourish at the end.

Mark J. Bareta
Senior Environmental Specialist

Attachments: Drain Line Testing Reports
xc: Denny Foust, Aztec OCD



October 29, 2001
AMEC Project No. 1-517-000086

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

**RE: Drain Line Testing
Williams Field Services Cedar Hill Compressor Station
San Juan County, New Mexico**

Dear Mr. Baretta,

AMEC Earth & Environmental, Inc. (AMEC) is pleased to provide Williams Field Services (WFS) with results of hydrostatic testing for the subsurface, non-pressurized, process and wastewater drain system at the WFS Cedar Hill Compressor Station located in rural San Juan County, New Mexico. Only subsurface, non-pressurized process and wastewater lines were tested according to the facilities' Oil Conservation Division (OCD) Ground Water Discharge Plan requirements.

AMEC mobilized to the site and began drain line testing activities on September 17, 2001. The work was completed on September 19, 2001. AMEC's on-site crew consisted of Bruce Hare (Site Supervisor) and a 3-man field crew.

The underground pipelines carrying process or wastewater were isolated. Each isolated system was filled with clean water and air was removed. A water-filled riser of sufficient height was used to provide a minimum of 3 pounds per square inch above normal operating pressure (all risers were at least 8-feet in height). A system was considered passing or non-leaking when the height of the water column held steady for a period of 60 minutes. Any leaks encountered were repaired and the system was re-tested until the passing criteria described above was met.

Details of each drain line tested are summarized in the attached Pressure Test Reports.

In keeping with WFS's policy, along with AMEC's own internal Health and Safety policies, AMEC's on-site employees attended daily safety meetings.

Williams Field Services
Drain Line Testing-Cedar Hill Compressor Station
Phase 3, Task 12
October 29, 2001



AMEC appreciates the opportunity to perform these services at the Cedar Hill Compressor Station for WFS. Should you have any questions, please feel free to contact our office at 327-7928.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

A handwritten signature in black ink that reads "Robert Thompson". The signature is written in a cursive, flowing style.

Robert Thompson
Project Manager

Attachments: Daily Summary of Line Testing

Copies: Addressee (3)

Hydrostatic Line Testing Form



AMEC Project Number:	1517000064	Client:	Williams Field Services
Task:	12	Facility Name:	Cedar Hill Compressor
Test Description:	Hydrostat Drain Lines		
System Description:	2 1/2" PVC from Dehys. & Compressors		
Test Medium:	Water	Test Pressure:	3 PSI
		Test Date:	9-19-01
<p>Test Requirements: Hydrostatic pressure test on all underground process/wastewater pipelines in accordance with the State of New Mexico, Energy, Minerals, and Natural Resources Department - Oil Conservation Division Best Management Practices minimum requirements. Perform a hydrostatic pressure test on underground process/wastewater pipelines at 3 pounds per square inch for a period of one hour.</p>			

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
10:03A	11:05A	96" WC	PASS	All underground Drain Lines

Review and Approvals:

AMEC Representative Signature	Bruce Hare Printed Name	9-19-01 Date
Client Representative Signature	Randy McEwen Printed Name	9-19-01 Date

OIL CONSERVATION DIV.

01 JUL 27



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

July 26, 2001

Water Management Quality Management Fund
C/O Oil Conservation Division
1220 S St. Francis Drive
Santa Fe NM 87505

Re: Discharge Plan Fee for WFS Facilities

Dear Sir or Madam:

Enclosed please find check number 1000325548 is \$5,700.00 to cover the flat fee for discharge plans on the following sites:

- Milagro Gas Plant GW-060 (\$4000.00)
- Cedar Hill CS GW-087(\$1,700.00)
-

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

Thank you,

A handwritten signature in cursive script that reads "Clara M Garcia".

Clara M Garcia
Environmental Compliance

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/24/01
or cash received on _____ in the amount of \$ 5,700.00

from Williams Field Services

for Milagro Gas Plant
Cedar Hill C.S.

GW-060
GW-087

Submitted by: [Signature] Date: 7/30/01
(Family Name) (DP No.)

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal

Modification _____ Other _____
(Optional)

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 FIELD SERVICES COMPANY
1900 South Baltimore Avenue * P.O. Box 645 * Tulsa, OK 74101-0645

10-2122-1719
W/C 9401076

DATE: 07/24/2001

PAY TO THE ORDER OF:

PAY → *****\$5,700.00

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

SANTA FE
United States

NM 87504

[Signature]

Authorized Signer

Bank One, NA
Illinois

AFFIDAVIT OF PUBLICATION

Ad No. 44470

STATE OF NEW MEXICO
County of San Juan:

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

Wednesday, May 16, 2001.

And the cost of the publication is \$134.69.

Alethia Rothlisberger

ON 5-29-01 ALETHIA ROTH LISBERGER appeared before me, whom I know personally to be the person who signed the above document.

Gummy Beck
My Commission Expires April 02, 2004

COPY OF PUBLICATION

918 Legals

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-060) - Williams Field Service, Mark J. Baretts, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Milagro Gas Plant located in the SW/4 SE/4, Section 12, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 1000 to 4000 gallons per day of process wastewater will be disposed of in open top evaporation tanks with a synthetic impervious liner and leak detection system. Groundwater most likely to be affected by an accidental discharge is at a depth of 40 feet with a total dissolved solids concentrations of 5800 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-062) - Williams Field Service, Mark J. Baretts, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Manzanares CDP compressor station located in the SE/4 SW/4, Section 28, Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per year of wastewater with a total dissolved solids concentration in excess of 2000 mg/l is stored in an above ground, bermed closed-top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 115 feet with a total dissolved solids concentrations of approximately 910 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-087) - Williams Field Service, Mark J. Baretts, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Cedar Hill CDP compressor station located in the SW/4 SW/4, Section 28, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per year of wastewater with a total dissolved solids concentration in excess of 2000 mg/l is stored in an above ground, bermed 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 160 feet with a total dissolved solids concentrations ranging from 200 to 600 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 1st day of May, 2001.

THE SANTA FE
NEW MEXICAN
Founded 1849

NEW MEXICO OIL CONSERVATION DIVISION
ATTN: ED MARTIN

AD NUMBER: 206750 ACCOUNT: 56689
LEGAL NO: 69264 P.O.#: 01199000033
305 LINES 1 time(s) at \$ 134.45
AFFIDAVITS: 5.25
TAX: 8.73
TOTAL: 148.43

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

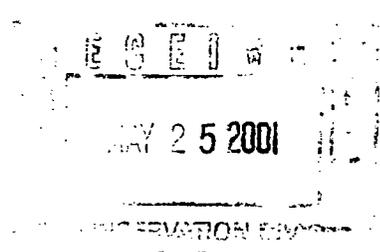
I, mmweideman being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #69264 a copy of which is hereto attached was published in said newspaper 1 day(s) between 05/18/2001 and 05/18/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 18 day of May, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ mmweideman
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
18 day of May A.D., 2001

Notary Laura E. Hardy

Commission Expires 11/23/03



**NOTICE OF
PUBLICATION**

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission (WQCC) Regulations, the following discharge plan modification application(s) has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-060) 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 Milagro Gas Plant located in the SW/4 SE/4, Section 12, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 1000 to 4000 gallons per day of process wastewater will be disposed of in open top evaporation tanks with a synthetic impervious liner and leak detection system. Groundwater most likely to be affected by an accidental discharge is at a depth of 40 feet with a total dissolved solids concentrations of 5800 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-062) 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 Manzanares CDP compressor station located in the SE/4, SW/4, Section 28, Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per year of wastewater with a total dissolved solids concentration in excess of 2000 mg/l is stored in an above ground, bermed closed-top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 115 feet with a total dissolved solids concentrations of approximately 910 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-087) 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 Cedar Hill CDP compressor station located in the SW/4 SW/4, Section 28, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 500 barrels per year of wastewater with a total dissolved solids concentration in excess of 2000 mg/l is stored in an above ground, bermed 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 160 feet with a total dissolved solids concentrations ranging from 200 to 600 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 modification 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 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 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 or disapprove the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 1st day of May, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director
Legal #69264
Pub. May 18, 2001

Ford, Jack

From: Martin, Ed
Sent: Monday, May 14, 2001 8:51 AM
To: 'Santa Fe New Mexican'
Cc: Ford, Jack; Olson, William
Subject: Legal Notices

Attn: Betsy Perner

Please publish the attached notices one time only immediately upon receipt of this request.
Upon completion of publication, please send the following to this office:

1. Publisher's affidavit
2. Invoice. Our purchase order number is **01199000033**

Please publish the notice no later than Friday, May 18, 2001.

Thank you.



Publ. Notice GW-326



Publ. Notice GW-245



Publ. Notice GW-198



Publ. Notice GW-078



Publ. Notice
GW-060,062,087

Ford, Jack

From: Martin, Ed
Sent: Monday, May 14, 2001 9:14 AM
To: 'Farmington Daily Times'
Cc: Ford, Jack
Subject: Legal Notices

Please publish the attached legal notices one time immediately upon receipt of this request.

Upon publication, please send the following to this office:

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

011990000

Please publish these notices no later than Friday, May 18, 2001

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

Thank you.



Publ. Notice

GW-060,062,087

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-060) - 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 Milagro Gas Plant located in the SW/4 SE/4, Section 12, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 1000 to 4000 gallons per day of process wastewater will be disposed of in open top evaporation tanks with a synthetic impervious liner and leak detection system. Groundwater most likely to be affected by an accidental discharge is at a depth of 40 feet with a total dissolved solids concentrations of 5800 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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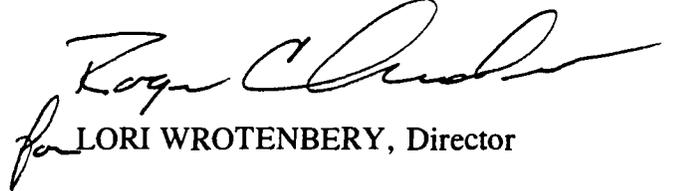
Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday 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 1st day of May, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


for LORI WROTENBERY, Director

SEAL

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999
Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

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

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

New Renewal Modification

Signature Co

1. Type: Compressor Station (Cedar Hill CDP)

2. Operator: Williams Field Services Company

Address: 188 CR 4900, Bloomfield, New Mexico 87413

Contact Person: Mark J. Baretta

Phone: (505) 632-4634

3. Location: SW/4 SW/4 Section 28 Township 32 North Range 10 West

Submit large scale topographic map showing exact location.

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

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

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

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

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

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

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

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

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

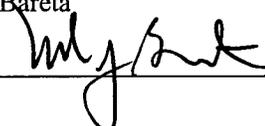
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATION

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

Name: Mark J. Baretta

Title: Senior Environmental Specialist

Signature: 

Date: 04/04/2001

DISCHARGE PLAN RENEWAL
CEDAR HILL CDP COMPRESSOR STATION
(GW- 87)

Williams Field Services Company

March 2001

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- Appendix B – NMOCD Notification of Fire, Breaks, Spills, Leaks, and Blowouts

I. TYPE OF OPERATION

The Cedar Hill CDP was built in 1991 to provide metering, compression, and dehydration services to various producers for the gathering of natural gas for treatment and delivery through Williams Field Services (WFS) La Maquina Plant.

II. LEGALLY RESPONSIBLE PARTY

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

Contact Person:

Mark J. Baretta, Senior Environmental Specialist
Phone and Address, Same as Above

III. LOCATION OF FACILITY

The Cedar Hill CDP is located in Section 28, Township 32 North, Range 10 West, in San Juan County, New Mexico, approximately 10.5 miles northeast of Aztec, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangle: Cedar Hill, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of the text.

IV. LANDOWNER

Williams Field Services is leasing the subject property from:

Virginia Uhden et al
4012 Via Opatá
Palos Verdes Estates, CA 90274

V. FACILITY DESCRIPTION

This facility is classified as a field compressor station and is unmanned. The air quality permit for this site has allowed the operation of seven 895-hp engines. In addition, there are various storage tanks, support structures and ancillary equipment. Records related to facility operations are maintained at central office locations.

6-26-5 hp

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

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

Used oil filters have been collected from representative WFS compressor stations and analyzed for TCLP Metals. The results of the analysis found that the filters did not exceed TCLP concentrations for metals. The analyses were submitted to the approved disposal facility along with the Waste Acceptance Profiles. These profiles are updated every two years or as required by the disposal facility.

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

PROCESS FLUID/WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Used Oil	Compressor	1100-1500 gal/year/engine.	Used motor oil w/no additives
Used Oil Filters	Compressor	50-100 filters/year/engine	No additives
Wash-down Water	Compressor Skid	1000-1500 gal/year/engine	Biodegradable Soap and tap water w/traces of used oil
Natural Gas Condensate	Scrubber, Gas Inlet Separator	2000-5000 bbl/year	No additives
Waste Water	Drawn of Natural Gas Condensate Tank	200-500 bbl/year	No additives
Used Process Filters	Air, Inlet and Fuel Gas	75-100/year	No additives
Empty Drums / Containers	Liquid Containers	20-40/year	No additives
Spill Residue (i.e., gravel, soil)	Incidental spills	Incident dependent	Incident dependent
Used Absorbents	Incidental spill/leak equipment wipe-down	Incident dependent	No additives

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

Wastes generated at this facility fall into two categories: exempt and non-exempt. Exempt wastes include, but may not be limited to, used process filters, condensate spill cleanups (spill residue), certain absorbents, and produced water with or without de minimus quantities of non-hazardous liquids. Non-exempt wastes include, but may not be limited to, used oil, used oil filters, and engine coolant.

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

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

Table 2 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site. The table also includes information regarding the type of container in which the waste stream will be stored, container capacity, and containment/spill prevention provisions.

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

PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tank	165 bbl	Berm	Non-exempt	May be hauled to a WFS or contactor consolidation point before transport to EPA-registered used oil marketer for recycling.
Used Oil Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Natural Gas Condensate	Above Ground Storage Tank	70 bbl	Berm	Exempt	Saleable liquids may be sold to refinery or liquid may be disposed at NMOCD- approved facility.
Waste Water/ Wash-down Water	Above Ground Storage Tank	165 bbl	Berm	Exempt	Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Used Process Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	Varies	Berm	Non -exempt	Barrels are returned to supplier or transported to a WFS or contractor consolidation point and ultimately recycled/disposed
Spill Residue (i.e., soil, gravel)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Corrosion Inhibitor	Above ground storage tank	250 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Glycol	Above ground storage tanks	500 gallons (5) 100 gallons	Berms	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Solvent	Above ground storage tank	500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Above ground storage tank	500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above ground storage tanks	100 bbl (7) 500 gallons	Berms	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

VIII. STORM WATER PLAN

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

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

Site Assessment and Facility Controls

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

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

Best Management Practices

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

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

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

IX. INSPECTION, MAINTENANCE AND REPORTING

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

In the event of a release of a reportable quantity, the operator reports the release to WFS Gas Control who immediately notifies the WFS Environmental Affairs Department. WFS Environmental Affairs then reports the release to the appropriate agencies.

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

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

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

XI. SITE CHARACTERISTICS

The Cedar Hill CDP is located approximately 10.5 miles northeast of Aztec, New Mexico. The site elevation is approximately 6,050 feet above mean sea level. The natural ground surface topography slopes downward toward the south. The maximum relief over the site is approximately 15 feet. Intermittent flow from the site will follow natural drainage to the south towards an unnamed drainage.

The nearest down-gradient perennial source of surface water is the Animas River located approximately 1.3 miles south of the site, at an elevation of approximately 5,800 feet.

A review of the available hydrologic data^{1,2,3} for this area revealed that there are no water wells within a 1/4-mile radius of Cedar Hill CDP. The Nacimiento Formation is the water-bearing unit underlying the site. This formation consists of a sequence of interbedded sandstone and mudstone. The estimated ground water depth at the site is 200 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 parts per million.

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

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

References

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

²Records of Water Wells in San Juan County, 1978-1983.

³Online Well Reports and Downloads, New Mexico Office of the State Engineer, 2001.

XII. FACILITY CLOSURE PLAN

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

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

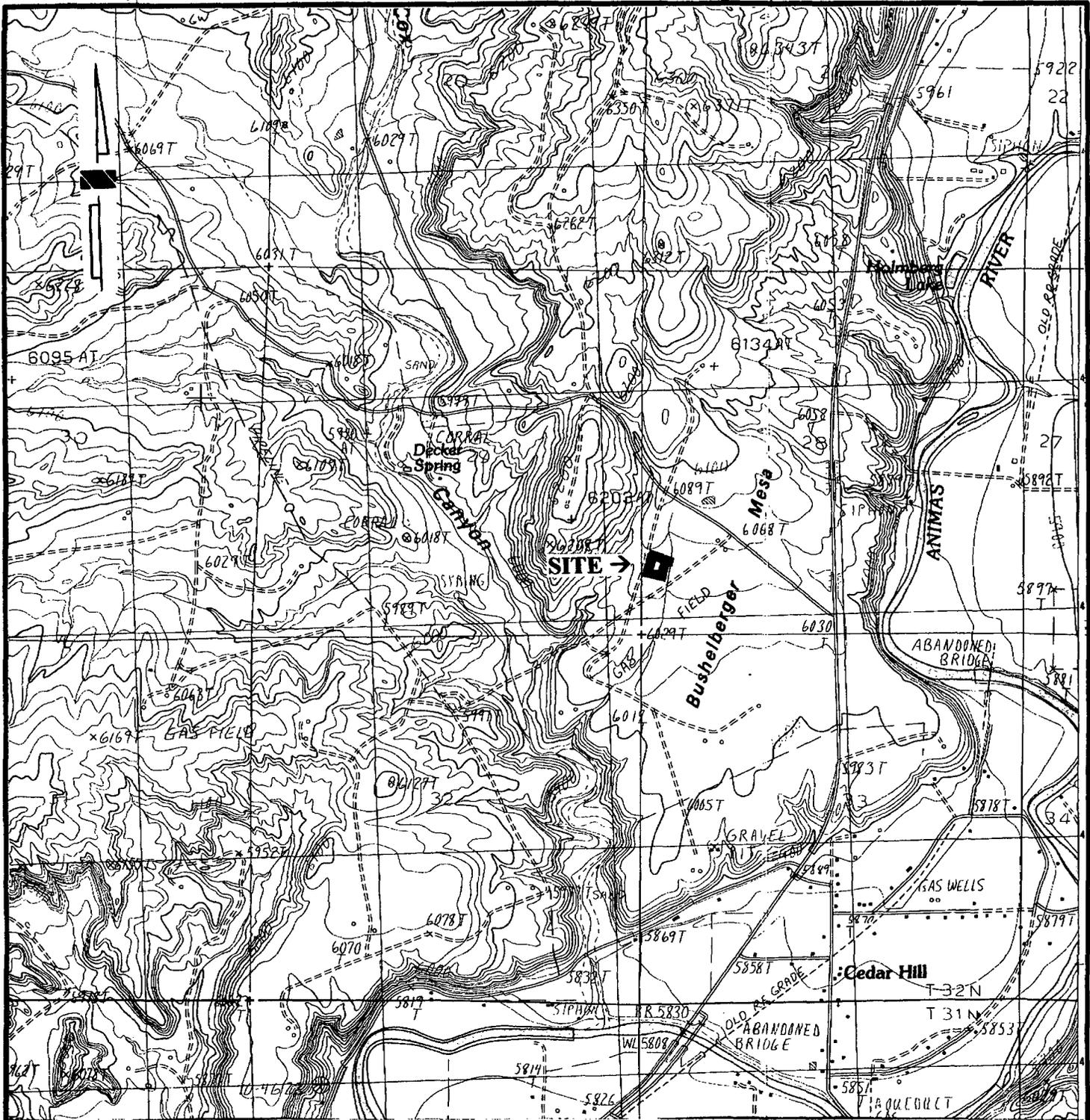
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN



Source: USGS Cedar Hill Quadrangle, New Mexico

Scale: 1" = 2,000'



Figure 1 Site Vicinity / Topographic Map

Cedar Hill CDP

Section 28, Township 32N Range 10W

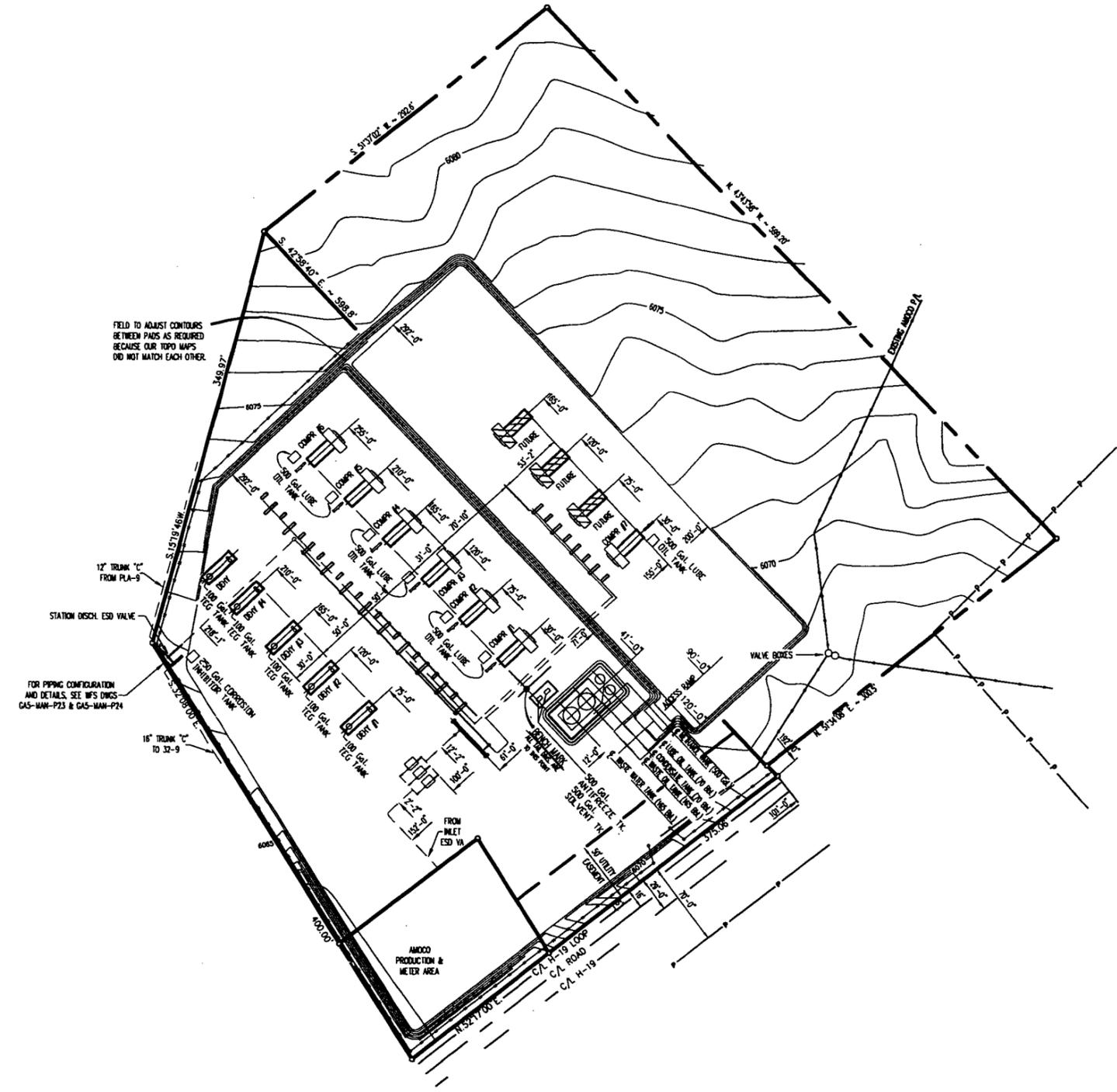
San Juan County, New Mexico

Subject or Title:

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS

OPERATIONS		
Manual	CEDAR HILL COMPRESSOR DELIVERY POINT	
Section	SPILL PREVENTION CONTROL	Document No. 42.13.001
Effective Date	12-10-98	Issue No. 01 Page No. 5 of 8



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<table border="1"> <tr> <td>DRAFTING BY</td> <td>DATE</td> <td>STATE: NEW MEXICO</td> <td rowspan="2"> WILLIAMS FIELD SERVICES <small>ONE OF THE WILLIAMS COMPANIES</small> </td> </tr> <tr> <td>DRAWN BY</td> <td>PHM</td> <td>12-10-98</td> <td>COUNTY: SAN JUAN</td> </tr> <tr> <td>CHECKED BY</td> <td></td> <td></td> <td rowspan="2"> CEDAR HILL COMPRESSOR DELIVERY POINT SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN PLOT PLAN </td> </tr> <tr> <td>APPROVED BY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ENGINEER BY</td> <td>DATE</td> <td></td> <td>SCALE: 1" = 100'</td> </tr> <tr> <td>DESIGNED BY</td> <td></td> <td></td> <td>DWG NO. CED-1-P8</td> </tr> <tr> <td>PROJ. APPROVED</td> <td></td> <td></td> <td>SCALE: 1" = 100' V.D. NO. 98408</td> </tr> </table>										DRAFTING BY	DATE	STATE: NEW MEXICO	WILLIAMS FIELD SERVICES <small>ONE OF THE WILLIAMS COMPANIES</small>	DRAWN BY	PHM	12-10-98	COUNTY: SAN JUAN	CHECKED BY			CEDAR HILL COMPRESSOR DELIVERY POINT SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN PLOT PLAN	APPROVED BY				ENGINEER BY	DATE		SCALE: 1" = 100'	DESIGNED BY			DWG NO. CED-1-P8	PROJ. APPROVED			SCALE: 1" = 100' V.D. NO. 98408	<table border="1"> <tr> <th>DRAWING NO.</th> <th>TITLE</th> <th>DRAWING NO.</th> <th>TITLE</th> <th>DRAWING NO.</th> <th>TITLE</th> <th>DRAWING NO.</th> <th>TITLE</th> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>V.D.NL</th> <th>CHK.</th> <th>APP.</th> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>V.D.NL</th> <th>CHK.</th> <th>APP.</th> </tr> <tr> <td colspan="2">REFERENCE DRAWINGS</td> <td colspan="2">REFERENCE DRAWINGS</td> <td colspan="18">REVISIONS</td> </tr> </table>										DRAWING NO.	TITLE	NO.	DATE	BY	DESCRIPTION	V.D.NL	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	V.D.NL	CHK.	APP.	REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS																							
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REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS																																																																																							

APPENDIX A

SPILL CONTROL PROCEDURES

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

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 Hit "CTRL-F" to find text on this page.

▶ **Document History (ISO9001)**

▼ **Document Body**

1.0 PURPOSE AND SCOPE

- 1.1 To establish the policy and procedure for preventing, controlling and reporting of discharges or spills of oil or hazardous substances to the environment in accordance with Company practices and federal, state and local requirements, including Title 40 of the Code of Federal Regulations - Part 112 (Oil Pollution Prevention).
- 1.2 This document pertains to Company personnel, Company and non-company facilities. The spill prevention and control requirements in this Policy and Procedure are Federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary application of the standards; however, variations from the standards should be approved by the responsible Director.

2.0 CONTENTS

3.0 POLICY

3.1 GENERAL

- 3.1.1 All Company facilities which could discharge or spill, oil or hazardous substances which may affect natural resources or present an imminent and substantial danger to the public health or welfare including, but not limited to, fish, shellfish, wildlife, shorelines and beaches are subject to the provisions of this document.
- 3.1.2 Oil, for purpose of this document, means oil of any kind or in any form, including but not limited to petroleum hydrocarbon, fuel oil, Y grade, natural gas liquids, condensate, mixed products, sludge, oil refuse and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) is not considered to be oil.
- 3.1.3 Hazardous Substance, for purposes of this procedure, is defined as any chemical or

material that has or should have a Material Safety Data Sheet (MSDS); however, hazardous substances are further defined by the following environmental statutes:

- a. Section 101(N) and Section 102 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)
- b. Section 307(a) and Section 311(b)(2)(A) of the Clean Water Act
- c. Section 3001 of the Solid Waste Act (excluding items suspended by Congress)
- d. Section 112 of the Clean Air Act
- e. Section 7 of the Toxic Substance Control Act

- 3.1.4 The term hazardous substance does not include petroleum hydrocarbon, including crude oil or any fraction thereof and the term does not include natural gas, natural gas liquids (including condensate), liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
- 3.1.5 Facilities which could discharge or spill, oil or hazardous substances into a watercourse must comply with the applicable federal, state or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake or standing body of water capable of collecting or transporting an oil or hazardous substance.
- 3.1.6 Facilities which are subject to the requirements stated in this policy are as follows:
- a. Non-Transportation Related Facilities
 - (1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.
 - (2) Underground storage facilities having a total capacity in excess of 42,000 gallons.
 - b. Transportation Related Facilities
 - (1) All vehicles, pipeline facilities, loading/unloading facilities and other mobile facilities which transport oil or hazardous substances.
- 3.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all oil and hazardous substance storage vessels (as defined in a.(1) above) at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.
- 3.1.8 The facility superintendent is responsible for spill prevention. His/her duties include,

but are not limited to, the following:

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

b. Conduct annual briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.

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

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

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

b. All tank batteries should, as far as practicable, have a secondary means of containment for the entire contents of the largest single tank plus sufficient freeboard in the containment facility to allow for precipitation.

c. An annual monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes annual inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

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

3.2 BULK STORAGE TANKS

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

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

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

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

3.3 FACILITY DRAINAGE

3.3.1 Make provisions for drainage from diked storage areas where necessary in areas with high precipitation levels. Drainage from diked areas should be restrained by valves or other means to prevent a discharge or spill. Diked areas should be emptied by pumps or ejectors which are manually activated. Valves used for the drainage of diked areas should be of manual, open-and-closed design.

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

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

3.3.4 The principal means of containing discharges or spills is the use of dikes which are constructed wherever regulated quantities of oil or hazardous substances have the potential of reaching a watercourse. The construction of dikes must meet the following requirements:

a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for precipitation or displacement by foreign materials.

b. Small dikes for temporary containment are constructed at valves where potential leaking of oil or hazardous substances may occur.

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

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

3.3.5

a. Berms or retaining walls

b. Curbing

c. Culverting, gutters or other drainage systems

d. Weirs, booms or other barriers

e. Spill diversion ponds or retention ponds

f. Sorbent materials

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

3.4.1 Aboveground valves and pipelines should be examined regularly by operating

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

3.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

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

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

4.0 PROCEDURE

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

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

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

1. Release reaches or may reach surface water: (pond, lake, wash or ground water)
2. Release leaves Williams property
3. Release is of questionable nature (i.e., unknown product, unknown hazards)

II. Onsite Releases of Certain Common Industrial Materials Above 10 Gallon Threshold Are Reportable.

Releases that do not migrate off-site or reach surface water may require reporting as well. All releases of 10 gallons or greater of the following materials should be contained and promptly reported to Gas Control:

- Ammonia
- Antifreeze
- Amine

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

III. Releases of Certain Other Materials Reportable:

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

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

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

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

4.1.2 Contacts Gas Control immediately by telephone and provides the following information:

- a. Name of company facility and/or location of facility and nature of discharge or spill
- b. Description and quantity of emission or substance discharged
- c. Description of the circumstances causing the discharge or spill
- d. Name, title and telephone number of person initially reporting the discharge or spill and person reporting to Gas Control
- e. Action taken or being taken to mitigate and correct discharge or spill
- f. Water bodies or streams involved
- g. Time and duration of discharge or spill

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

Gas Control Personnel

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

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

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

Facility Superintendent

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

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

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

Environmental Affairs

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

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

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

4.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL
Facility Superintendent or Designee

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

- a. Time and date of discharge or spill
- b. Facility name and location
- c. Type of material spilled
- d. Quantity of material spilled

e. Area affected

f. Cause of spill

g. Special circumstances

h. Corrective measures taken

i. Description of repairs made

j. Preventative measures taken to prevent recurrence.

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

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

**ATTACHMENT A
DISCHARGE OR SPILL CONTAINMENT PROCEDURES AND MATERIALS**

TYPE OF FACILITY WHERE THE DISCHARGE OR SPILL OCCURS	CONTAINMENT PROCEDURES	MATERIALS USED FOR CONTAINMENT
A. Oil Pipeline (as defined in C.1.4)	1. Closes appropriate block valves. 2. Contains Discharge or spill by: Ditching covering, applying sorbents, constructing an earthen dam or burning. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.	1. Straw 2. Loose Earth 3. Oil Sorbent 3M Brand 4. Plain Wood chips 5. Sorb-Oil Chips Banta Co. 6. Sorb-Oil Swabs Banta Co. 7. Sorb-Oil Mats Banta Co. 8. Or Equivalent Materials
B. Vehicle	1. Contains discharge or spill by: ditching, covering surface with dirt, constructing earthen dams, apply sorbents or burning. 2. Notifies immediately Environmental Affairs and if there is any imminent danger to local residents; notifies immediately the highway patrol or local police officials.	

3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.

Note: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.

C. Bulk Storage Tanks or any other Facilities

1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam or burning.

2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.

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APPENDIX B

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

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company		Contact
Address		Telephone No.
Facility Name		Facility Type
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

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

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
Describe Area Affected and Cleanup Action Taken.*		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature:		OIL CONSERVATION DIVISION
Printed Name:		
Title:	Approved by District Supervisor:	
Date:	Approval Date:	Expiration Date:
Phone:	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 4/5/01
or cash received on _____ in the amount of \$ 500.00
from Williams Field Services
for Manzanares C.S. - 9W-062 Milagro G.P. GW-060 5-Points C.S. - 9W-078
Cedar Hill GS - 6W-087 29-6*3 CS - 6W-198

Submitted by: [Signature] Date: 5/1/01
Submitted to ASD by: _____ Date: _____
Received in ASD by: _____ Date: _____

Filing Fee New Facility _____ Renewal _____
Modification _____ Other _____
(appendix)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.
Full Payment or Annual Increment _____

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

Williams WILLIAMS FIELD SERVICES COMPANY 70-2322/719
1800 South Baltimore Avenue * P.O. Box 645 * Tuisa, OK 74101-0645 A/C 9401076

DATE: 04/05/2001

PAY TO THE ORDER OF: NEW MEXICO OIL CONSERVATION DI
NM WATER QUALITY MGMT FUND
2040 S PACHECO

SANTA FE NM 87504
United States
Bank One, NA
Illinois

PAY → *****\$500.00

[Signature]
Authorized Signer

MA1353 (10/96)

[REDACTED]



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

April 26, 2001

APR 30 2001

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

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

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application and check number 1000267866 for \$500.00 to cover the filing fee for the following Williams Field Services (WFS) Compressor Stations:

- Manzanares CDP Compressor Station - GW-062
- Milagro Plant - GW-060
- 5-Points Compressor Station - GW-078
- Cedar Hill CDP - GW-087
- 29-6#3 CDP Compressor Station - GW-178

Also, we would like this to serve as a notice that the compression, dehydration and storage tanks at the Hart Mountain and Trunk G sites have been removed. Therefore, GW208 and GW229, respectively, will not need to be renewed. Although equipment has been removed from service, the site is part of the pipeline right-of-way and is still in use. Upon site closure, the closure plan will be implemented.

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

Thank you,

Clara M Garcia
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

February 9, 2001

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 0074

Ms. Clara M. Garcia
Williams Field Services
188 CR 4900
Bloomfield, New Mexico 87413

RE: Discharge Plan Renewal Notice for Williams Field Services Facilities

Dear Ms. Garcia:

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

GW-060 expires 3/21/2001 – Milagro Compressor Station
GW-233 expires 4/1/2001 – La Jara Compressor Station
GW-061 expires 6/6/2001 – Horse Canyon Compressor Station
GW-062 expires 6/6/2001 – Manzanares Compressor Station
GW-063 expires 6/6/2001 – Pump Mesa Compressor Station
GW-064 expires 6/6/2001 – Middle Mesa Compressor Station
GW-079 expires 6/21/2001 – Wild Horse Compressor Station
GW-078 expires 6/21/2001 - 5-Points Compressor Station
GW-250 expires 8/9/2001 – Coyote Springs Compressor Station
GW-249 expires 8/9/2001 – Trunk B Booster Compressor Station
GW-248 expires 8/9/2001 – Trunk A Booster Compressor Station
GW-257 expires 9/18/2001 – Trunk C Compressor Station
GW-256 expires 9/18/2001 – Koch-Gardner Compressor Station
GW-087 expires 11/27/2001 – Cedar Hill Compressor Station
GW-271 expires 12/17/2001 – Kernaghan Compressor Station
GW-274 expires 12/17/2001 – Pritchard Straddle Compressor Station
GW-273 expires 12/17/2001 – Moore Compressor Station
GW-272 expires 12/17/2001 – Kernaghan B-8 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 20NMAC 6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$100.00. After January 15, 2001 renewal discharge plans require a flat fee equal to the flat fee schedule for gas processing facilities pursuant to revised WQCC Regulations 20NMAC 6.2.3114. A copy of the revised fee schedule is included for your assistance. The \$100.00 filing fee is to be submitted with each discharge plan renewal application and is nonrefundable.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office. Please submit the original discharge plan renewal application and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** A complete copy of the regulations is also available on NMED's website at www.nmenv.state.nm.us.

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. Jack Ford at (505) 476-3489.

Sincerely,



Roger C. Anderson
Oil Conservation Division

cc: OCD Aztec District Office

**ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 4/4/96,
 or cash received on _____ in the amount of \$ 690.00
 from Williams Field Services
 for Cedar Hill CDP BW-087

Submitted by: _____ Date: _____
 Submitted to ASD by: R. Chander Date: 5/9/96
 Received in ASD by: M. Dwyer Date: 5-20-96

Filing Fee _____ New Facility _____ Renewal
 Modification _____ Other _____

Organization Code 521.07 Applicable FY 96

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

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

DATE	CHECK NO.	NET AMOUNT
04/04/96	[REDACTED]	690.00

BY _____
 HUNDRED NINETY AND 00/100-----

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

Williams Field Services Company
John Campbell
 VICE PRESIDENT
 AUTHORIZED REPRESENTATIVE



Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT

04/04/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
31996	DISCHARGE PLAN GW-	03/19/96	690.00	0.00	690.00
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES



RECEIVED
OIL CONSERVATION
DIVISION
REC'D

1996 APR 11 10 08 52

P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7033
FAX: (801) 584-6483

April 4, 1996

Mr. Chris Eustice
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Re: Discharge Plan Renewal Fee for Cedar Hill CDP - San Juan
County

Dear Mr. Eustice:

Enclosed please find a check for \$690 to cover the Discharge Plan
Renewal for Williams Field Services' Cedar Hill CDP Compressor
Station located in San Juan County, New Mexico. Also enclosed,
please find one signed copy of the conditions of approval for your
records.

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

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust, OCD District III Office (letter and enclosure)

Ms. Leigh Gooding
Williams Field Services
Page 3
March 19, 1996

ATTACHMENT TO DISCHARGE PLAN GW-87 RENEWAL
Williams Field Services - Cedar Hill Compressor Station
DISCHARGE PLAN REQUIREMENTS
(March 19, 1996)

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 Field Services Commitments:** Williams Field Services will abide by all commitments submitted in the Renewal Application letter dated January 25, 1996 as well as the Discharge Plan Approval from OCD dated November 27, 1991, and this Discharge Plan Renewal Approval from OCD dated March 19, 1996.
3. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.
4. **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.
5. **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.
6. **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.
7. **Tank Labeling:** All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

Ms. Leigh Gooding
Williams Field Services
Page 4
March 19, 1996

8. **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 that do not have secondary containment and leak detection 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 /or sumps.

9. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies 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.

10. **Housekeeping:** All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure.

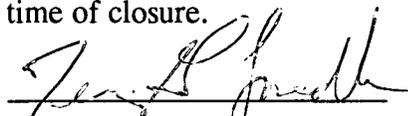
Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

11. **Spill Reporting:** All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the Aztec OCD District Office at (505)-334-6178.

12. **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.

13. **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.

14. **Conditions accepted by:**


Company Representative

4-1-96
Date

RECEIVED

APR 24 1996

Environmental Bureau
Oil Conservation Division

TERRY G. SPRADLIN
MANAGER - ENVIRONMENTAL
HEALTH & SAFETY

AFFIDAVIT OF PUBLICATION

No. 35886

COPY OF PUBLICATION

STATE OF NEW MEXICO
County of San Juan:

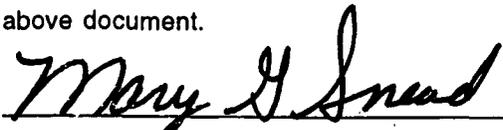
ROBERT LOVETT being duly sworn says: That he is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES,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

Monday, February 12, 1996

and the cost of publication is: \$88.99



On 2/11/96 ROBERT LOVETT
appeared before me, whom I know
personally to be the person who signed the
above document.



My Commission Expires March 21, 1998

Legals

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 renewal and modification applications have been submitted to the Director of the Oil Conservation Division, 2040 S. Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827 7131:

(GW-87) - Williams Field Services Company, Leigh Gooding, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a Discharge Plan Renewal Application for the Cedar Hill C.D.P. Compressor Station located in the SW/4 SW/4 Section 28, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of process wastewater with a total dissolved solids concentration of approximately 3600 mg/l is stored in above ground, closed top steel tanks prior to transportation to an OCD approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration of 600 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges will be managed.

(GW-155) - Williams Field Services Company, Leigh Gooding, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted an application to modify their existing discharge plan for the Aztec C.D.P. Compressor Station located in the SW/4 SW/4 Section 8, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 3 gallons per day of process wastewater with a total dissolved solids concentration of approximately 5000 mg/l is stored in above ground, closed top steel tanks prior to transportation to an OCD approved offsite disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 380 feet with a total dissolved solids concentration of 3150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges will be managed.

(GW-67) - Bull Dog Tool Company, Inc., Barry Antwell, Manager, 2807 W. County Road, Hobbs, New Mexico 88240, has submitted a Discharge Plan Renewal Application for their Hobbs service facility location in the NE/4 SW/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per day of wastewater from washing operations are stored in an above ground, closed top storage tank prior to disposal at an offsite OCD approved disposal facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge is at a depth of approximately 65 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks, and accidental discharges will be managed.

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

person. Requests for a public hearing shall set forth the reasons why a hearing 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.

The Santa Fe New Mexican

Since 1849. We Read You.

NEW MEXICO OIL CONSERVATION
ATTN: SALLY MARTINRZ
P.O. BOX 6429
SANTA FE, N.M. 87505-6429

AD NUMBER: 466637

ACCOUNT: 56689

LEGAL NO: 59058

P.O. #: 96199002997

262 LINES once at \$ 104.80

Affidavits: 5.25

Tax: 6.88

Total: \$ 116.93

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a News paper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 59058 a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 9th day of FEBRUARY 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/

Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 9th day of FEBRUARY A.D., 1996



OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC - STATE OF NEW MEXICO

My Commission Expires: 9/29/99
Candace C. Ruiz

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

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will be managed.

(GW-67) - Bull Dog Tool Company, Inc., Barry Antwell, Manager, 2807 W. County Road, Hobbs, New Mexico 88240, has submitted a Discharge Plan Renewal Application for their Hobbs service facility located in the NE/4 SW/4 of Section 20, Township 18 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 50 gallons per day of wastewater from washing operations are stored in an above ground, closed top storage tank prior to disposal at an offsite OCD approved disposal facility. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 700 mg/l. The discharge plan addresses how spills, leaks and accidental discharges will be managed.

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If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the 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 30th of January, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director
Legal #59058
Pub. February 9, 1996

NOTICE OF PUBLICATION

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

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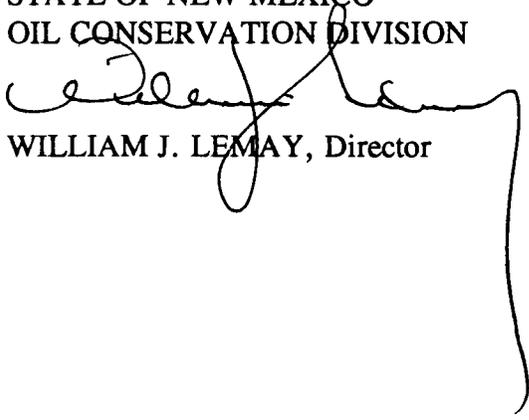
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If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the discharge plan application and information presented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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of January, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

SEAL

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 1/23/96
or cash received on _____ in the amount of \$ 50.00
from Williams Field Svc
for Cedar Hill CDP GW-87

Submitted by: _____ Date: _____
(Facility Name) (DP No.)

Submitted to ASD by: R Anderson Date: 3/25/96

Received in ASD by: Angela Herrera Date: 3-29-96

Filing Fee New Facility _____ Renewal _____
Modification _____ Other _____
(Specify)

Organization Code 521.07 Applicable FY 96

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
01/23/96	[REDACTED]	50.00

PAY
FIFTY AND 00/100-----

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
P. O. BOX 26110
SANTA FE NM 87505

Williams Field Services Company
Jim Campbell
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE



Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT

01/23/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
120195	DISCHARGE PLAN REN	12/01/95	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

WILLIAMS FIELD SERVICES 
ONE OF THE WILLIAMS COMPANIES

P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7033
FAX: (801) 584-6483

January 25, 1996

RECEIVED

JAN 30 1996

Mr. Chris Eustice
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Environmental Bureau
Oil Conservation Division

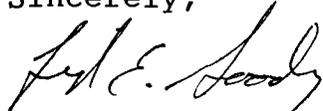
Re: Discharge Plan Renewal for Cedar Hill CDP - San Juan County

Dear Mr. Eustice:

Enclosed please find two copies of the Discharge Plan Renewal for Williams Field Services' Cedar Hill CDP Compressor Station located in San Juan County, New Mexico. Also enclosed, please find a check for \$50.00, payable to the New Mexico Water Quality Management Fund, to cover the application fee for the above referenced project.

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

Sincerely,



Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust, OCD District III Office (letter and enclosure)



P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7033
FAX: (801) 584-6483

RECEIVED

JAN 30 1996

January 25, 1996

Mr. Chris Eustice
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87504

Environmental Bureau
Oil Conservation Division

Re: Discharge Plan Renewal for Cedar Hill CDP - San Juan County

Dear Mr. Eustice:

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Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust, OCD District III Office (letter and enclosure)

RECEIVED

JAN 3 0 1996

Environmental Bureau
Oil Conservation Division

DISCHARGE PLAN RENEWAL

**MANZANARES GATHERING SYSTEM
CEDAR HILL C.D.P. COMPRESSOR STATION**

Williams Field Services Company

January 1996

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 12/1/95

Submit Original
Plus 1 Copies
to Santa Fe
1 Copy to appropriate
District Office

DISCHARGE PLAN APPLICATION

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

New

Renewal

Modification

1. Type: Cedar Hill C.D.P. Compressor Station
2. Operator: Williams Field Services
Address: 295 Chipeta Way P.O. Box 58900 Salt Lake City Ut. 84158
Contact Person: Leigh Gooding Phone: (801) 584-6543
3. Location: SW /4 SW /4 Section 28 Township 32N Range 10W
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

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

NAME: Terry G. Spradlin Title: Manager Env. Health & Safety

Signature:  Date: 1-12-96

I. TYPE OF OPERATION

The Cedar Hill CDP Compressor Station provides metering, dehydration and compression services to various producers for the gathering of coal seam natural gas on a contract basis for ultimate delivery through Williams Field Services (WFS) Milagro Plant in Bloomfield, New Mexico.

II. LEGALLY RESPONSIBLE PARTY

Williams Field Services
295 Chipeta Way
P.O. Box 58900, M.S. 2G1
Salt Lake City, Utah 84158-0900
(801) 584-6543

Contact Person:

Ms. Leigh E. Gooding, Environmental Specialist
Phone and Address, Same as Above

III. LOCATION OF DISCHARGE

The Cedar Hill CDP Compressor Station is located in the SW/4 of the SW/4 of Section 28, Township 32 North, Range 10 West, in San Juan County, New Mexico. A Site Location map is attached (USGS 7.5 Min. Quadrangle: Cedar Hill, New Mexico-Colorado) as Figure 1. The site for this Compressor Station will be expanded to 7.86 acres. The site boundary survey (original and expansion) is provided in Figure 2. The facility layout is presented in Figure 3.

IV. LANDOWNER

Williams Field Services is leasing the subject property from:

Ms. Virginia P. Uhden
4012 Via Opata
Palos Verdes, CA 90274
(213) 375-8090

V. FACILITY DESCRIPTION

Four (4) additional Waukesah 7042 GL natural gas reciprocating engines, site rated at 1,386 horsepower (hp) each will be added to the existing six (6) Waukesha 7042 GL engines. The existing engines will be upgraded from 895 hp to 1,386 hp. The units are skid-mounted and self contained. Two additional P&A 20 MMSCFD natural-gas dehydrators will also be added to the existing one (1) Enertek 10 MMSCFD dehydrator and four (4) P&A 10 MMSCFD dehydrators. All dehydrator units are be skid-mounted and self contained. This facility is classified as a field compressor station; consequently, there are no formal office or other support facilities not essential to field compression.

VI. SOURCES, QUANTITIES AND QUALITY OF EFFLUENTS AND WASTE SOLIDS

The sources, quantities and quality of effluent and waste solids generated at the compressor station are summarized in Table 1. Material Safety Data Sheets for glycol and oil used in the equipment were previously provided to New Mexico Oil Conservation Division (NMOCD) by WFS. For reference, representative samples of washdown wastewater and used motor oil have previously been collected this compressor station and analyzed for the parameters listed below.

<u>Sample</u>	<u>Parameters</u>
Washdown Wastewater	pH, TDS, TOX, TPH, BETX, As, Ba, Cd, Cr, Pb, Hg, Se, Ag.
Used Motor Oil	As, Cd, Cr, Pb, TOX, Flash Point

The results of previous tests conducted on similar waste streams showed that the washdown water did not exhibit any of the hazardous characteristics and used motor oil was suitable for recycling (Appendix A). Additional Chemicals listed in WQCC 1-101.ZZ and 3-103 are not expected to be present in any process fluids or in the conventional gas transported at the Cedar Hill CDP Compressor Station.

Used oil filters and glycol filters have been collected from representative WFS compressor stations and analyzed for TCLP Metals. The results of the analysis found that the filters did not exceed TCLP concentrations for metals. The analyses were submitted to the San Juan County Regional Landfill along with the Waste Acceptance Profiles. These profiles are updated every two years or as required by the landfill.

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

Used motor oil is collected in a closed-piping system to a common above-ground storage tank and transported by an EPA-registered used oil marketer (D&D Oil, EPA ID# NMD986682102).

All liquids from the gas-inlet separator and dehydrator separators is collected separately in a 70-barrel above-ground condensate storage tank. The tank is gauged every two weeks and the liquids are transported to Basin Disposal. Washdown wastewater from engine deck plates is collected in a closed piping system directly to a 165-bbl above-ground wastewater storage tank. The water is transported to an OCD-approved surface disposal facility.

Used glycol filters and used oil filers are drained, stored in 50-gallon plastic drums, and transported by Waste Management of Four Corners to the San Juan County Regional Landfill.

VIII. EFFLUENT AND WASTE SOLIDS DISPOSAL

Exempt and non-exempt wastes are managed separately. Only exempt wastes are disposed down Class II injection wells. Non-exempt wastes are characterized for hazardous constituents.

- Used motor oil is recycled by an EPA-registered used oil marketer (D&D Oil, EPA ID# NMD986682102).
- Natural gas liquids from the gas-inlet separator and dehydrator separator is disposed at Basin Disposal.
- Washdown water has been shown to be non-hazardous and as such, is disposed at an NMOCD-approved surface disposal facility.
- Porta-pottys present at this facility are serviced under a contract requiring proper sewage disposal in accordance with applicable laws and regulations.
- Used glycol filters and used oil filers are disposed at the San Juan County Regional Landfill. Current Waste Acceptance Profiles are on file at the landfill for both filter types.

TABLE 1
SOURCES, QUANTITIES AND QUALITY OF EFFLUENT AND WASTE SOLIDS
CEDAR HILL CDP COMPRESSOR STATION

PROCESS FLUID/WASTE	SOURCES	QUANTITY	QUALITY	RCRA STATUS	DISPOSITION
Used Oil	Compressors	1,200 gal/yr	Used motor oil w/no additives	Non-Exempt	Collected separately in a 165-bbl AST. Transported to D&D Oil for recycling.
Natural Gas Liquids	Gas Inlet Separator Dehydrators	2,900 gal/yr	No additives	Exempt	Collected separately in a 70-bbl AST. Transported to Basin Disposal.
Washdown Water	Compressor and Glycol Dehydrator	7,200 gal/yr	Soap and tap water w/traces of used oil and triethylene glycol	Non-Exempt	Collected in a 165-bbl AST. Transported to NMOCD-approved surface disposal facility for disposal.
Oil Filters	Compressor	84/yr	No additives	Non-Exempt	Drained and placed in 55-gallon plastic drums. Transported to the San Juan County Landfill for disposal.
Glycol Filters	Glycol Dehydrator	20/yr	No additives	Exempt	Drained and placed in 55-gallon plastic drums. Transported to the San Juan County Landfill for disposal.

IX. INSPECTION, MAINTENANCE AND REPORTING

Production Operators, Incorporated (POI) is under contract to operate and maintain the compression unit at the facility. WFS's Manzanares Gathering District operates the dehydration units. The facility is inspected several times per week at a minimum and a POI operator is on call 24 hours per day, 7 days per week, 52 weeks per year. The facility is remotely monitored for equipment malfunctions. POI must comply with WFS' spill response procedures. In the event of a release of a reportable quantity, POI will immediately notify WFS' Environmental Service Department and WFS will report the release to NMOCD. The below-grade wastewater tank is monitored monthly for leak detection.

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

For overflow containment, lube oil 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 is 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 will also be provided around the tank loading valves. Surface runoff within the site is diverted around facility processes into the natural drainage path to the southwest.

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

WFS 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 are reported to the NMOCD pursuant to NMOCD Rule 116 and WQCC 1-203 using the NMOCD form (see Appendix C).

XI. SITE CHARACTERISTICS

The Cedar Hill CDP Compressor Station is located in the SW/4 of SW/4 of Section 28, Township 32 North, Range 10 West, San Juan County, approximately two (2) miles north/north west of Cedar Hill, New Mexico. The site elevation is approximately 6,065 feet above mean sea level. The undeveloped site is covered by sagebrush, crested wheat grass, and native grasses.

Hydrologic Features: The site is located on Bushelberger Mesa and underlain by silty clays over sandstones and shales of the Animas Formation. Surface runoff from the area surrounding the site is diverted around the yard and to the southwest. Runoff continues to an ephemeral tributary to the Cox Canyon drainage approximately one mile upstream from the confluence with the Animas River.

A review of the available hydrologic data¹ for this area revealed that the closest documented source of ground water downgradient from the subject site are the alluvial deposits associated with the Animas River Valley approximately 2,000 feet southwest of the site. Ground water within these alluvial deposits is expected to have a total dissolved solids (TDS) concentration of approximately 600 mg/l. The depth to groundwater is approximately 160 feet below ground surface. Private wells in the alluvium service residents of Cedar Hill, within one half mile of the site. Decker Spring is approximately 2/3 of a mile northwest and upgradient of the site.

Flood Protection: Stormwater runoff from the area surrounding the site is diverted around the facility into the natural drainage path.

XII FACILITY CLOSURE PLAN

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

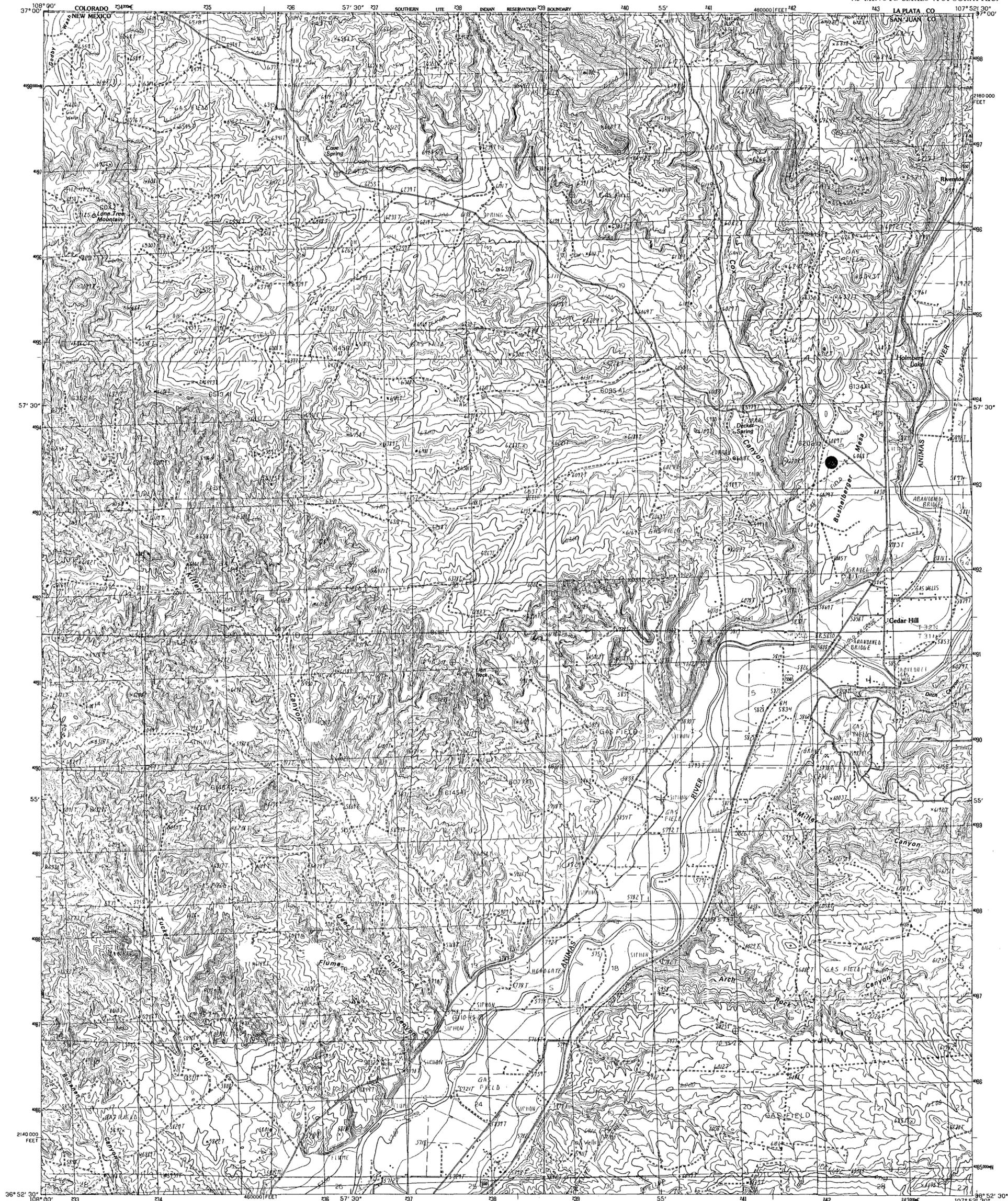
Generally, closure measures will include removal or closure in place of all underground piping and equipment. All tanks will be emptied. No potentially toxic materials or effluents will remain on the site. All potentially toxic pollutants will be inspected. Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

¹ Klausung, 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.

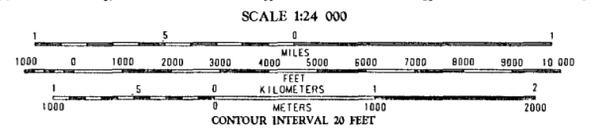
Stone, W.J., F.P. Lyford, P.F. Frenzel, N.H. Mizel, E.P. Padgett, "Hydrogeology and Water Resources of San Juan Basin, New Mexico", Hydrologic Report 6, New Mexico Bureau of Mines & Mineral Resources, 1983.

FIGURE 1
SITE LOCATION MAP



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY CONTROL BY THE UNITED STATES GEOLOGICAL SURVEY COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1961 FIELD CHECKED 1981 MAP EDITED 1985 PROJECTION TRANSVERSE MERCATOR GRID 800-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 11 ROAD-FOOT STATE GRID TICKS NEW MEXICO WEST ZONE COLORADO SOUTH ZONE UTM GRID DECLINATION 1°40' WEST 1983 MAGNETIC NORTH DECLINATION 12° EAST VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929 HORIZONTAL DATUM 1927 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 56 meters east) There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map All marginal data and lettering generated and positioned by automated type placement procedures

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check.



ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U.S. Route
- State Route

QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING 7.5 QUADRANGLE NAMES

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1985

CEDAR HILL, N. MEX.-COLO.
PROVISIONAL EDITION 1985

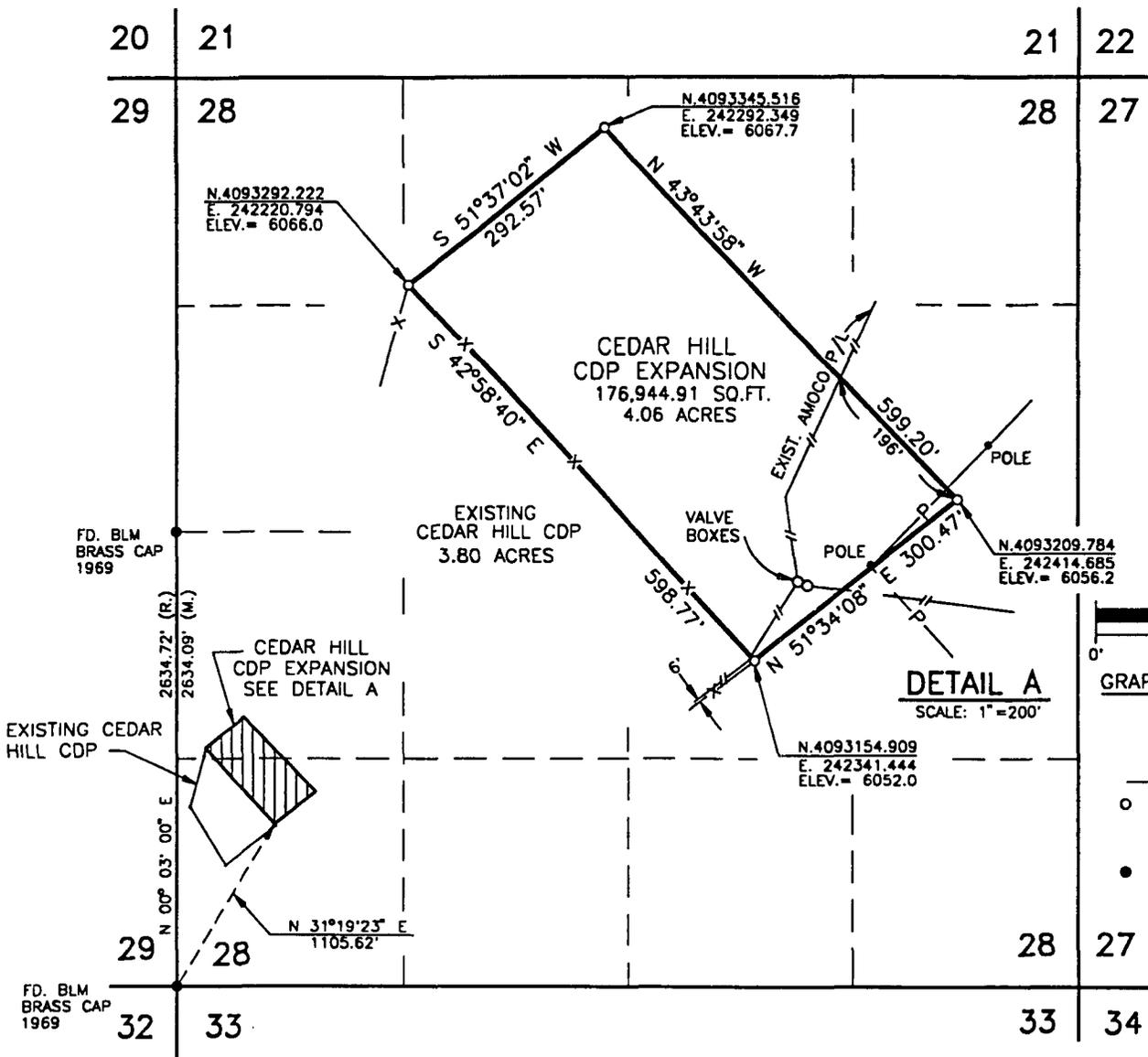
3607-118-TF-024

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

FIGURE 2
SITE SURVEY PLAN

LINE _____
 FROM _____
 COUNTY SAN JUAN STATE NEW MEXICO
 SECTION 28 TOWNSHIP 32-N RANGE 10-W

SCALE: = 1000'
 DWG. NO. 798.12-X-3D
 DRAWN BY: P.B. DATE 9/18/95
 CHECKED BY: L.M.T. SURVEYED 9/11/95
 APPROVED: _____ W.O. NO. _____
 APPROVED: _____ R/W NO. _____



NOTE: BEARINGS SHOWN ARE BASED UPON THE GLO RECORD BEARING ALONG THE WEST LINE OF THE SOUTHWEST QUARTER OF SEC. 28, T32N-R10W NMPM, BEARS: N 00°03'00" E

NOTE: ALL COORDINATES AS SHOWN ARE UTM COORDINATES ZONE 13, IN METERS.

ALL ELEVATIONS SHOWN ARE IN FEET

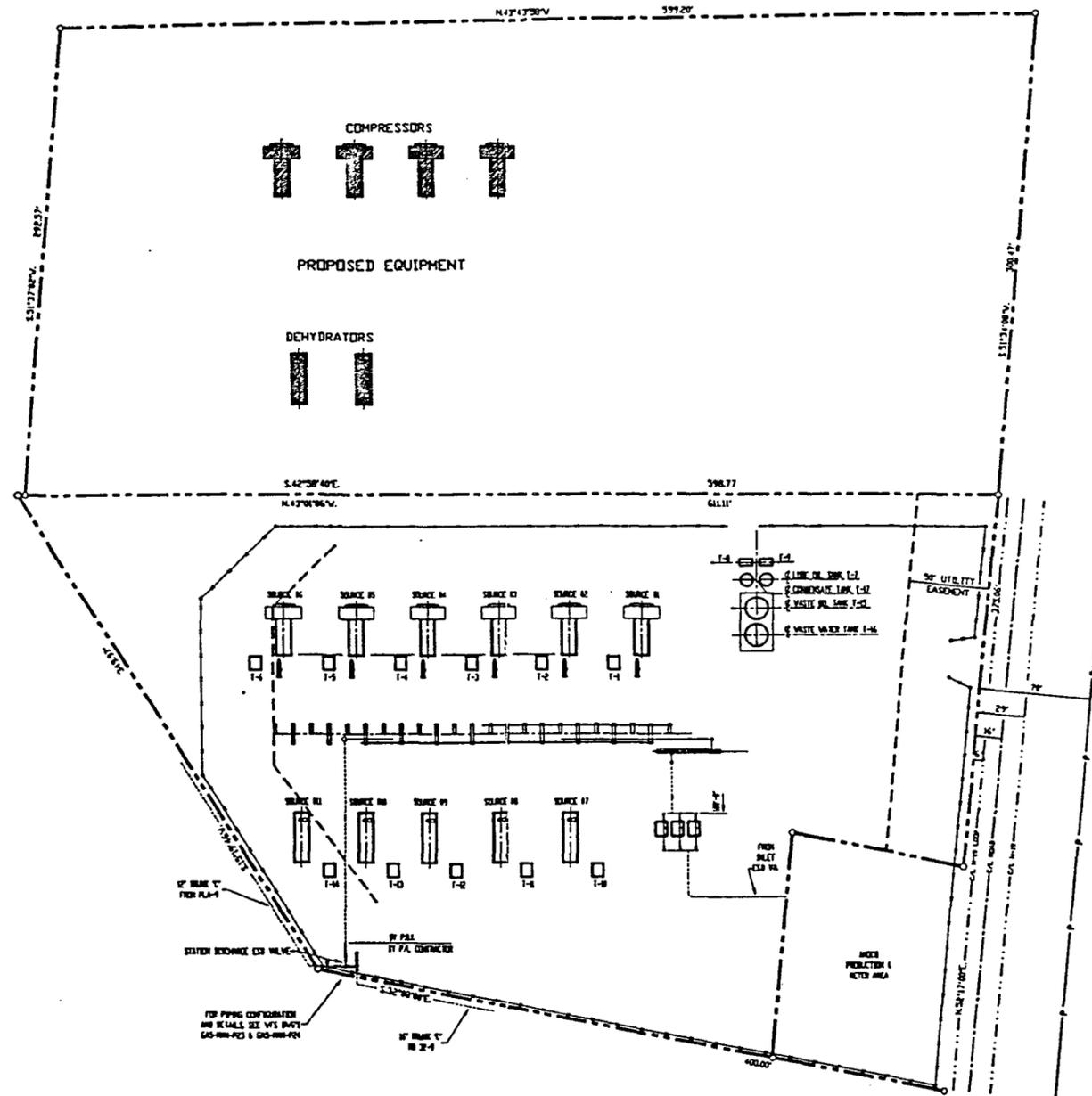
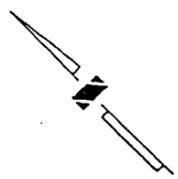
CERTIFICATE OF SURVEYOR

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE REPRESENTATION OF A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, AND THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Jerry L. Jeffries
 JERRY L. JEFFRIES
 NEW MEXICO L.S. #8336

DESIGN FACTOR							
DESIGN PRESSURE							
TEST PRESSURE							
MAOP		MINIMUM:	ACTUAL:	MAXIMUM:			
Ownership	SUBDIVISION	OWNER	LEASE	FEET	MILES	ACRES	RODS
	W/2, SW/4	VIRGINIA P. UHLEN et al				4.06	
Rev.							

FIGURE 3
FACILITY PLOT PLAN



LEGEND										DRAWING		BY		DATE		WILLIAMS FIELD SERVICES	
REFERENCE DRAWINGS										DRAWN						ONE OF THE WILLIAMS COMPANIES	
REVISIONS										CHECKED						CEDAR HILL C.E.P.	
PROPOSED EXPANSION										APPROVED						PROPOSED EQUIPMENT EXPANSION	
ENGINEERING										BY		DATE		SCALE: 1"=20'		DWG. NO. CEDAR HILL APPLIC.	
PROJECT APPROVED										PROJ. APPROVED				V.D. NO.		REV.	

APPENDIX A
WASTE ANALYSIS



AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Service
Date Sampled: July 19, 1995
Lab Sample ID.: 23218-08
Field Sample ID: San Juan Area/Cedar Hill #1

Contact: Mark Harvey
Date Received: July 20, 1995
Received By: Laurie Hastings
Set Description: One Water and
Seven Soil Samples

INORGANIC ANALYSIS REPORT

Analytical Results

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Fax (801) 263-8687

	<u>Method Used:</u>	<u>Detection Limit: mg/L</u>	<u>Amount Detected: mg/L</u>
TOTAL METALS			
Arsenic	7060	0.005	<0.005
Barium	6010	0.002	2.8
Cadmium	6010	0.004	0.013
Chromium	6010	0.01	0.03
Lead	6010	0.05	0.13
Mercury	7471	0.001	<0.001
Selenium	7740	0.005	<0.005
Silver	6010	0.01	<0.01

OTHER CHEMISTRIES

pH	150.1	0.1	6.8
TDS	160.1	1.0	3,600.
TOX	9020	0.5	1.6

Released by:

Laboratory Supervisor

Report Date 8/2/95

1 of 1



ORGANIC ANALYSIS REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: July 19, 1995
Date Received: July 20, 1995

Contact: Mark Harvey
Date Analyzed: July 26, 1995

Analysis Requested:
Volatile Aromatics
Total Purgeable Hydrocarbons

Method Ref. Number:
SW-846 #8260
(Purge & Trap GC/MS)

Field Sample ID:
SAN JUAN AREA
CEDAR HILL #1

Lab Sample ID:
L23218-8

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

BTX/TPH-P

Units = mg/L(ppm)

(801) 263-8686
Fax (801) 263-8687

<u>Compound:</u>	<u>Detection Limit:</u>	<u>Amount Detected:</u>
Benzene	0.020	0.036
Toluene	0.020	0.046
Ethylbenzene	0.020	0.14
Total Xylene	0.020	0.95
Total Purgeable Hydrocarbons	0.20	19.

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By: John Yungert
Laboratory Supervisor

Report Date: July 31, 1995

1 of 1

Enseco Incorporated

CEEDAR HILL C.D.P.
WASTE OIL +
WASTEWATER

ANALYTICAL RESULTS

FOR

NORTHWEST PIPELINE CORPORATION

ENSECO-RMAL NO. 024601

SEPTEMBER 21, 1992

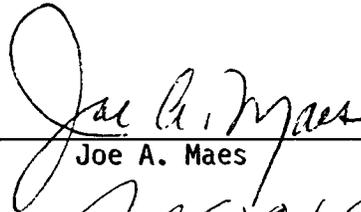


ANALYTICAL RESULTS
FOR
NORTHWEST PIPELINE CORPORATION
ENSECO-RMAL NO. 024601

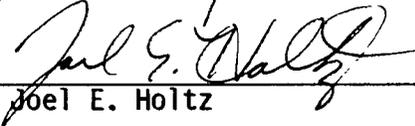


SEPTEMBER 21, 1992

Reviewed by:



Joe A. Maes



Joel E. Holtz

Introduction

This report presents the analytical results as well as supporting information to aid in the evaluation and interpretation of the data and is arranged in the following order:

- o Sample Description Information
- o Analytical Test Requests
- o Analytical Results
- o Quality Control Report

All analyses at Enseco are performed so that the maximum concentration of sample consistent with the method is analyzed. Dilutions are at times required to avoid saturation of the detector, to achieve linearity for a specific target compound, or to reduce matrix interferences. In this event, reporting limits are adjusted proportionately. Surrogate compounds may not be measurable in samples which have been diluted.

Sample 024601-0001 was diluted for Method 8020 due to concentrations of target compounds present beyond linear range; the reporting limits have been increased accordingly.

Sample 024601-0002 was diluted for Method 9020 due to matrix interferences; the reporting limits have been increased accordingly.

Sample Description Information

The Sample Description Information lists all of the samples received in this project together with the internal laboratory identification number assigned for each sample. Each project received at Enseco-RMAL is assigned a unique six digit number. Samples within the project are numbered sequentially. The laboratory identification number is a combination of the six digit project code and the sample sequence number.

Also given in the Sample Description Information is the Sample Type (matrix), Date of Sampling (if known) and Date of Receipt at the laboratory.

Analytical Test Requests

The Analytical Test Requests lists the analyses that were performed on each sample. The Custom Test column indicates where tests have been modified to conform to the specific requirements of this project.

SAMPLE DESCRIPTION INFORMATION
for
Northwest Pipeline Corporation

Lab ID	Client ID	Matrix	Sampled		Received
			Date	Time	Date
024601-0001-SA	CEDAR HILL CDP WASTE WATER TAN	AQUEOUS	18 AUG 92	12:40	19 AUG 92
024601-0002-SA	WASTE OIL TANK CEDAR HILL	AQUEOUS	18 AUG 92	11:30	19 AUG 92
024601-0003-TB	TRIP BLANK	AQUEOUS			19 AUG 92

ANALYTICAL TEST REQUESTS
for
Northwest Pipeline Corporation

Lab ID: 024601	Group Code	Analysis Description	Custom Test?
0001	A	pH	N
		Total Dissolved Solids (TDS)	N
		ICP Metals (Total)	Y
		Prep - Total Metals, ICP	N
		Total Organic Halogen (TOX)	N
		Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)	N
		Arsenic, Furnace AA (Total)	N
		Prep - Total Metals, Furnace AA	N
		Lead, Furnace AA (Total)	N
		Mercury, Cold Vapor AA (Total)	N
		Prep - Mercury, Cold Vapor AA (Total)	N
0002	B	Arsenic, Furnace AA	N
		Prep - Total Metals, Furnace AA	N
		ICP Suite	Y
		Prep - Total Metals, ICP	N
		Lead, Furnace AA	N
		Total Organic Halogen (TOX)	N
		Ignitability, Closed Cup	N
0003	C	Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)	N

Analytical Results

The analytical results for this project are presented in the following data tables. Each data table includes sample identification information, and when available and appropriate, dates sampled, received, authorized, prepared and analyzed. The authorization data is the date when the project was defined by the client such that laboratory work could begin.

Data sheets contain a listing of the parameters measured in each test, the analytical results and the Enseco reporting limit. Reporting limits are adjusted to reflect dilution of the sample, when appropriate. Solid and waste samples are reported on an "as received" basis, i.e. no correction is made for moisture content.

The results from the Standard Enseco QA/QC Program, which generates data which are independent of matrix effects, are provided subsequently.

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

Client Name: Northwest Pipeline Corporation
 Client ID: CEDAR HILL CDP WASTE WATER TANK
 Lab ID: 024601-0001-SA
 Matrix: AQUEOUS
 Authorized: 19 AUG 92
 Sampled: 18 AUG 92
 Prepared: NA
 Received: 19 AUG 92
 Analyzed: 22 AUG 92

Parameter	Result	Units	Reporting Limit
Benzene	19	ug/L	1.2
Toluene	63	ug/L	1.2
Ethylbenzene	12	ug/L	1.2
Xylenes (total)	240	ug/L	1.2
Surrogate	Recovery		
a,a,a-Trifluorotoluene	112	%	

ND = Not detected
 NA = Not applicable

Reported By: Steve Shurgot

Approved By: Stan Dunlavy

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Enseco
A Corning Company

Method 8020

Client Name: Northwest Pipeline Corporation

Client ID: TRIP BLANK

Lab ID: 024601-0003-TB

Matrix: AQUEOUS

Authorized: 19 AUG 92

Sampled: Unknown

Prepared: NA

Received: 19 AUG 92

Analyzed: 24 AUG 92

Parameter	Result	Units	Reporting Limit
Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50
Surrogate	Recovery		
a, a, a-Trifluorotoluene	106	%	

ND = Not detected
NA = Not applicable

Reported By: Steve Shurgot

Approved By: Stan Dunlavy

Metals

Total Metals

Client Name: Northwest Pipeline Corporation
 Client ID: CEDAR HILL CDP WASTE WATER TANK
 Lab ID: 024601-0001-SA
 Matrix: AQUEOUS
 Authorized: 19 AUG 92

Sampled: 18 AUG 92
 Prepared: See Below

Received: 19 AUG 92
 Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Arsenic	ND	mg/L	0.0050	7060	10 SEP 92	12 SEP 92
Barium	0.11	mg/L	0.010	6010	10 SEP 92	15 SEP 92
Cadmium	ND	mg/L	0.0050	6010	10 SEP 92	15 SEP 92 B
Chromium	0.15	mg/L	0.010	6010	10 SEP 92	15 SEP 92
Lead	0.020	mg/L	0.010	7421	10 SEP 92	11 SEP 92
Mercury	ND	mg/L	0.00020	7470	13 SEP 92	13 SEP 92

Note B : Compound is also detected in the blank.

ND = Not detected
 NA = Not applicable

Reported By: Jeff Malecha

Approved By: Sandra Jones

Metals

Total Metals

Client Name: Northwest Pipeline Corporation

Client ID: WASTE OIL TANK CEDAR HILL

Lab ID: 024601-0002-SA

Matrix: WASTE

Authorized: 19 AUG 92

Sampled: 18 AUG 92

Prepared: See Below

Received: 19 AUG 92

Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Arsenic	ND	mg/kg	1.0	7060	14 SEP 92	16 SEP 92
Cadmium	ND	mg/kg	0.50	6010	14 SEP 92	15 SEP 92
Chromium	1.0	mg/kg	1.0	6010	14 SEP 92	15 SEP 92
Lead	2.8	mg/kg	2.2	7421	14 SEP 92	14 SEP 92

ND = Not detected
NA = Not applicable

Reported By: Bob Reilly

Approved By: Sandra Jones

General Inorganics

Client Name: Northwest Pipeline Corporation
 Client ID: CEDAR HILL CDP WASTE WATER TANK
 Lab ID: 024601-0001-SA
 Matrix: AQUEOUS
 Authorized: 19 AUG 92
 Sampled: 18 AUG 92
 Prepared: See Below
 Received: 19 AUG 92
 Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
pH	4.9	units	--	9040	NA	19 AUG 92
Total Organic Halogen as Cl	71.4	ug/L	30.0	9020	NA	10 SEP 92
Total Dissolved Solids	498	mg/L	10.0	160.1	NA	25 AUG 92

ND = Not detected
 NA = Not applicable

Reported By: Pam Rosas

Approved By: Steve Shurgot

General Inorganics

Enseco
A Corning Company

Client Name: Northwest Pipeline Corporation

Client ID: WASTE OIL TANK CEDAR HILL

Lab ID: 024601-0002-SA

Matrix: WASTE

Authorized: 19 AUG 92

Sampled: 18 AUG 92

Prepared: See Below

Received: 19 AUG 92

Analyzed: See Below

Parameter	Result	Units	Reporting Limit	Analytical Method	Prepared Date	Analyzed Date
Ignitability	>160	deg. F	--	1010	NA	03 SEP 92 o
Total Organic Halogen as Cl	ND	mg/kg	3.0	9020	NA	15 SEP 92

Note o : This test is unreliable for any sample other than a non-aqueous liquid.

ND = Not detected
NA = Not applicable

Reported By: Leslie Gergurich

Approved By: Steve Shurgot

Quality Control Report

The Enseco laboratories operate under a vigorous QA/QC program designed to ensure the generation of scientifically valid, legally defensible data by monitoring every aspect of laboratory operations. Routine QA/QC procedures include the use of approved methodologies, independent verification of analytical standards, use of Duplicate Control Samples to assess the precision and accuracy of the methodology on a routine basis, and a rigorous system of data review.

In addition, the Enseco laboratories maintain a comprehensive set of certifications from both state and federal governmental agencies which require frequent analyses of blind audit samples. Enseco-Rocky Mountain Analytical Laboratory is certified by the EPA under the EPA/CLP program for Organic analyses, under the USATHAMA (U.S. Army) program, by the Army Corps of Engineers, and the states of Colorado, New Jersey, Utah, and Florida, among others.

The standard laboratory QC package is designed to:

- 1) establish a strong, cost-effective QC program that ensures the generation of scientifically valid, legally defensible data
- 2) assess the laboratory's performance of the analytical method using control limits generated with a well-defined matrix
- 3) establish clear-cut guidelines for acceptability of analytical data so that QC decisions can be made immediately at the bench, and
- 4) provide a standard set of reportables which assures the client of the quality of his data.

The Enseco QC program is based upon monitoring the precision and accuracy of an analytical method by analyzing a set of Duplicate Control Samples (DCS) at frequent, well-defined intervals. Each DCS is a well-characterized matrix which is spiked with target compounds at 5-100 times the reporting limit, depending upon the methodology being monitored. The purpose of the DCS is not to duplicate the sample matrix, but rather to provide an interference-free, homogeneous matrix from which to gather data to establish control limits. These limits are used to determine whether data generated by the laboratory on any given day is in control.

Control limits for accuracy (percent recovery) are based on the average, historical percent recovery +/- 3 standard deviation units. Control limits for precision (relative percent difference) range from 0 (identical duplicate DCS results) to the average, historical relative percent difference + 3 standard deviation units. These control limits are fairly narrow based on the consistency of the matrix being monitored and are updated on a quarterly basis.

For each batch of samples analyzed, an additional control measure is taken in the form of a Single Control Sample (SCS). The SCS consists of a control matrix that is spiked with either representative target compounds or surrogate compounds appropriate to the method being used. An SCS is prepared for each sample lot for which the DCS pair are not analyzed.

Accuracy for DCS and SCS is measured by Percent Recovery.

$$\% \text{ Recovery} = \frac{\text{Measured Concentration}}{\text{Actual Concentration}} \times 100$$

Precision for DCS is measured by Relative Percent Difference (RPD).

$$\text{RPD} = \frac{|\text{Measured Concentration DCS1} - \text{Measured Concentration DCS2}|}{(\text{Measured Concentration DCS1} + \text{Measured Concentration DCS2})/2} \times 100$$

All samples analyzed concurrently by the same test are assigned the same QC lot number. Projects which contain numerous samples, analyzed over several days, may have multiple QC lot numbers associated with each test. The QC information which follows includes a listing of the QC lot numbers associated with each of the samples reported, DCS and SCS (where applicable) recoveries from the QC lots associated with the samples, and control limits for these lots. The QC data is reported by test code, in the order that the tests are reported in the analytical results section of this report.

QC LOT ASSIGNMENT REPORT
Organics by Chromatography

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
024601-0001-SA	AQUEOUS	602-A	18 AUG 92-1H	22 AUG 92-1H
024601-0003-TB	AQUEOUS	602-A	18 AUG 92-1H	24 AUG 92-1H

DUPLICATE CONTROL SAMPLE REPORT
Organics by Chromatography

Analyte	Spiked	Concentration		AVG	Accuracy		Precision		
		DCS1	Measured DCS2		DCS	Average(%) Limits	(RPD) DCS Limit	DCS Limit	
Category: 602-A									
Matrix: AQUEOUS									
QC Lot: 18 AUG 92-1H									
Concentration Units: ug/L									
Benzene	5.0	5.28	5.29	5.28	106	72-112	0.2	10	
Toluene	5.0	4.99	5.01	5.00	100	74-109	0.4	10	
Ethylbenzene	5.0	4.85	4.89	4.87	97	76-105	0.8	10	
Xylenes (total)	5.0	4.82	4.88	4.85	97	74-111	1.2	10	
1,3-Dichlorobenzene	5.0	4.83	4.94	4.88	98	72-121	2.3	15	

Calculations are performed before rounding to avoid round-off errors in calculated results.

SINGLE CONTROL SAMPLE REPORT
Organics by Chromatography

Analyte	Concentration		Accuracy(%)	
	Spiked	Measured	SCS	Limits

Category: 602-A
Matrix: AQUEOUS
QC Lot: 18 AUG 92-1H QC Run: 22 AUG 92-1H
Concentration Units: ug/L

a,a,a-Trifluorotoluene	30.0	31.2	104	90-113
------------------------	------	------	-----	--------

Category: 602-A
Matrix: AQUEOUS
QC Lot: 18 AUG 92-1H QC Run: 24 AUG 92-1H
Concentration Units: ug/L

a,a,a-Trifluorotoluene	30.0	30.9	103	90-113
------------------------	------	------	-----	--------

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT
Organics by Chromatography

Analyte	Result	Units	Reporting Limit
Test: 8020-BTEX-AP			
Matrix: AQUEOUS			
QC Lot: 18 AUG 92-1H QC Run: 22 AUG 92-1H			
Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50

Test: 8020-BTEX-AP
Matrix: AQUEOUS
QC Lot: 18 AUG 92-1H QC Run: 24 AUG 92-1H

Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50

QC LOT ASSIGNMENT REPORT
Metals Analysis and Preparation

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
024601-0001-SA	AQUEOUS	ICP-AT	10 SEP 92-1A	10 SEP 92-1A
024601-0001-SA	AQUEOUS	AS-FAA-AT	10 SEP 92-1A	10 SEP 92-1A
024601-0001-SA	AQUEOUS	PB-FAA-AT	10 SEP 92-1A	10 SEP 92-1A
024601-0001-SA	AQUEOUS	HG-CVAA-AT	13 SEP 92-1A	13 SEP 92-1A
024601-0002-SA	SOIL	AS-FAA-S	11 SEP 92-1A	11 SEP 92-1A
024601-0002-SA	SOIL	ICP-S	14 SEP 92-1R	14 SEP 92-1R
024601-0002-SA	SOIL	PB-FAA-S	14 SEP 92-1R	14 SEP 92-1R

DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Analyte	Spiked	Concentration		AVG	Accuracy		Precision		
		DCS1	Measured DCS2		Average(%) DCS	Limits	(RPD) DCS	Limit	
Category: ICP-AT									
Matrix: AQUEOUS									
QC Lot: 10 SEP 92-1A									
Concentration Units: mg/L									
Aluminum	2.0	2.03	2.04	2.03	102	75-125	0.2	20	
Antimony	0.5	0.510	0.499	0.505	101	75-125	2.2	20	
Arsenic	0.5	0.480	0.453	0.467	93	75-125	5.7	20	
Barium	2.0	1.92	1.93	1.92	96	75-125	0.4	20	
Beryllium	0.05	0.0500	0.0497	0.0498	100	75-125	0.6	20	
Cadmium	0.05	0.0468	0.0442	0.0455	91	75-125	5.7	20	
Calcium	100	103	102	103	103	75-125	1.0	20	
Chromium	0.2	0.190	0.195	0.192	96	75-125	2.6	20	
Cobalt	0.5	0.471	0.467	0.469	94	75-125	0.9	20	
Copper	0.25	0.281	0.269	0.275	110	75-125	4.4	20	
Iron	1.0	1.01	1.00	1.01	101	75-125	1.0	20	
Lead	0.5	0.472	0.475	0.473	95	75-125	0.7	20	
Magnesium	50	51.1	50.6	50.8	102	75-125	1.0	20	
Manganese	0.5	0.489	0.477	0.483	97	75-125	2.5	20	
Nickel	0.5	0.483	0.478	0.480	96	75-125	1.1	20	
Potassium	50	52.5	51.9	52.2	104	75-125	1.2	20	
Silver	0.05	0.0488	0.0477	0.0483	97	75-125	2.2	20	
Sodium	100	110	109	109	109	75-125	1.6	20	
Vanadium	0.5	0.495	0.497	0.496	99	75-125	0.4	20	
Zinc	0.5	0.496	0.489	0.492	98	75-125	1.6	20	

Category: AS-FAA-AT
Matrix: AQUEOUS
QC Lot: 10 SEP 92-1A
Concentration Units: mg/L

Arsenic	0.03	0.0329	0.0348	0.0338	113	75-125	5.6	20
---------	------	--------	--------	--------	-----	--------	-----	----

Category: PB-FAA-AT
Matrix: AQUEOUS
QC Lot: 10 SEP 92-1A
Concentration Units: mg/L

Lead	0.03	0.0349	0.0313	0.0331	110	75-125	11	20
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Calculations are performed before rounding to avoid round-off errors in calculated results.

DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation (cont.)

Analyte	Concentration			AVG	Accuracy Average(%)		Precision (RPD)	
	Spiked	DCS1	Measured DCS2		DCS	Limits	DCS	Limit

Category: HG-CVAA-AT
Matrix: AQUEOUS
QC Lot: 13 SEP 92-1A
Concentration Units: mg/L

Mercury	0.0010	0.000967	0.00100	0.000983	98	75-125	3.4	20
---------	--------	----------	---------	----------	----	--------	-----	----

Category: AS-FAA-S
Matrix: SOIL
QC Lot: 11 SEP 92-1A
Concentration Units: mg/kg

Arsenic	145	102	104	103	71	59-141	1.0	20
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Category: ICP-S
Matrix: SOIL
QC Lot: 14 SEP 92-1R
Concentration Units: mg/kg

Aluminum	10700	6840	7480	7160	67	47-153	8.8	20
Antimony	55.2	54.8	57.4	56.1	102	18-362	4.6	50
Arsenic	145	128	135	131	91	59-141	4.9	20
Barium	503	435	459	447	89	76-124	5.5	20
Beryllium	129	118	124	121	94	53-131	4.9	20
Cadmium	154	140	147	144	93	68-132	4.6	20
Calcium	7390	6600	6960	6780	92	79-121	5.4	20
Chromium	151	127	136	132	87	66-133	6.9	20
Cobalt	122	110	116	113	93	70-130	5.4	20
Copper	162	156	165	161	99	70-132	5.4	20
Iron	15400	12400	13400	12900	84	66-134	7.2	20
Lead	148	129	139	134	90	66-135	6.9	20
Magnesium	3740	3250	3480	3360	90	74-126	7.0	20
Manganese	423	376	397	387	91	74-125	5.5	20
Molybdenum	159	145	152	148	93	71-129	5.1	20
Nickel	166	154	162	158	95	67-133	5.1	20
Potassium	4050	3530	3770	3650	90	68-132	6.6	20
Silver	104	98.2	106	102	98	76-124	7.6	20
Sodium	747	717	766	741	99	57-130	6.6	20
Vanadium	154	135	142	138	90	73-127	5.2	20
Zinc	530	478	504	491	93	65-135	5.3	20

Calculations are performed before rounding to avoid round-off errors in calculated results.

DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation (cont.)

Analyte	Spiked	Concentration		AVG	Accuracy		Precision		
		DCS1	Measured DCS2		DCS	Average(%) Limits	(RPD) DCS Limit	DCS Limit	
Category: PB-FAA-S Matrix: SOIL QC Lot: 14 SEP 92-1R Concentration Units: mg/kg									
Lead	150	132	148	140	93	50-150	11	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT
Metals Analysis and Preparation

Analyte	Result	Units	Reporting Limit
Test: ICP-AT			
Matrix: AQUEOUS			
QC Lot: 10 SEP 92-1A QC Run: 10 SEP 92-1A			
Barium	ND	mg/L	0.010
Cadmium	0.0099	mg/L	0.0050
Chromium	ND	mg/L	0.010
Test: AS-FAA-AT			
Matrix: AQUEOUS			
QC Lot: 10 SEP 92-1A QC Run: 10 SEP 92-1A			
Arsenic	ND	mg/L	0.0050
Test: PB-FAA-AT			
Matrix: AQUEOUS			
QC Lot: 10 SEP 92-1A QC Run: 10 SEP 92-1A			
Lead	ND	mg/L	0.0050
Test: HG-CVAA-AT			
Matrix: AQUEOUS			
QC Lot: 13 SEP 92-1A QC Run: 13 SEP 92-1A			
Mercury	ND	mg/L	0.00020
Test: AS-FAA-W			
Matrix: WASTE			
QC Lot: 11 SEP 92-1A QC Run: 11 SEP 92-1A			
Arsenic	ND	mg/kg	0.50
Test: ICP-W			
Matrix: WASTE			
QC Lot: 14 SEP 92-1R QC Run: 14 SEP 92-1R			
Cadmium	ND	mg/kg	0.50
Chromium	ND	mg/kg	1.0

METHOD BLANK REPORT
Metals Analysis and Preparation (cont.)

Analyte	Result	Units	Reporting Limit
Test: PB-FAA-W			
Matrix: WASTE			
QC Lot: 14 SEP 92-1R	QC Run: 14 SEP 92-1R		
Lead	ND	mg/kg	0.50

QC LOT ASSIGNMENT REPORT
Wet Chemistry Analysis and Preparation

Laboratory Sample Number	QC Matrix	QC Category	QC Lot Number (DCS)	QC Run Number (SCS/BLANK)
024601-0001-SA	AQUEOUS	PH-A	19 AUG 92-1G	-
024601-0001-SA	AQUEOUS	TDS-A	25 AUG 92-1A	25 AUG 92-1A
024601-0001-SA	AQUEOUS	TOX-A	10 SEP 92-1A	-
024601-0002-SA	SOIL	TOX-S	15 SEP 92-1A	-

DUPLICATE CONTROL SAMPLE REPORT
Wet Chemistry Analysis and Preparation

Analyte	Spiked	Concentration		AVG	Accuracy		Precision		
		DCS1	Measured DCS2		DCS	Average(%) Limits	(RPD) DCS Limit		
Category: PH-A Matrix: AQUEOUS QC Lot: 19 AUG 92-1G Concentration Units: units									
pH	9.1	9.04	9.05	9.04	99	98-102	0.1	5	
Category: TDS-A Matrix: AQUEOUS QC Lot: 25 AUG 92-1A Concentration Units: mg/L									
Total Dissolved Solids	1170	1150	1130	1140	97	90-110	1.8	10	
Category: TOX-A Matrix: AQUEOUS QC Lot: 10 SEP 92-1A Concentration Units: ug Cl/L									
Total Organic Halogen as Cl	100	90.0	90.6	90.3	90	80-120	0.7	20	
Category: TOX-S Matrix: SOIL QC Lot: 15 SEP 92-1A Concentration Units: mg/kg									
Total Organic Halogen as Cl	1.0	0.955	1.05	1.00	100	75-125	9.5	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT
Wet Chemistry Analysis and Preparation

Analyte	Result	Units	Reporting Limit
Test: TDS-BAL-A			
Matrix: AQUEOUS			
QC Lot: 25 AUG 92-1A	QC Run: 25 AUG 92-1A		
Total Dissolved Solids	ND	mg/L	10.0



Appendix



Rocky Mountain Analytical Laboratory
 4955 Yarrow Street
 Arvada, CO 80002
 303/421-6611 FAX: 303/431-7171

CHAIN OF CUSTODY

ENSECO CLIENT	SAMPLE SAFE™ CONDITIONS	
	PACKED BY	SEAL NUMBER
PROJECT	SEAL INTACT UPON RECEIPT BY SAMPLING COMPANY	CONDITION OF CONTENTS
SAMPLING COMPANY	SEALED FOR SHIPPING BY	INITIAL CONTENTS TEMP. °C
SAMPLING SITE	SEAL NUMBER	SAMPLING STATUS <input type="checkbox"/> Done <input type="checkbox"/> Continuing Until
TEAM LEADER	SEAL INTACT UPON RECEIPT BY LAB. <input type="checkbox"/> Yes <input type="checkbox"/> No	CONTENTS TEMPERATURE UPON RECEIPT BY LAB. °C

DATE	TIME	SAMPLE ID/DESCRIPTION	SAMPLE TYPE	# CONTAINERS	ANALYSIS PARAMETERS	REMARKS
8-18-92	12:49	WASTE CEDAR HILL CDP WATER TANK	LIQUID AQUEOUS	1	PH / TDS	01
8-18-92	12:50	" " " "	LIQUID AQUEOUS	1	PH / TDS	02
8-18-92	12:45	" " " "	LIQUID METALS	4T	METALS	01 01
8-18-92	12:47	" " " "	LIQUID METALS	4T	METALS	02
8-18-92	12:40	" " " "	LIQUID	15	Tox -- SINGLE	01
8-18-92	12:40	" " " "	LIQUID	15	Tox -- SINGLE	02
8-18-92	11:30	WASTE OIL TANK CEDAR HILL	USED OIL			
8-18-92	11:45	WASTE OIL TANK CEDAR HILL	USED OIL			02
8-18-92	11:50	WASTE OIL TANK CEDAR HILL	USED OIL			
8-18-92	12:00	WASTE OIL TANK CEDAR HILL	USED OIL			

CUSTODY TRANSFERS PRIOR TO SHIPPING				SHIPPING DETAILS	
RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME	DELIVERED TO SHIPPER BY	
<i>Vernon Rothberg</i>	<i>Frank G. [Signature]</i>	8/18/92	2:07	METHOD OF SHIPMENT	
				AIRBILL NUMBER	
				RECEIVED FOR LAB	SIGNED
				<i>[Signature]</i>	<i>[Signature]</i>
				ENSECO PROJECT NUMBER	DATE/TIME
				24601	0845 8/19/92

CHAIN OF CUSTODY

ENSECO CLIENT		SAMPLE SAFE™ CONDITIONS	
PROJECT		PACKED BY	SEAL NUMBER
SAMPLING COMPANY		SEAL INTACT UPON RECEIPT BY SAMPLING COMPANY	CONDITION OF CONTENTS
SAMPLING SITE		SEALED FOR SHIPPING BY	INITIAL CONTENTS TEMP. °C
TEAM LEADER		SEAL NUMBER	SAMPLING STATUS <input type="checkbox"/> Done <input type="checkbox"/> Continuing Until
		SEAL INTACT UPON RECEIPT BY LAB. <input type="checkbox"/> Yes <input type="checkbox"/> No	CONTENTS TEMPERATURE UPON RECEIPT BY LAB. °C

DATE	TIME	SAMPLE ID/DESCRIPTION	SAMPLE TYPE	# CONTAINERS	ANALYSIS PARAMETERS	REMARKS
8-18-92	12:51	CEDAR HILL COP WASTE WATER	LIQUIDS AQUEOUS	11	VOA	<div style="font-size: 2em;">}</div> <div style="font-size: 2em;">01</div>
8-18-92	12:53	" "	LIQUIDS AQUEOUS	11	VOA	
8-18-92	12:55	" "	LIQUIDS AQUEOUS	11	VOA	

CUSTODY TRANSFERS PRIOR TO SHIPPING				SHIPPING DETAILS		
RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME	DELIVERED TO SHIPPER BY		
				METHOD OF SHIPMENT		AIRBILL NUMBER
				RECEIVED FOR LAB <i>R. J. T. A. C.</i>	SIGNED <i>[Signature]</i>	DATE/TIME 08/15 8/19/92
				ENSECO PROJECT NUMBER 24601		

B

APPENDIX B
SPILL CONTROL PROCEDURES

WILLIAMS FIELD SERVICES COMPANY
 ONE OF THE WILLIAMS COMPANIES
OPERATIONS

Manual O & M Procedure	Department	
Section Safety/General	Tab 10	Document No. 21.10.020
Effective Date JUN 16 1993	Issue No. 1	Page No. 1 of 6

Subject of 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** This document pertains to Company personnel and Company and non-company facilities. The spill prevention and control requirements in this Policy and Procedure are Federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary application of the standards; however, variations from the standards should be approved by the responsible Director.

B. CONTENTS

C. POLICY

- C.1 General
- C.2 Bulk Storage Tanks
- C.3 Facility Drainage
- C.4 Transfer Operations, Pumping, and In-Plant/Station 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

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

Supersedes Policy and Procedure 12.10.020 dated July 7, 1989.

Approval (Page 1 Only) <i>[Signature]</i>	Approval (Page 2 Only) <i>[Signature]</i> 6/16/93	Approval (Page 1 Only) <i>[Signature]</i>
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OPERATIONS

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

- C.1.3 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.1.4 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.1.5 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.1.6 Facilities which are subject to the requirements stated in this policy are as follows:
- a. Non-Transportation Related Facilities
 - (1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.
 - (2) Underground storage facilities having a total capacity in excess of 42,000 gallons.
 - b. Transportation Related Facilities
 - (1) All vehicles, pipeline facilities, loading/unloading facilities, and other mobile facilities which transport oil or hazardous substances.
- C.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all hazardous substance storage vessels at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.
- C.1.8 The facility supervisor is responsible for spill prevention. His/her duties include, but are not limited to, the following:
- a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.
 - b. Conduct briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.
 - c. Briefings should highlight and describe known discharges or spills, and recently developed precautionary measures.
- C.1.9 Each individual facility is checked by the supervisor or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen, or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:
- a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.

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

- b. All tank batteries should, as far as practicable, have a secondary means of containment for the entire contents of the largest single tank plus sufficient freeboard in the containment facility to allow for precipitation.
- c. A annual monitoring and inspection program to prevent accidental spills or discharges into watercourses. This includes annual inspection for faulty systems and monitoring line valves and liquid pipelines for leaks or blowouts.

C.1.10 Any field drainage ditches, road ditches, traps, sumps, or skimmers should be inspected at annual 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 facility supervisor 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 Make provisions 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, open-and-closed 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, drainage systems from undiked areas should flow into ponds, lagoons, or catchment basins designed to retain oil or hazardous substances or return the substances to the facility. Any drainage system which is not designed to allow flow into ponds, lagoons, or catchment basins should be equipped with a diversion system that could, in the event of a discharge or spill, contain the oil or hazardous substances on the Site.

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

- a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for precipitation, or displacement by foreign materials.
- b. Small dikes for temporary containment are constructed at valves where potential leaking of oil or hazardous substances may occur.

WILLIAMS FIELD SERVICES COMPANY
 ONE OF THE WILLIAMS COMPANIES 
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c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

C.3.5 Other means of containment or spill control include, but are not limited to:

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

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

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

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 truck loaded or unloaded in the station.

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 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.

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

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 facility supervisor.

NOTE: Refer to Attachment A for containment procedures.

Facility Supervisor

D.1.2 Contacts Gas Control and responsible Director immediately by telephone and provides the following information:

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

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES
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Gas Control Personnel

- D.1.3 Advises Environmental Services departments immediately by telephone concerning the incident including any incidents reported by persons not employed with the Company.

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

- D.1.4 If Environmental Services cannot be contacted, notifies Director over Environmental Services.

Facility Supervisor

- D.1.5 Coordinates containment and clean-up of discharge or spill, keeping the responsible Director informed.

- D.1.6 If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. (See Emergency Operating Procedure Manuals tab #11, contractors with available equipment and services).

- 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. (See Emergency Operating Procedure Manuals).

- 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.

D.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

Facility Supervisor

- 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 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 Department. Retains a copy for future reference.

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

WILLIAMS FIELD SERVICES COMPANY
 ONE OF THE WILLIAMS COMPANIES 
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 DISCHARGES OR SPILLS OF OIL OR HAZARDOUS SUBSTANCES; Preventing, Controlling and Reporting of

ATTACHMENT A

Discharge or Spill Containment Procedures and Materials

Type of Facility where the Discharge or Spill occurs	Containment Procedures	Material Used for Containment
A. Oil Pipeline (as defined in C.1.4)	<ol style="list-style-type: none"> 1. Closes appropriate block valves. 2. Contains discharge or spill by: ditching covering, applying sorbents, constructing an earthen dam, or burning. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. 	<ol style="list-style-type: none"> 1. Straw 2. Loose Earth 3. Oil Sorbent - 3M Brand 4. Plain Wood Chips 5. Sorb - Oil Chips Banta Co. 6. Sorb - Oil Swabs - Banta Co. 7. Sorb - Oil Mats - Banta Co. 8. Or Equivalent Materials.
B. Vehicle	<ol style="list-style-type: none"> 1. Contains discharge or spill by: ditching, covering surface with dirt, constructing earthen dams, applying sorbents, or burning. 2. Notifies immediately the Compliance and Safety Department and if there is any imminent danger to local residents; notifies immediately the highway patrol or local police officials. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. <p>NOTE: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.</p>	
C. Bulk Storage Tanks or any other Facilities	<ol style="list-style-type: none"> 1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam, or burning. 2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. 	

c }

APPENDIX C

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

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

OPERATOR					ADDRESS			TELEPHONE #	
REPORT OF	FIRE	BREAK	SPILL	LEAK	BLOWOUT	OTHER*			
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RFY	OTHER*		
FACILITY NAME:									
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage					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			VOLUME RECOVERED	
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					PRINTED NAME AND TITLE			DATE	

A. 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.

B. "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 pipe line 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 pumpjacking 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; and 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.

C. 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 of crude oil or condensate, or 100 barrels or more of salt water, none of which reaches 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 pipe line 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 pipe line 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.

(7) 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.

(8) 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.

(9) 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.

(10) 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.

Title: NM - Environment Department • Environmental Improvement Board • Water Quality Control Commission • Groundwater Protection and Remediation Bureau • WQCC 82-1 • Part I • 1-200 • 1-203

Section: 1-203 Notification of Discharge -- Removal
Date: November 18, 1993
Subject
Terms:

1-203. Notification of Discharge -- Removal.

A. With respect to any discharge from any facility of oil or water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, the following notifications and corrective actions are required;

1. As soon as possible after learning of such a discharge, but in no event more than twenty-four (24) hours thereafter, any person in charge of the facility shall orally notify the Chief, Ground Water Bureau, Environmental Improvement Division, or his counterpart in any constituent agency delegated responsibility for enforcement of these rules as to any facility subject to such delegation. To the best of that person's knowledge, the following items of information shall be provided:

a. the name, address, and telephone number of the person or persons in charge of the facility, as well as of the owner and/or operator of the facility;

b. the name and address of the facility;

c. the date, time, location, and duration of the discharge;

d. the source and cause of discharge;

e. a description of the discharge, including its chemical composition;

f. the estimated volume of discharge; and

g. any actions taken to mitigate immediate from the discharge.

2. When in doubt as to which agency to notify, the person in charge of the facility shall notify the Chief, Ground Water Bureau, Environmental Improvement Division. If that division does not have authority pursuant to Commission delegation, the division shall notify the appropriate constituent agency.

3. Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification to the same division official, verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification.

4. The oral and written notification and reporting requirements contained in the three preceding paragraphs and the paragraphs below are not intended to be duplicative of discharge notification and reporting requirements promulgated by the Oil Conservation Commission (OCC) or by the Oil Conservation Division (OCD); therefore, any facility which is subject to OCC or OCD discharge

notification and reporting requirements need not additionally comply with the notification and reporting requirements herein.

5. As soon as possible after learning of such a discharge, the owner/operator of the facility shall take such corrective actions as are necessary or appropriate to contain and remove or mitigate the damage caused by the discharge.

6. If it is possible to do so without unduly delaying needed corrective action, the facility owner/operator shall endeavor to contact and consult with the Chief, Ground Water Bureau, Environmental Improvement Division or appropriate counterpart in a delegated agency, in an effort to determine the division's views as to what further corrective actions may be necessary or appropriate to the discharge in question. In any event, no later than fifteen (15) days after the discharger learns of the discharge, the facility owner/operator shall send to said Bureau Chief a written report describing any corrective actions taken and/or to be taken relative to the discharge. Upon a written request and for good cause shown, the Bureau Chief may extend the time limit beyond fifteen (15) days.

7. The Bureau Chief shall approve or disapprove in writing the foregoing corrective action report within thirty (30) days of its receipt by the division. In the event that the report is not satisfactory to the division, the Bureau Chief shall specify in writing to the facility owner/operator any shortcomings in the report or in the corrective actions already taken or proposed to be taken relative to the discharge, and shall give the facility owner/operator a reasonable and clearly specified time within which to submit a modified corrective action report. The Bureau Chief shall approve or disapprove in writing the modified corrective action report within fifteen (15) days of its receipt by the division.

8. In the event that the modified corrective action report also is unsatisfactory to the division, the facility owner/operator has five (5) days from the notification by the Bureau Chief that it is unsatisfactory to appeal to the division director. The division director shall approve or disapprove the modified corrective action report within five (5) days of receipt of the appeal from the Bureau Chief's decision. In the absence of either corrective action consistent with the approved corrective action report or with the decision of the director concerning the shortcomings of the modified corrective action report, the division may take whatever enforcement or legal action it deems necessary or appropriate.

B. Exempt from the requirements of this section are continuous or periodic discharges which are made:

1. in conformance with water quality control commission regulations and rules, regulations or orders of other state or federal agencies; or

2. in violation of water quality control commission regulations but pursuant to an assurance of discontinuance or schedule of compliance approved by the Commission or one of its duly authorized constituent agencies.

C. As used in this section:

1. "discharge" means spilling, leaking, pumping, pouring, emitting, emptying, or dumping into water or in a location and manner where there is a reasonable probability that the discharged substance will reach surface or subsurface water;

2. "facility" means any structure, installation, operation, storage tank, transmission line, motor vehicle, rolling stock, or activity of any kind, whether stationary or mobile;

Title: NM - Environment Department • Environmental Improvement Board • Water Quality Control Commission • Groundwater Protection and Remediation Bureau • WQCC 82-1 • Part I • 1-200 • 1-203

Section: 1-203 Notification of Discharge — Removal

Date: November 18, 1993

Subject

Terms:

3. "oil" means oil of any kind or in any form including petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes.

4. "operator" means the person or persons responsible for the overall operation of a facility; and

5. "owner" means the person or persons who own a facility, or part of a facility.

D. Notification of discharge received pursuant to this regulation or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except for perjury or for giving a false statement.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

December 1, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-963-070

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

**RE: Discharge Plan GW-87 Renewal
Cedar Hill CS
San Juan County, New Mexico**

Dear Ms. Gooding:

On November 27, 1996, the groundwater discharge plan, GW-87, for the Williams Field Services CS located in E/2 SW/4, Section 28, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico, will expire. The plan was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

The discharge plan renewal application for the Cedar Hill CS is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus a flat fee of \$690 for Compressor Stations over 3,000 horsepower.

The (50) dollar 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. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

Ms. Leigh Gooding
December 1, 1995
Page 2

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with your discharge plan renewal request.** The following information is enclosed: Application form, Guidelines, and WQCC regulations.

If you no longer have any actual or potential discharges, a discharge plan is not needed, please notify this office, and provide a closure plan for the facility. If you have any questions regarding this matter, please do not hesitate to contact Mr. Patricio W. Sanchez at (505) 827-7156.

Sincerely,


for
Roger C. Anderson
Environmental Bureau Chief

RCA/pws

xc: Mr. Denny Foust

Enclosures

Z 765 963 070



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>GW-87-REN.</i>	
Street and No.	
P.O., State and ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, March 1993

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 you 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
San Juan 29-6 No. 4 C.D.P.	GW-122
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: Angelo M. Albre Date: 3/26/93

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

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



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

OIL CONSERVATION DIVISION
RECEIVED

'92 JAN 27 AM 9 38

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

January 22, 1992

Ms. Kathy Brown
New Mexico Oil Conservation Division
PO Box 2088
Santa Fe, NM 87504-2088

Dear Ms. Brown:

Please find enclosed three checks for the following:

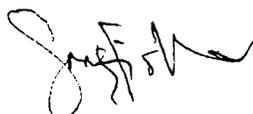
Cedar Hill CDP Application fee (\$50)

Simms Mesa CDP Application and Approval fees (\$1430)

CDP 32-9 Application and Approval fees (\$1430)

This should satisfy payment required for approval of the discharge plans for each of these facilities. Please do not hesitate to call either Carol Revelt at (801) 584-6716 or myself at (801) 584-6730 if there any additional unresolved issues regarding the discharge plans.

Sincerely,



Sandy Fishler
Environmental Specialist

Enclosure

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 11/26/91,
or cash received on 1/28/92 in the amount of \$ 50.00
from NORTHWEST PIPELINE CO
for CEDAR HILL COMPRESSOR STATION GW-87
Submitted by: [Signature] (Facility Name) Date: 1/28/92 (DP No.)
Submitted to ASD by: _____ Date: _____
Received in ASD by: [Signature] Date: 1/28/92

Filing Fee New Facility _____ Renewal _____
Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

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

87-70
641

DATE
11/26/91

CHECK NO.

NET AMOUNT
*****50.00

PAY
FIFTY AND 00/100 DOLLARS

TO THE
ORDER
OF

NEW MEXICO ENVIRONMENT DEPT. wa
WATER QUALITY MANAGEMENT
P. O. BOX 2063
SANTA FE, NM

87504

NORTHWEST PIPELINE CORPORATION

[Signature]

AUTHORIZED REPRESENTATIVE

BY _____
AUTHORIZED REPRESENTATIVE

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 11/22/91,
or cash received on 11/27/91 in the amount of \$ 1380.00
from WILLIAMS FIELD SERVICES
for CEDAR HILL COMPRESSOR STATION GW-87
Submitted by: Roger C. Anderson Date: 11/27/91
Submitted to ASD by: _____ Date: _____
Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility Renewal _____
Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment _____

WILLIAMS FIELD SERVICES COMPANY <small>ONE OF THE WILLIAMS COMPANIES</small>		SOVRAN BANK <small>Waverly, Tennessee</small>	
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900		IN COOPERATION WITH FIRST INTERSTATE BANK OF UTAH, N.A.	
DATE <u>11/22/91</u>		CHECK NO. [redacted]	NET AMOUNT <u>*****1,380.00</u>
PAY TO THE ORDER OF <u>WATER QUALITY MANAGEMENT</u>			
P.O. BOX 2088 SANTA FE, NM		WILLIAMS FIELD SERVICES COMPANY	
ATTN: STATE LAND OFFICE		<u>Ronald E. [Signature]</u> ASSISTANT TREASURER	
87504		BY _____ AUTHORIZED REPRESENTATIVE	

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 11/26/91
or cash received on 1/28/92 in the amount of \$ 50.00
from NORTHWEST PIPELINE CO

for CEDAR HILL COMPRESSOR STATION GW-87

Submitted by: Roger Anderson (Facility Name) Date: 1/28/92 (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 80

To be deposited in the Water Quality Management Fund.
Full Payment _____ or Annual Increment _____

NORTHWEST PIPELINE CORPORATION
ONE OF THE WILLIAMS COMPANIES
P.O. BOX 58900 SALT LAKE CITY, UTAH 84158-0900

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

87-70
641

[REDACTED]

DATE
11/26/91

CHECK NO.
[REDACTED]

NET AMOUNT
*****50.00

PAY
FIFTY AND 00/100 DOLLARS

TO THE
ORDER
OF

NEW MEXICO ENVIRONMENT DEPT. and
WATER QUALITY MANAGEMENT
P. O. BOX 2008
SANTA FE, NM

67204

NORTHWEST PIPELINE CORPORATION
Ronald A. [Signature]
ASSISTANT TO THE [Signature]
BY _____
AUTHORIZED REPRESENTATIVE

NORTHWEST PIPELINE CORPORATION

SALT LAKE CITY, UTAH 84158-0900 PLEASE DETACH BEFORE DEPO



00-010-000047134

NORTHWEST PIPELINE CORP

VOUCHER NUMBER	INVOICE NUMBER	PURCH ORDER	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
113696	OSCHG CEDAR TO		11-05-91	50.00	.00	50.00
TOTALS				50.00	.00	50.00

WILLIAMS FIELD SERVICES COMPANY
00-070-000070831

SALT LAKE CITY, UTAH 84158-0900
WILLIAMS FIELD SERVICE

PLEASE DETACH BEFORE DEPOSITING



VOUCHER NUMBER	INVOICE NUMBER	PURCHASE ORDER	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
111307	CEDAR TO		11-05-91	1,380.00	.00	1,380.00
TOTALS				1,380.00	.00	1,380.00





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
NOV 15 1991

November 12, 1991

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

Dear Sir:

The U.S. Fish and Wildlife Service (Service) has reviewed the Public Notice dated September 30, 1991, regarding the effects of granting a State of New Mexico groundwater discharge permit on fish, shellfish, and wildlife resources in New Mexico.

The Service has determined there are no wetlands or other environmentally sensitive habitats that will be adversely affected by the following activity.

(GW-87) - Williams Field Services, Salt Lake City, Utah, for the proposed Cedar Hill Compressor Station located in the SW/4 SW/4, Section 28, T32N, R10W, San Juan County, New Mexico.

If you have any questions, please call Richard Roy at (505) 883-7877.

Sincerely,



Jennifer Fowler-Propst
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Director, New Mexico Energy, Minerals and Natural Resources Department,
Forestry and Resources Conservation Division, Santa Fe, New Mexico
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife
Enhancement, Albuquerque, New Mexico



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

November 5, 1991

BRUCE KING
GOVERNOR

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-106-675-378

Ms. Sandy Fishler
Williams Field Services Company
P.O. Box 58900
Salt Lake City, UT 84158-0900

**RE: Fee for Discharge Plan GW-87
Cedar Hill Compressor Station
San Juan County, New Mexico**

Dear Ms. Fishler:

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3-114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund." Enclosed is a copy of WQCC Rule 3-114 effective as of August 18, 1991.

The Oil Conservation Division (OCD) received your discharge plan application for the Cedar Hill Compressor Station on September 27, 1991, which is after the effective date of the WQCC Regulation 3-114. The discharge plan application for the Cedar Hill Compressor Station is therefore subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a new discharge plan will be assessed a fee equal to the filing fee plus either a flat fee or discharge fee.

The filing fee is fifty (50) dollars for each new discharge plan application. The \$50 filing fee is due immediately and is nonrefundable.

The remainder of the "total fee" for gas compressor stations falls under the "flat fee" category and is determined by the maximum number of horsepower available. The flat fee for your proposed 4475 horsepower compressor station is one-thousand, three-hundred and eighty dollars (\$1380). The flat fee for an approved discharge plan 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. Sandy Fishler
November 5, 1991
Page 2

Please make all checks out to the **NMED - Water Quality Management** and send to the OCD Santa Fe Office. If you have any questions, please do not hesitate to contact me at (505) 827-5884.

Sincerely,



Roger C. Anderson
Environmental Engineer

Enclosure

xc: OCD Aztec Office



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

September 30, 1991

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

CERTIFIED MAIL
RETURN RECEIPT NO P-327-278-259

Ms. Sandy Fishler
Williams Field Services Company
P.O. Box 58900
Salt Lake City, Ut 84158-0900

Re: Discharge Plan GW-87
Cedar Hill Compressor Station
San Juan County, New Mexico

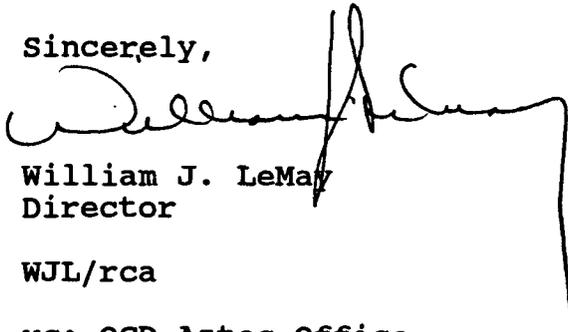
Dear Ms. Fishler:

The Oil Conservation Division (OCD) has received your request, dated September 26, 1991, for authorization to discharge without an approved discharge plan. The discharge plan application for the above referenced facility was received by the OCD on September 27, 1991.

Pursuant to Water Quality Control Commission (WQCC) Regulation 3-106.B. and for good cause shown, authorization to discharge without an approved discharge plan for 120 days, to December 30, 1991, is hereby granted. This authorization will allow sufficient time for the OCD to review your application.

If you have any questions, please call Roger Anderson at (505) 827-5884.

Sincerely,



William J. LeMay
Director

WJL/rca

xc: OCD Aztec Office

AFFIDAVIT OF PUBLICATION

COPY OF PUBLICATI

No. 28421

STATE OF NEW MEXICO,
County of San Juan:

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

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

First Publication SUNDAY, OCTOBER 6, 1991

Second Publication _____

Third Publication _____

Fourth Publication _____

and that payment therefore in the amount of \$ 37.14 has been made.

Christine Hill

Subscribed and sworn to before me this 11th day of OCTOBER, 1991.

Connie Andrae

Notary Public, San Juan County,
New Mexico

My Comm expires: JULY 3, 1993

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 application has 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-87) - Williams Filed Service, Robert A Peacock, Project Manager, P. O. Box 58900, M. S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the proposed Cedar Hill Compressor Station located in the SW/4 SW/4, Section 38, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of wash down water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. The quality of the waste water will be determined after start-up of the facility. Groundwater most likely to be affected by an accidental discharge is depth of approximately 160 feet with a total dissolved solids concentration ranging from of approximately 600 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 5:00 p. m. Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disprove 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 30th day of September, 1991.

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

SEAL

Legal No 28421 published in the Farmington Daily Times, Farmington, New Mexico on Sunday, October 6, 1991

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

STATE OF NEW MEXICO
County of Bernalillo ss

OIL CONSERVATION DIVISION
Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2068, Santa Fe, New Mexico 87504-2068, Telephone (505) 827-5800:

(GW-87) - Williams Field Services, Robert A. Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the proposed Cedar Hill Compressor Station located in the SW/4 SW/4, Section 28, Township 32 North, Range 18 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of wash down water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. The quality of the waste water will be determined after start-up of the facility. Groundwater most likely to be affected by an accidental discharge is depth of approximately 160 feet with a total dissolved solids concentration ranging from or approximately 800 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 Discharge Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of September, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
s/William J. Lamy
Director

Journal: October 10, 1991

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.....10.....day
of.....Oct....., 1991, and the subsequent consecutive
publications on....., 1991.

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this10..... day of.....Oct....., 1991.

PRICE.....\$23.70.....

Statement to come at end of month.

CLA-22-A (R-12/91) ACCOUNT NUMBER.....C81184.....

SPECIAL SEAL
Armedette Ortiz
ARMEDETTE ORTIZ
PUBLIC-NEW MEXICO
SECRETARY OF STATE
es 12-18-93

WILLIAMS FIELD SERVICES COMPANY 
ONE OF THE WILLIAMS COMPANIES

P.O. BOX 58900
SALT LAKE CITY, UTAH 84158-0900
801-583-8800

September 26, 1991

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

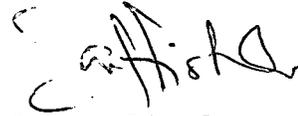
RE: Cedar Hill Compressor Station

Dear Mr. Anderson:

A discharge plan for the Cedar Hill Compressor Station is hereby submitted for your review. Please provide authorization to continue operation of the station pending approval of the plan.

Please do not hesitate to contact me at (801) 584-6730 if you have any questions or comments regarding this submittal.

Sincerely,



Sandy Fishler
Environmental Services

SF/pm

Attachments

0057A

RECEIVED

SEP 27 1991

OIL CONSERVATION DIV.
SANTA FE

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 application has 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:

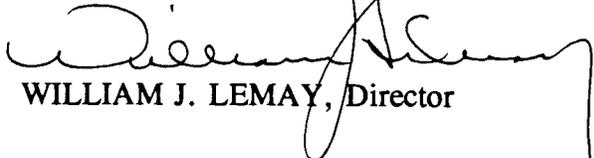
(GW-87) - Williams Field Services, Robert A. Peacock, Project Manager, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the proposed Cedar Hill Compressor Station located in the SW/4 SW/4, Section 28, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of wash down water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. The quality of the waste water will be determined after start-up of the facility. Groundwater most likely to be affected by an accidental discharge is depth of approximately 160 feet with a total dissolved solids concentration ranging from of approximately 600 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 aa.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held., A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of September, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L

DISCHARGE PLAN
FOR CEDAR HILL
COMPRESSOR STATION

RECEIVED

SEP 27 1991

OIL CONSERVATION DIV.
SANTA FE

Williams Field Services

October 1991

1.0 GENERAL INFORMATION

1.1 Legally Responsible Party

Williams Field Services
Cedar Hill Compressor Station
P.O. Box 58900, M.S. 10368
Salt Lake City, Utah 84158-0900
(801) 584-6730

Contact Person

Sandy Fishler
Environmental Specialist
(801) 584-6730
Address, Same as Above

1.2 Location of Discharge

The Cedar Hill Compressor Station is located in the E 1/2, SW 1/4 of Section 28, Township 32 North, Range 10 West, San Juan County, New Mexico. A vicinity map is attached (Cedar Hill NM-CO topographic map) as Exhibit 1. A site plan is provided as Exhibit 2. The cleared site for this Compressor Station is approximately 3.8 acres.

1.3 Type of Natural Gas Operation

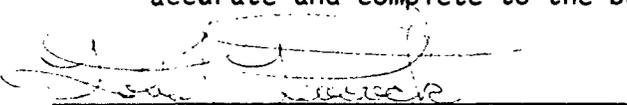
The Cedar Hill Compressor Station will provide metering, compression, and dehydration services to various producers for the gathering of coal seam methane gas (Fruitland Coal Formation) on a contract basis for ultimate delivery through the WFS Milagro Plant (CO₂ removal) near Bloomfield, New Mexico.

Five (5) 895 horse power (site), skid mounted, self contained, natural gas fired lean-burn compressor units and three (3) skid mounted, self contained glycol dehydrators are 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 A. Peacock

Name

September 26, 1991

Date

Project Manager

Title

2.0 GENERAL PROCESSES

2.1 Process Fluids

The station is presently in service; however, construction will not be complete for normal operating mode until sometime in January, 1992. Material Safety Data Sheets for glycol and oil used in the equipment are provided in Appendix A. Table 1 lists the sources and planned disposition of liquid wastes with approximations of the quantity and quality type. 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 Cedar Hill Compressor Station.

2.2 Spill/Leak Prevention and Housekeeping Procedures

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

Environmental Protection is a contractual obligation as follows:

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

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

TABLE 1

Sources and Disposition of
Process Fluids

<u>Source</u>	<u>Disposition</u>	<u>Quantity</u>	<u>Quality Type</u>	<u>Additives</u>
Compressor Engines	Collected Separately in tank	625 gal each quarter	Used Motor Oil	None
Glycol Re-generation	Collected Separately in Evaporation Standpipe	45 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

Spill control measures for tanks on saddle racks will provide overflow and spill containment at the piping and valving at the tank. A drip pan will be placed beneath the catwalk adjacent to the oil filter on each compressor unit to contain spillage during maintenance activities.

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

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

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

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

2.3

Disposal of Waste Fluids

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

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

Distilled water vapor which condenses within the steam line of the glycol regeneration process is collected separately in a standpipe adjacent to each dehydrator. The water is pumped from the standpipe as required and transferred to tank and trucked from the site to an NMOCD authorized disposal facility.

Washdown wastewater from engine deck plates will be 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

The Cedar Hill Compressor Station is located on Bushelberger Mesa, in the east half of the southwest quarter of Section 28, Township 32 North, Range 10 West in San Juan County, New Mexico. The elevation of the station is 6070 feet.

Surface runoff from the area surrounding the site is diverted around the yard and to the southwest. Runoff continues to an ephemeral tributary to the Cox Canyon drainage approximately one mile upstream from the confluence with the Animas River.

Soils are silty clay. Vegetation is sagebrush with roughly 50% cover.

Groundwater associated with alluvium along the Animas River valley, approximately 2,000 feet southeast of the site, is the closest source of groundwater. Groundwater is 160 feet deep. The specific conductance is 1000 umhos/cm; TDS is about 600 mg/L. (USGS 1984 open file report 84-608). Private wells in the alluvium service residents of Cedar Hill, within one half mile of the site.

Decker Spring is approximately 2/3 of a mile northwest and upgradient from the site.

EXHIBIT "A"
MATERIAL SAFETY DATA SHEETS



MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 01/12/89

I. PRODUCT IDENTIFICATION MOBIL PEGASUS 485

SUPPLIER: MOBIL OIL CORP. CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES USE OR DESCRIPTION: INDUSTRIAL LUBRICANT HEALTH EMERGENCY TELEPHONE: (212) 883-4411 TRANSPORT EMERGENCY TELEPHONE: (800) 424-9300 (CHEMTREC) PRODUCT TECHNICAL INFORMATION: (800) 662-4525

II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: ASTH 5.0 LIQUID 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 BOILING POINT F(C): > 600(316) RELATIVE DENSITY, 15/4 C: 0.89 VAPOR PRESSURE-MM HG 20C: < .1 ODOR: MILD PH: NA POUR POINT F(C): 10(-12) SOLUBILITY IN WATER: NEGLIGIBLE

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.

Mobil

MOBIL PEGASUS 485

605816

PAGE 2 OF 5

***** 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: ADSORBS 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/RG 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.



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***** 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

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

CONOCO**MATERIAL SAFETY DATA SHEET****I. MATERIAL IDENTIFICATION**

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

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

II. HAZARDOUS INGREDIENTS**HAZARD DATA**

Hazard Determination:

Health Effect Properties:
 Ethylene glycol

Toxic to nervous system, kidney and liver.

Physical Effect Properties:
 Product/Mixture: None.

Not Applicable.

III. PHYSICAL DATA

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

Boiling Point (Deg.F)	320	Specific Gravity (H ₂ O=1)	1.125
Vapor Pressure (mmHg)	0.05	% Volatile (by volume)	Not Applicable
Vapor Density (Air=1)	2.14	Evaporation Rate (=1)	Not Applicable
Solubility in Water	Completely		

IV. REACTIVITY DATAStable: **X** Unstable:

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

Conditions To Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

72-62-7#20-01

**MATERIAL SAFETY
DATA SHEET**

ETHYLENE GLYCOL

SECTION V-HEALTH HAZARD DATA (CONTINUED)

- IF IN EYES, FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.
- IF SWALLOWED, IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER GIVING TABLETS OF IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.
- IF BREATHED, IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION, KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

PRIMARY ROUTE(S) OF ENTRY:

- INHALATION
- INGESTION

SECTION VI-REACTIVITY DATA

- HAZARDOUS POLYMERIZATION: CANNOT OCCUR
- STABILITY: STABLE
- INCOMPATIBILITY: AVOID CONTACT WITH, STRONG OXIDIZING AGENTS.

SECTION VII-SPILL OR LEAK PROCEDURES

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

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

WASTE DISPOSAL METHOD:

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

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

- RESPIRATORY PROTECTION: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.
- VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
- PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS, NITRILE RUBBER
- EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)
- OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

- CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPYIED, SINCE EMPYIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.
- ETHYLENE GLYCOL HAS BEEN SHOWN TO PRODUCE DOSE-RELATED TERATOGENIC EFFECTS IN RATS AND MICE WHEN GIVEN BY GAVAGE OR IN DRINKING WATER AT HIGH CONCENTRATIONS. WHILE THERE IS NO CURRENTLY AVAILABLE INFORMATION TO SUGGEST THAT ETHYLENE GLYCOL HAS CAUSED BIRTH DEFECTS IN HUMANS IT IS RECOMMENDED THAT EVERY EFFORT SHOULD BE MADE TO PREVENT THE INGESTION OF ANY ETHYLENE GLYCOL AND TO KEEP PERSONNEL EXPOSURE BELOW THE ACTION TLV.
- OVEREXPOSURE TO COMPONENTS HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS, KIDNEY DAMAGE
- OVEREXPOSURE TO COMPONENTS HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS, LIVER LESIONS.

B

EXHIBIT "B"
SPILL CONTROL PROCEDURES



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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

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Barrie B-M Callaway *EL England*



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

- **C.1.3 Oil, for the purpose of this document, means oil of any kind or in any form, including but not limited to petroleum, fuel oil, Y grade, mixed products, sludge, oil refuse, and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) are not considered to be oil.
- *C.1.4 Facilities which could discharge or spill oil or hazardous substances into a watercourse must comply with the required federal, state, or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake, or standing body of water capable of collecting or transporting an oil or hazardous substance.
- *C.1.5 Facilities which are subject to the requirements stated in this policy are as follows:
 - a. Non-Transportation Related Facilities
 - (1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.
 - (2) Underground storage facilities having a total capacity in excess of 42,000 gallons.
 - b. Transportation Related Facilities
 - (1) All vehicles, pipeline facilities, loading/unloading facilities, and other mobile facilities which transport oil or hazardous substances.
- **C.1.6 Each Northwest Pipeline location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan will also identify all hazardous substance storage vessels at the facility and the spill prevention measures in place to control discharges or spills.
- C.1.7 The District Superintendent is responsible for spill prevention. These duties include, but are not limited to, the following:
 - a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.
 - b. Conducting briefings for operating personnel in sufficient intervals to assure adequate understanding of the Spill Plan at that facility. Briefings should highlight and describe known discharges or spills, and recently developed precautionary measures.
- *C.1.8 Each individual facility should be inspected, at least annually, by the District Superintendent or designee to determine the potential for discharges or spills of oil or hazardous substances. These inspection reports must be retained for three years. All facilities which have the potential for discharging or spilling oil or hazardous substances into a watercourse are required to have the following preventive measures:

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- 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

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

Gas Dispatch Personnel

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

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

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

Area Manager

- D.1.5 Coordinates containment and clean-up of discharge or spill with the District Superintendent.
- D.1.6 If the discharge or spill is too large for Company personnel to contain, contacts qualified local contractors for assistance. See Attachment B.
- D.1.7 Advises Environmental Services by telephone if emergency containment or clean-up assistance from a state agency or a response team from the U.S. Coast Guard is required.

Environmental Services

- **D.1.8 Contacts Legal Department (and Right-of-Way Department, if appropriate) and assesses reporting requirements to state and federal agencies.
- **D.1.9 Makes appropriate contacts with U.S. Coast Guard and state agencies when necessary.
- **D.1.10 If spill is significant, dispatches Environmental Specialist to scene to oversee cleanup and reporting responsibilities.

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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.

*Revised
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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"> 1. Closes appropriate block valves. 2. Contains discharge or spill by: ditching covering, applying sorbents, constructing 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. 	<ol style="list-style-type: none"> 1. Straw 2. Loose Earth 3. Oil Sorbent - 3M Brand 4. Plain Wood Chips 5. Sorb - Oil Chips - Banta Co. 6. Sorb - Oil Swabs - Banta, Co. 7. Sorb - Oil Mats - Banta Co.
B. Vehicle	<ol style="list-style-type: none"> 1. Contains discharge or spill by: ditching covering surface with dirt, constructing earthen dams, applying sorbents, or burning. 2. Notifies immediately the Compliance and Safety Department and if there is any imminent danger to local residents notifies immediately the highway patrol or local police officials. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. <p>**NOTE: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.</p>	
C. Bulk Storage Tanks or any other Facilities	<ol style="list-style-type: none"> 1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam, or burning. 2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. 	

*Revised
**Added

Supersedes Division Policy and Procedure 12.10.020 dated October 10, 1985

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Section Operating & Maint.	Tab 10	Document No 12.10.020
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Subject or Title

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

ATTACHMENT B

*Contractors Available for Discharge or Spill Containment

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	Foor of N. Portsmouts Emergency: 800-334-0004	503-286-4656

Available for all NWP locations)

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

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Manual		
Policy and Procedure		
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Subject or Title
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) 1-208-334-2241

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

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

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

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

State of Wyoming
 Water Quality Div. - Dept. of Environmental Quality . (24 hour) . 1-307-777-7781

United States Coast Guard 1-800-424-8802

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

*Revised
 **Added

Supersedes Division Policy and Procedure 12.10.020 dated October 10, 1985

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Manual Policy and Procedure		
Section Operating & Maint.	Tab 10	Document No 12.10.020
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Subject or Title

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

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 Puntaney)	307-276-3210
Skyline Construction	Big Piney, WY (Rod Bennett)	307-276-3383

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

*Specify

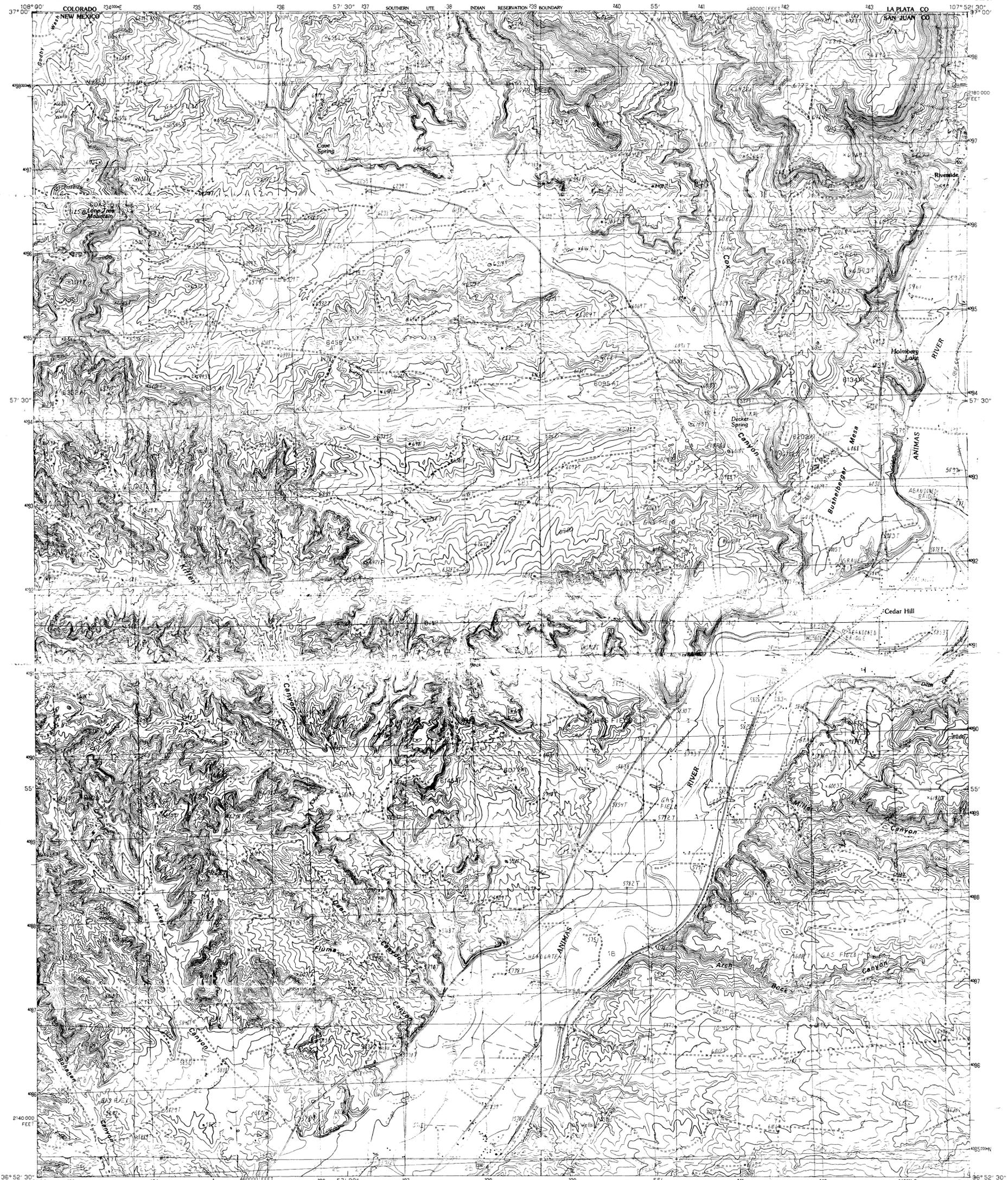
**Attach Additional Sheets if Necessary

RECEIVED

SEP 27 1991
OIL CONSERVATION DIV.
SANTA FE

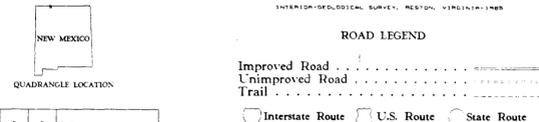
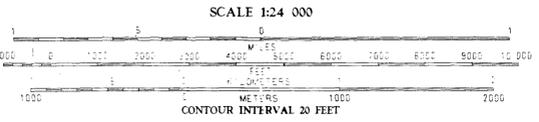
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CEDAR HILL QUADRANGLE
NEW MEXICO-COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1961
FIELD CHECKED 1981 MAP EDITED 1985
PROJECTION TRANSVERSE MERCATOR
GRID 600-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
8000-FOOT STATE GRID TICS NEW MEXICO, WEST ZONE
COLORADO, SOUTH ZONE
UTM GRID DECLINATION 14° 46' WEST
1983 MAGNETIC NORTH DECLINATION 12° EAST
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM 1927 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 56 meters east)
There may be private inholdings within the boundaries of any
Federal and State Reservations shown on this map
All marginal data and lettering generated and positioned by
automated type placement procedures

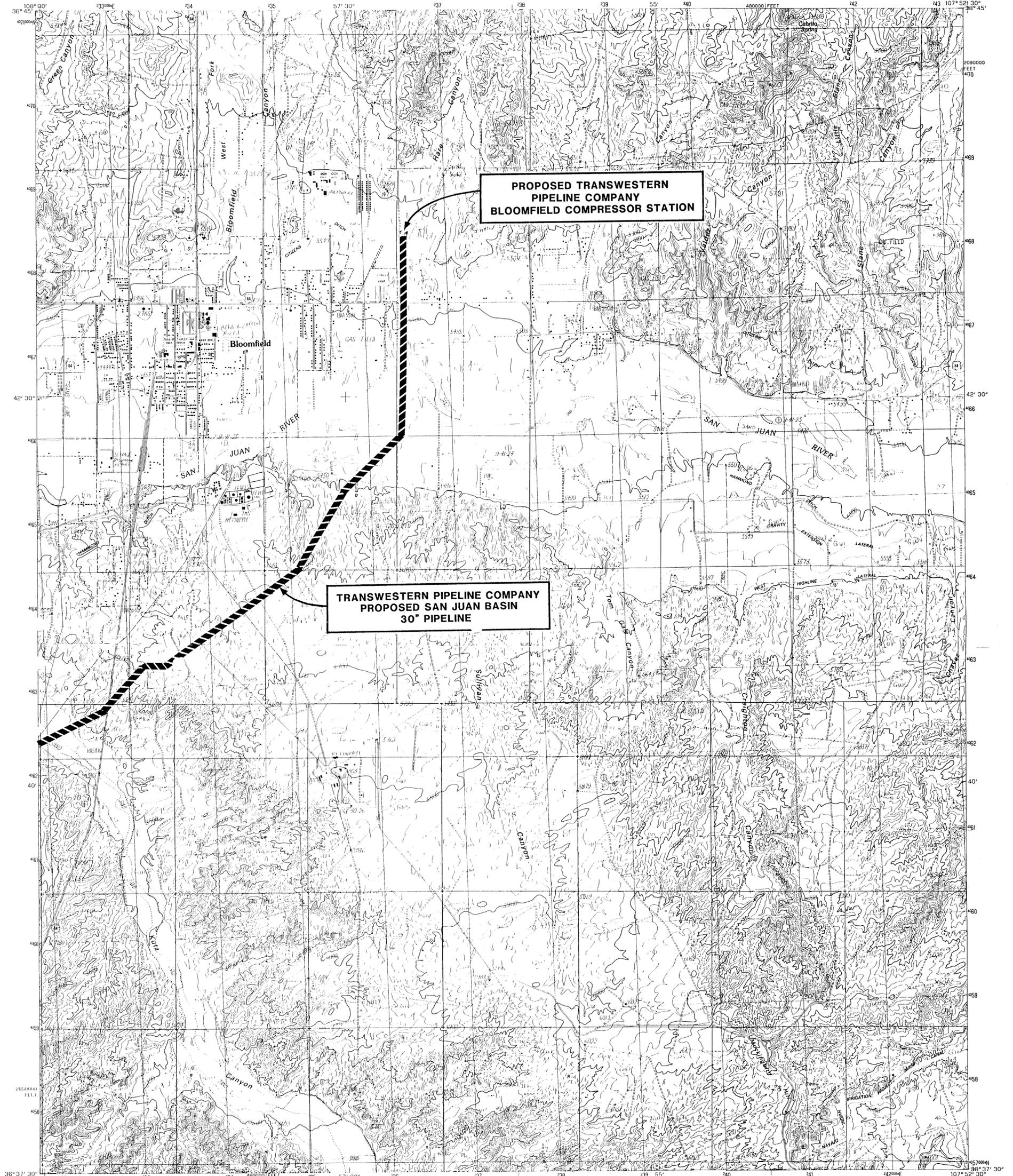
PROVISIONAL MAP
Produced from original
manuscript drawings. Informa-
tion shown as of date of
field check. 2



1	2	3	1 Pikes Peak
4	5	2 Long Mountain	3 Round Hill
6	7	4 Adobe Domes Ranch	5 Round Hill
		6 Mesa Vista	7 Adobe Domes Ranch
		8 Adobe Domes Ranch	9 Adobe Domes Ranch

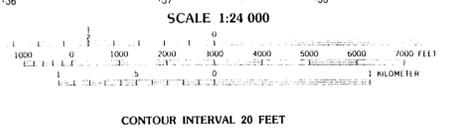
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

CEDAR HILL, N. MEX.-COLO.
PROVISIONAL EDITION 1985
96107418-T1-024



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY USGS, INDIANAPOLIS, INDIANA
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 TICKS NEW MEXICO, WEST ZONE
UTM GRID DECLINATION 1°45' WEST
1985 MAGNETIC NORTH DECLINATION 13' EAST
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PROVISIONAL MAP
Produced from original
manuscript drawings. Infor-
mation shown as of date of
field check.



NEW MEXICO

ROAD LEGEND

- Improved Road
- Unimproved Road
- Trail
- Interstate Route
- U.S. Route
- State Route

QUADRANGLE LOCATION

1	2	3	4	5	6	7	8

ADJOINING 7.5 QUADRANGLE NAMES

1 Elora Vista
2 Arnie
3 Turkey
4 Hark Canyon
5 Blanco
6 Gallegos Trading Post
7 East Fork Kutz Canyon
8 Huerfano Peak

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

BLOOMFIELD, NEW MEXICO
PROVISIONAL EDITION 1985
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