GW - 91

GENERAL CORRESPONDENCE

YEAR(S):

2006 - 1989

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

November 7, 2007

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

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

Dear Mr. Lowe,

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

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

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

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

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

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

Respectfully submitted,

David Bays
Senior Environmental Specialist

Attachment

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

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

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

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

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

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

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

July 3, 2006

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Richard Bennett Trustees
227 Bellvue Way, NE #198
Bellevue, WA 98004-8004

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 32-9 Central Delivery Point (GW-091). 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 14, Township 31 North, Range 10 West, San Juan County, New Mexico, approximately 9 miles northeast 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 to 500 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 0004 6801 7004

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Sent To: Richard Bennett Trustees
Street, Apt. No.; or PO Box No.: 227 Bellevue Way NE #198
City, State, ZIP+4: Bellevue WA 98004-8004

PS Form 3800, June 2002 See Reverse for Instructions

Cirrus Consulting, LLC

1828 E. Harrison Ave, Salt Lake City, UT 84108
Voice Line: (801) 583-3107
ideklau@cirrusllc.com

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Thanks!
Ingrid

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

July 3, 2006

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Bureau of Land Management
1235 N. La Plata Highway
Farmington, NM 87401

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 32-9 Central Delivery Point (GW-091). 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.

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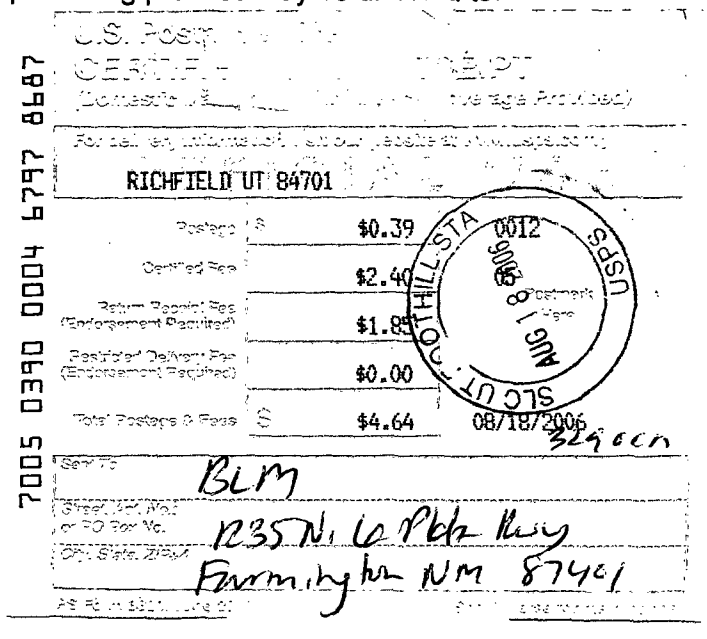
Director of the Oil Conservation Division
1220 South Saint Francis Dr.
Santa Fe NM 87505

Respectfully submitted,

Monica Sandoval
Environmental Compliance Administrator



Cirrus Consulting, LLC

1828 E. Harrison Ave, Salt Lake City, UT 84108
Voice Line: (801) 583-3107
ideklau@cirrusllc.com

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Thanks!
Ingrid

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

July 3, 2006

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Val Verde Gas Gathering
Attn: Property Tax
PO Box 1642
Houston, TX 77251-1642

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 32-9 Central Delivery Point (GW-091). 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.

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1220 South Saint Francis Dr.
Santa Fe NM 87505

Respectfully submitted,

Monica Sandoval
Environmental Compliance Administrator

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Total Postage & Fees	$ $4.64	08/21/2006

Sent To: Val Verde Gas Gathering
Street, Apt. No.; or PO Box No.: PO Box 1642
City, State, ZIP+4: Houston TX 77251-1642

PS Form 3800, June 2002

2006 AUG 23 AM 11 44

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

August 22, 2006

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

Re: Change of Company Name

Dear Mr. Price;

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

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

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

Sincerely,

David Bays

David Bays
Senior Environmental Specialist

Attachments

xc: Clara Cardoza
Monica Sandoval
WFS FCA file 210

Williams

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

February 27, 2002

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

Re: **32-9 CDP Compressor Station (GW-091) Discharge Plan Modification**

Dear Mr. Ford:

Please be advised WFS that a sixth compressor and a fifth dehydrator have been installed at the site. The installation included three additional tanks: a 500-gallon lube oil tank, a 100-gallon glycol tank, and a 50-gallon glycol overflow tank. The new compressor and dehydrator locations are highlighted on attached facility plot plan. An updated OCD Discharge Plan Table 2 is attached.

Containment is provided a concrete pad and the dehydrator skid, which are connected to the wastewater collection system. The containment is at least 133% of the tank capacity.

Please make note of this change in the facility's Discharge Plan.

If you have any questions or require additional information, I can be reached at (505) 634-4956.

Sincerely

Ethel Holiday
Environmental Compliance Specialist

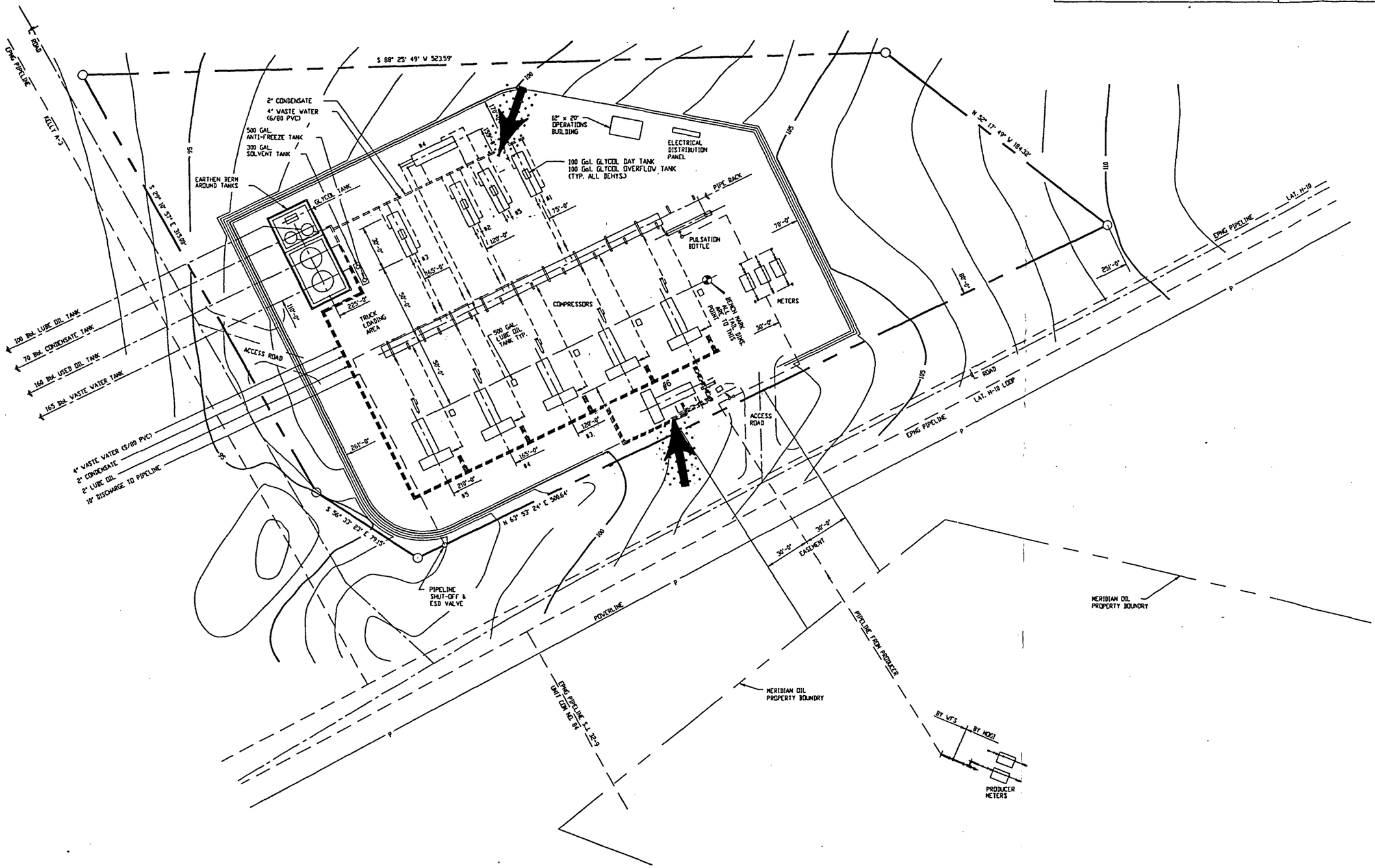
Attachments: 32-9 CDP Compressor Plot Plan
OCD Discharge Plan Table 2
Xc: Denny Foust, Aztec OCD

TABLE 2
TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS
32-9 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	160 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	Below-grade vaulted 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	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a WFS or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Spill Residue (i.e., soil, gravel)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Non-exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Glycol	Above ground storage tanks	500 gallons (5) 100 gallons (5) 50 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Solvent	Above ground storage tank	300 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above ground storage tanks	100 bbl (6) 500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS



REFERENCE DRAWINGS				REFERENCE DRAWINGS			
DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE

REVISIONS															
NO.	DATE	BY	DESCRIPTION	V.D.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	V.D.NO.	CHK.	APP.
							02	8-21-98	PHIL	CHANGED TAB INDEX NUMBER	--		
							1	08/03/98	BES	CHANGED TO NEW TITLEBLOCK STANDARD			

DRAFTING	BY	DATE
DRAWN BY	BES	8-3-98
CHECKED BY		
APPROVED BY		
ENGINEER	**BY**	**DATE**
DESIGNED BY		
PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

32-9 C.D.P. COMPRESSOR STATION
SPILL PREVENTION CONTROL & COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'-0"
V.D. NO. --
DWG NO. 329-1-P13
SHEET 1 OF 1
REV 02

S:\WORK\PLOTS\329-1-P13.DWG 8/21/98 BES.DAN PHIL

Williams
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	
Keblah 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;

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

RE: Drain Line Testing
Williams Field Services 32-9 CDP
San Juan County, New Mexico

Dear Mr. Bareta,

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 32-9 CDP 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 20, 2001. The work was completed on October 1, 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.

AMEC Earth & Environmental, Inc.
2060 Afton Place
Farmington, New Mexico, USA
Tel 1+505-327-7928
Fax 1+505-326-5721
www.amec.com

Williams Field Services
Drain Line Testing-32-9 CDP
Phase 3, Task 11
October 29, 2001

AMEC appreciates the opportunity to perform these services at the 32-9 CDP for WFS. Should you have any questions, please feel free to contact our office at 327-7928.

Respectfully submitted,

AMEC Earth & Environmental, Inc.

Robert Thompson
Project Manager

Attachments: Daily Summary of Line Testing

Copies: Addressee (3)

Hydrostatic Line Testing Form

amec

AMEC Project Number: 1517000064 **Client:** Williams Field Services

Task: 11 **Facility Name:** 32-9 CPD Compressor

Test Description: From SW clean out To Tank and Dehydrator.

~~System Description~~: Drain System

Test Medium: Water **Test Pressure:** 3 PSI **Test Date:** 9-25-01

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.

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
3:36 P	4:40 P	85½" WC	PASS	SW CO To Tank & Dehy. System.

Review and Approvals:

Bruce Hare	Bruce Hare	9-25-01
AMEC Representative Signature	Printed Name	Date
Bryant Roundy	Bryant Roundy	9/25/01
Client Representative Signature	Printed Name	Date

Hydrostatic Line Testing Form

amec

AMEC Project Number: 1517000064 **Client:** Williams Field Services

Task: 11 **Facility Name:** 32-9 CPD Compressor

Test Description: Test Compressor units #3, 4, & 5

System Description: Waste water Drains on Compressors

Test Medium: Water **Test Pressure:** 3 PSI **Test Date:** 9-25-01

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.

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
2:30P	3:30P	92"WC	PASS	Drain lines on units 3, 4, & 5

Review and Approvals:

Bruce Hare	Bruce Hare	9-25-01
AMEC Representative Signature	Printed Name	Date
Bryant Roundy	Bryant Roundy	9-25-01
Client Representative Signature	Printed Name	Date

Hydrostatic Line Testing Form

amec

AMEC Project Number: 151700006 **Client:** Williams Field Services

Task: 11 **Facility Name:** 32-9-CDP Compressor

Test Description: Hydrostat water

System Description: Sch 80 PVC 4" main 2" LAT

Test Medium: Water **Test Pressure:** 3 PSI **Test Date:**

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/waste-water pipelines at 3 pounds per square inch for a period of one hour.

Test Data:

Start	Stop	Pressure	Pass/Fail	Lines Tested
11:06A	12:15P	97½" wc	Pass	1,2,3,+6 Compressors + New Main Line. Tested To Down stream of #3 Tie in.

Review and Approvals:

Bruce Hare	Bruce HAre	9-28-01
AMEC Representative Signature	**Printed Name**	**Date**
Bryant Roundy	BRYANT ROUNDY	9-28-01
Client Representative Signature	**Printed Name**	**Date**

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

November 30, 2001

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

Dear Sir or Madam:

Enclosed please find, check number 1000388005 for $17,000.00, to cover the fees for the following discharge plans:

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

Your assistance in processing this fee is greatly appreciated.

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

Thank You,

Ethel Holiday
Environmental Compliance

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

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

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

from See Attached List

for _____

Submitted by: _____ Date: 12/4/01

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal ✓

Modification ___ Other _____

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

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

Williams.

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

70-2322 / 719
A/C 9401076

[redacted]

DATE: 11/29/2001

PAY TO THE ORDER OF:

PAY ➔ *****$17,000.00

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

SANTA FE NM 87504
United States

Bank One, NA
Illinois

Authorized Signer

MA1353 (10/99)

[redacted]

THE SANTA FE
NEW MEXICAN
Founded 1849

NM OIL CONSERVATION DIVISION
ATTN: ED MARTIN
1220 SO. ST. FRANCIS DRIVE
SANTA FE, NM 87505

AD NUMBER: 230858 ACCOUNT: 56689
LEGAL NO: 70189 P.O.#: 02199000249
290 LINES 1 time(s) at $ 127.83
AFFIDAVITS: 5.25
TAX: 8.32
TOTAL: 141.40

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, MM Weideman 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 #70189 a copy of which is hereto attached was published in said newspaper 1 day(s) between 10/12/2001 and 10/12/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 12 day of October, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ MM Weideman
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
12 day of October A.D., 2001

Notary Janet L. Montoya

Commission Expires 12/30/03

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

AFFIDAVIT OF PUBLICATION

Ad No. 45130

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, 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, October 10, 2001.

And the cost of the publication is $113.40.

Connie Pruitt

ON 10/15/01 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Jenny Beck

My Commission Expires April 02, 2004

COPY OF PUBLICATION

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to 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-091) - 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 32-9 CDP Compressor Station located in the NE/4 SE/4, Section 15, and NW/4 SW/4, Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of waste water is collected in a covered above grade steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 500 feet with a total dissolved solids concentrations of approximately 300 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-271) - 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 Kernaghan Compressor Station located in the SW/4 NW/4, Section 29, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a covered above grade receptacle 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 570 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-274) - 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 Kernaghan B-8 Compressor Station located in the SE/4 SW/4, Section 33, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a covered above grade receptacle 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 410 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 2nd day of October, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Legal No. 45130, published in The Daily Times, Farmington, New Mexico, Wednesday, October 10, 2001.

N OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 2nd day of October, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director
Legal #70189
Pub. October 12, 2001

Ford, Jack

From: Martin, Ed
Sent: Thursday, October 04, 2001 1:04 PM
To: Santa Fe New Mexican (E-mail)
Cc: Ford, Jack; Anaya, Mary
Subject: Legal Notices

Please publish the attached legal notices, one time only, on or before Friday, October 12, 2001.

Upon publication, please send to this office:

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

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

Thank you.


Publ. Notice GW-073.doc


Publ. Notice GW-091,271,274.do...

Ford, Jack

From: Martin, Ed
Sent: Thursday, October 04, 2001 1:09 PM
To: Farmington Daily Times (E-mail)
Cc: Ford, Jack; Anaya, Mary
Subject: Legal Notices

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Upon publication, please send to this office:

1. Publisher's affidavit.
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Thank you.

Publ. Notice
GW-091,271,274.do...

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 2nd day of October, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

Ford, Jack

From: Ford, Jack
Sent: Tuesday, October 02, 2001 10:45 AM
To: Martin, Ed
Subject: Public Notice for GW-091, GW-271 & GW-274

091PUB.DOC

NOTICE OF PUBLICATION

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

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

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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 2nd day of October, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

for LORI WROTENBERY, Director

OIL CONSERVATION DIV.

01 JUL 23 PM 1:06

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

July 13, 2001

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

Re: Discharge Plan Application Renewal and Filing Fee

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application renewal and check number 1000318741 for $700.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- Coyote Springs GW-250
- Kernaghan GW-271
- Pritchard - GW-274
- Trunk A - GW-248
- Trunk B - GW-249
- Trunk C - GW-257
- 32-9 CDP - GW-091

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,

Clara M Garcia
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/11/01

or cash received on _____ in the amount of $ 700.00

from Williams Field Services

for Coyote Springs - 250 Prichard - 274 Trunk B - 245 32-9 CDP-09
Kernaghan - 211 Trunk A - 248 Trunk C - 257
(Facility Name) (CDP No.)

Submitted by: _____ Date: 7/23/01

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ✓

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

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

Williams

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

20-2322/719
A/C 9401076

[redacted]

DATE: 07/11/2001

PAY TO THE ORDER OF:

PAY ********$700.00

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

SANTA FE NM 87504
United States

Bank One, NA
Illinois

Authorized Signer

MA1353 (10/99)

COPYRIGHT ANTI-FRAUD PROTECTION - PATENTS 4,210,346; 4,227,720; 4,310,180; 5,197,765; 5,340,158

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

[redacted]

Expires 1/23/2002

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

GW-91
Filing Fee Paid

☐ New ☑ Renewal ☐ Modification

1. Type: Compressor Station (32-9 CDP Compressor Station)

2. Operator: Williams Field Services Company

   Address: 188 CR 4900, Bloomfield, New Mexico 87413

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

San Juan

3. Location: NE/4 SW/4 Section 14 Township 31 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. Bareta Title: Senior Environmental Specialist

Signature: Clara Barela for Date: July 13, 2001

DISCHARGE PLAN RENEWAL

32-9 CDP COMPRESSOR STATION
(GW-091)

Williams Field Services Company

June 2001

Table of Contents

List of Tables

List of Figures - All figures follow Section XI

List of Appendices

I. TYPE OF OPERATION

The 32-9 CDP Compressor Station was built in 1991 to provide metering, compression, and dehydration services to various producers for the gathering of coal seam methane gas for treatment and delivery through Williams Field Services (WFS) Milagro Plant.

II. LEGALLY RESPONSIBLE PARTY

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

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

III. LOCATION OF FACILITY

The 32-9 CDP Compressor Station is located in Section 14, Township 31 North, Range 10 West, in San Juan County, New Mexico, approximately 9 miles northeast of Aztec, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangle: Mount Nebo, 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:

Bureau of Land Management
1235 N. La Plata Highway
Farmington, NM 87401
(505) 599-8900

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 five-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.

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

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

TABLE 1
SOURCE, QUANTITY, AND QUALITY OF EFFLUENT AND WASTE SOLIDS
32-9 CDP COMPRESSOR STATION

PROCESS FLUID/WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Used Oil	Compressor	1000–2000 gal/year/engine.	Used motor oil w/no additives
Used Oil Filters	Compressor	50-100 filters/year/engine	No additives
Wash-down Water	Compressor Skid	500-1500 gal/year/engine	Biodegradable Soap and tap water w/traces of used oil
Natural Gas Condensate	Scrubber, Gas Inlet Separator	2000-4000 bbl/year	No additives
Waste Water	Drawn of Natural Gas Condensate Tank	100-500 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. Table 2 describes the transfer, storage and disposal of exempt and non-exempt process fluids, effluents, and waste solids expected to be generated at the site.

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

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

TABLE 2
TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS
32-9 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	160 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	Below-grade vaulted 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	N/A	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.
Glycol	Above ground storage tanks	500 gallons (4) 100 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Solvent	Above ground storage tank	300 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above ground storage tanks	100 bbl (5) 500 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.

VIII. STORM WATER PLAN

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

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

Site Assessment and Facility Controls

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

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

Best Management Practices

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

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

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

IX. INSPECTION, MAINTENANCE AND REPORTING

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

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

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

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

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

XI. SITE CHARACTERISTICS

The 32-9 CDP Compressor Station is located in Arch Rock Canyon, approximately 9 miles northeast of Aztec, New Mexico. The site elevation is approximately 6,230 feet above mean sea level. The natural ground surface topography slopes downward toward the west. The maximum relief over the site is approximately 20 feet. Intermittent flow from the site will follow natural drainage to the west along the Arch Rock Canyon drainage. Arch Rock Canyon drains to the west into Animas River. The Animas River, approximately 3 miles to the west of the site, is nearest down-gradient perennial source of surface water at an elevation of approximately 5,750 feet.

A review of the available hydrologic data[1,2] for this area revealed that there are no water wells within a 1/4-mile radius of 32-9 CDP Compressor Station. The water-bearing unit in this area is the San Jose Formation. The San Jose Formation is the youngest Tertiary bedrock unit. This formation consists of a sequence of interbedded sandstone and mudstone. The estimated ground water depth at the site is 200 to 500 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 parts per million.

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

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

References

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

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

XII. FACILITY CLOSURE PLAN

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

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

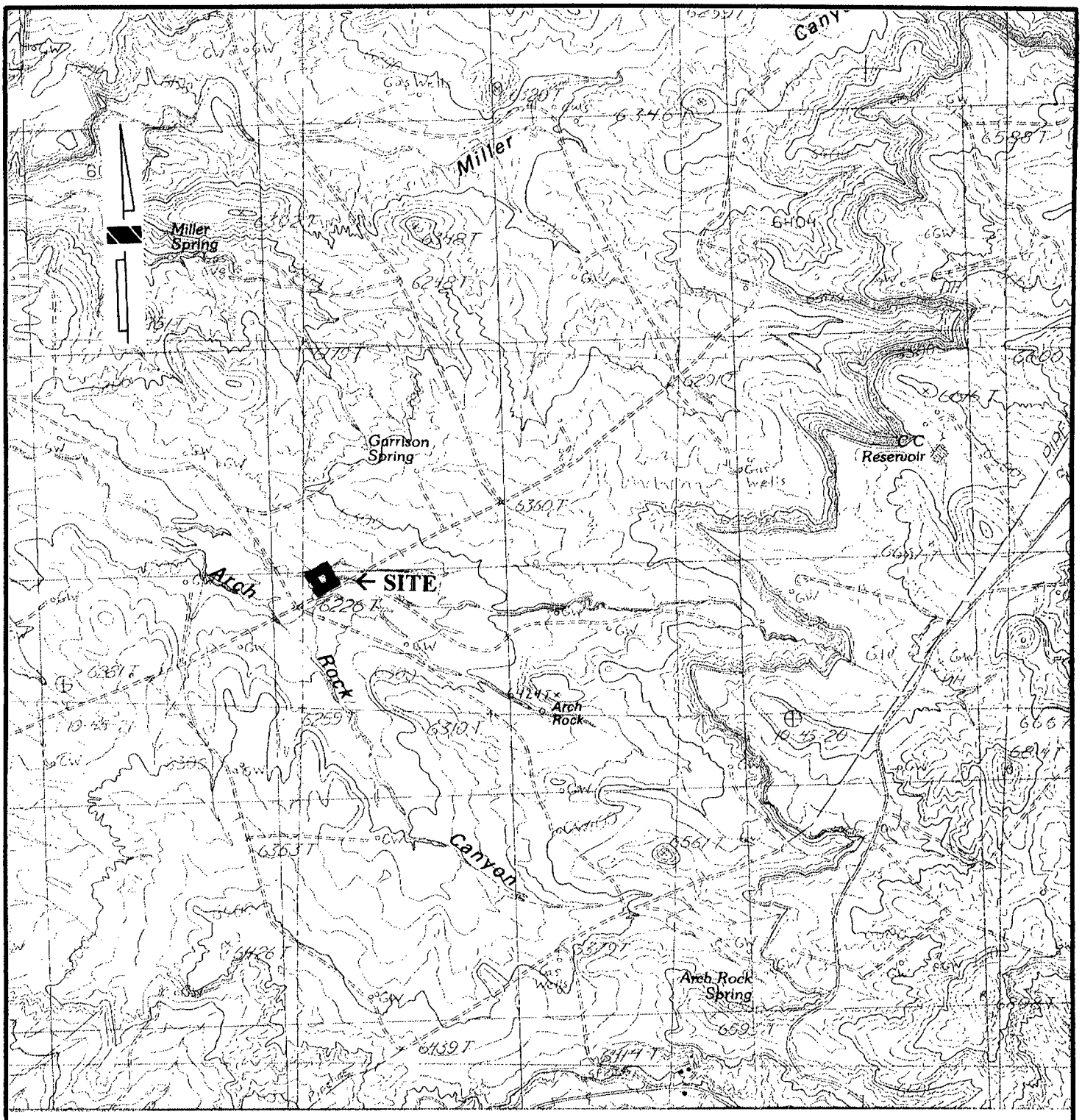
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN



Source: USGS Mount Nebo Quadrangle, New Mexico

Scale: 1" = 2,000'

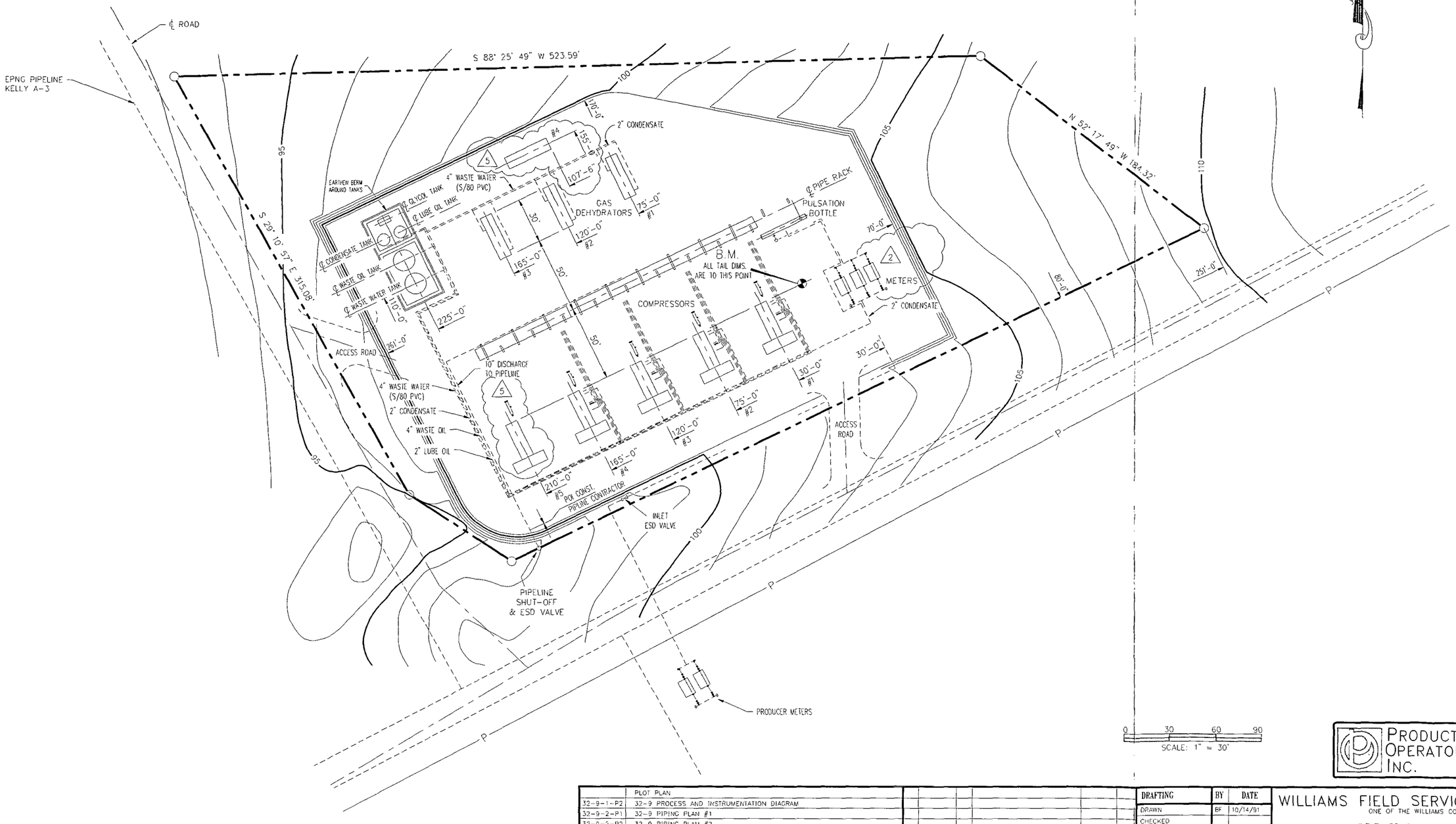
Williams

Figure 1 Site Vicinity / Topographic Map

32-9 CDP Compressor Station

Sections 14, Township 31N Range 10W

San Juan County, New Mexico



PRODUCTION OPERATORS INC.

DWG.No.	DESCRIPTION
	PLOT PLAN
32-9-1-P2	32-9 PROCESS AND INSTRUMENTATION DIAGRAM
32-9-2-P1	32-9 PIPING PLAN #1
32-9-2-P2	32-9 PIPING PLAN #2

REFERENCE DRAWINGS

NO.	DATE	BY	DESCRIPTION	W.O #	APP
2	12/5/97	HFM	ADD COMP #5 & DEHY #4	13755	
1	11/01/94	MMC	ADD UNIT #4	11009	

REVISIONS

DRAFTING	BY	DATE
DRAWN	BF	10/14/91
CHECKED		
APPROVED	RS	10/14/91
ENGINEERING	BY	DATE
C & S REVIEW		
PROJECT APPROVED		
PLOT DATE/TIME	12/4/1997 8:34 A.M.	

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

C.D.P. 32-9
O.C.D. DISCHARGE PLAN

SCALE: 1" = 30'
W.O. # 71722

DWG. NO. 32-9-OCD

APPENDIX A

SPILL CONTROL PROCEDURES

Williams	**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

▸ Document History (ISO9001)

▾ Document Body

1.0 PURPOSE AND SCOPE

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

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

2.0 CONTENTS

3.0 POLICY

3.1 GENERAL

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

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

3.1.3 Hazardous Substance, for purposes of this procedure, is defined as any chemical or

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

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

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

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

d. Section 112 of the Clean Air Act

e. Section 7 of the Toxic Substance Control Act

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

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

3.1.6 Facilities which are subject to the requirements stated in this policy are as follows:

a. Non-Transportation Related Facilities

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

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

b. Transportation Related Facilities

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

3.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all oil and hazardous substance storage vessels (as defined in a.(1) above) at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.

3.1.8 The facility superintendent is responsible for spill prevention. His/her duties include,

but are not limited to, the following:

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

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

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

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

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

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

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

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

3.2 BULK STORAGE TANKS

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

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

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

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

3.3 FACILITY DRAINAGE

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

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

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

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

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

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

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

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

a. Berms or retaining walls

b. Curbing

c. Culverting, gutters or other drainage systems

d. Weirs, booms or other barriers

e. Spill diversion ponds or retention ponds

f. Sorbent materials

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

3.4.1 Aboveground valves and pipelines should be examined regularly by operating

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

3.5 FACILITY TANK CAR AND TANK TRUCK LOADING/UNLOADING RACK

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

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

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

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

4.0 PROCEDURE

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

Any Employee

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

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

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

2. Release leaves Williams property

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

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

- Ammonia
- Antifreeze
- Amine

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

III. Releases of Certain Other Materials Reportable:

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

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

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

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

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

a. Name of company facility and/or location of facility and nature of discharge or spill

b. Description and quantity of emission or substance discharged

c. Description of the circumstances causing the discharge or spill

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

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

f. Water bodies or streams involved

g. Time and duration of discharge or spill

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

Gas Control Personnel

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

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

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

Facility Superintendent

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

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

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

Environmental Affairs

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

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

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

4.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

Facility Superintendent or Designee

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

a. Time and date of discharge or spill

b. Facility name and location

c. Type of material spilled

d. Quantity of material spilled

e. Area affected

f. Cause of spill

g. Special circumstances

h. Corrective measures taken

i. Description of repairs made

j. Preventative measures taken to prevent recurrence.

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

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

ATTACHMENT A
DISCHARGE OR SPILL CONTAINMENT PROCEDURES AND MATERIALS

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

	3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. **Note**: Any vehicle carrying any hazardous or toxic substance will carry a shovel or other ditching device to contain a spill. If the vehicle has sufficient room, sorbent materials should also be carried.
C. Bulk Storage Tanks or any other Facilities	1. Contains discharge or spill by: ditching, covering, applying sorbents, constructing an earthen dam or burning. 2. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning.

APPENDIX B

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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

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

Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

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

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

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

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

* Attach Additional Sheets If Necessary

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

July 9, 2001

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 0692

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:

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

GW-091 expires 1/12/2002 – 32-9 CDP Compressor Station
GW-068 expires 1/17/2002 – Simms Mesa Compressor Station

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

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

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

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

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Aztec District Office

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 5+4	15 units/1370 HP ea	16 units/1370 HP ea	Notice of addi. 9 units 7-97 No ltr ? eff
No Mod. request → OK	32-7 #1 X	GW-117	4 units/895 HP ea ok	6 units/1357 HP ea	8 units/1357 HP ea	
No Mod. → OK request	32-8 #2 X	GW-111	4 units/895 HP ea 4+2	5 units/1357 HP ea	9 units/1357HP ea	Notice on renewal
OK	HORSE CYN. CDP ok	GW-61	4 units/895 HP ea 14	6 units/1390 HP ea	14 units/1390 HP ea	
OK	MIDDLE MESA CDP X	GW-64	10 units/895 HP ea 10+4	19 units/1362 HP ea	20 units/1362 HP ea	(mod. to 14 units '94
OK	PUMP MESA CDP ok	GW-63	6 units/895 HP ea 6+6	10 units/1363 HP ea	14 units/1363 HP ea	(14 units in renewal application
OK	TRUNK N C.S. ok	GW-306	5 units/1140 HP ea	6 units/1140 HP ea	8 units/1368 HP ea	(6 units in appl. '95)
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	(up to 8 units in renewal eff. '98)
	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 4+3	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 OK 5-71	7 units/1386 HP ea	10 units/1386 HP ea	OK
	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. 5+2	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	-change hp rating
	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	

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

September 14, 1998

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

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

Dear Mr. Ford:

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

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

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

Sincerely,

Ingrid Deklau
Environmental Specialist

XC: Denny Foust, NM OCD

GW-091

PIPELINE FACILITY TEST REPORT

FORM 910 1239 (1-94)

1-WORK ORDER NO. 70-386-7500-29

FACILITY DESCRIPTION

2-NAME OF FACILITY: 32-9 CDP

3-FACILITY LOCATION: AREA San Juan; DISTRICT Manzanares; COUNTY/STATE San Juan N. Mex.

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

3A-SECTION 14; TOWNSHIP 31-N; RANGE 10-W

5-PIPE MANUFACTURER P.V.C.

6-PIPE DATA: DIAMETER 2" & 4"; WALL THICKNESS Sch-80; SPEC. & GRADE Sch-80 PVC.; LENGTH OF TEST SECTION Plant Piping

7-DESCRIPTION OF PORTION TESTED (FROM — TO) waste water system inside plant yard

TEST SPECIFICATIONS

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

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

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

11-PRESSURE DATA: PRELIMINARY LEAK PRESSURE; BEGIN STATION MINIMUM PRESSURE; END STATION MINIMUM PRESSURE; REQUIRED TEST PRESSURE 3 PSI.; HIGH POINT MINIMUM PRESSURE; LOW POINT MAXIMUM PRESSURE; REQUIRED TEST DURATION 1 hr.; TEST LIMITATIONS (VALVES, FITTINGS, ETC.); TEST MEDIUM Water

TEST RESULTS

12-TEST START: DATE 6-30-98 HOUR 3:00 PM

13-TEST COMPLETED: DATE 6-30-98 HOUR 4:00 PM

14-WEATHER: Hot dry

15-COMMENTS: Denny Foust witnessed preliminary test

TIME	D.W. PRESSURE	AMB. TEMP. °F	REMARKS
		102°	Test Held

APPROVALS

DATA TAKEN BY: Bryant Foundy

TEST APPROVED BY: 7/1/98 DATE:

TEST WITNESSED BY: Michael Woodson

TEST COMPANY: Dunland Const.

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

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

May 9, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-818

Mr. Mark Harvey
Project Coordinator
Williams Field Services (WFS)
P.O. Box 58900
Salt Lake City, Utah 84158-0900

RE: GW-091, Spill Clean Up - Approval
32-9 CDP Compressor Station
San Juan County, New Mexico

PS Form **3800**, April 1995

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

Sent to WFS- Harvey, 32-9 CDP
Street & Number Spill Clean-up
Post Office, State, & ZIP Code

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

P 288 258 818

Dear Mr. Harvey:

The OCD has received the letter and information "Results of Sampling at 32-9 CDP" dated April 3, 1997. The OCD on May 9, 1997 received the lab and sample analysis information requested by telephone by the OCD on May 2, 1997. The spill clean up plan was submitted by WFS in accordance with the requirements of **discharge plan GW-091** located in NE/4 SE/4, Section 15, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. **The above mentioned " Spill Clean Up at WFS 32-9 CDP" is hereby approved based on the plan that was approved by the OCD on February 26, 1997 and the information listed above.**

Be, advised that OCD approval of this work plan does not relieve WFS from liability associated with this spill should it be found at a later date that the procedures taken failed to have addressed the contamination from the spill. Further, OCD approval does not relieve WFS from responsibility to comply with other federal, state, and local, rules/regulations that may apply.

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD
(505)-827-7156

c: Mr. Denny Foust - Environmental Geologist, Aztec OCD District Office.

ANAITAS ENVIRONMENTAL LABS

RECEIVED

MAY - 9 1997

Environmental Bureau
Oil Conservation Division

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Lab sheets Received from Mr. Harvey Per 5-2-97 phone conversation. DMG 5-9-97.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-901	Date Sampled:	03/14/97
Lab ID:	6424	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/19/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.50
Total Recoverable Petroleum Hydrocarbons	**ND**	**32.3**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	103	81 - 117%
	Bromofluorobenzene	100	74 - 121%
	o-Terphenyl	81	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-902	Date Sampled:	03/14/97
Lab ID:	6425	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/20/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.46
Toluene	ND	0.46
Ethylbenzene	ND	0.46
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.46
Total Recoverable Petroleum Hydrocarbons	**ND**	**28.8**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	108	81 - 117%
	Bromofluorobenzene	104	74 - 121%
	o-Terphenyl	77	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-903	Date Sampled:	03/14/97
Lab ID:	6426	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/20/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.58
Toluene	ND	0.58
Ethylbenzene	ND	0.58
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.58
Total Recoverable Petroleum Hydrocarbons	**ND**	**30.4**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	100	81 - 117%
	Bromofluorobenzene	103	74 - 121%
	o-Terphenyl	54	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review

VOLATILE AROMATIC HYDROCARBONS
QUALITY CONTROL REPORT

Method Blank Analysis

Sample Matrix:	Soil	Report Date:	04/03/97
Lab ID:	MB35509	Date Extracted:	03/18/97
		Date Analyzed:	03/20/97

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Benzene	ND	0.20
Toluene	ND	0.20
Ethylbenzene	ND	0.20
m,p-Xylenes	ND	0.40
o-Xylene	ND	0.20

ND - Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	Percent Recovery	Acceptance Limits
Trifluorotoluene	105	81-117%
Bromofluorobenzen	98	74-121%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July 1992.

Comments:

Analyst

Review

VOLATILE AROMATIC HYDROCARBONS

Duplicate Analysis

Lab ID:	6424	Report Date:	04/03/97
Sample Matrix:	Soil	Date Sampled:	03/14/97
Preservative:	Cool	Date Received:	03/14/97
Condition:	Intact	Date Extracted:	03/18/97
		Date Analyzed:	03/19/97

Target Analyte	Original Conc. (mg/kg)	Duplicate Conc. (mg/kg)	Acceptance Range (mg/kg)
Benzene	ND	ND	NA
Toluene	ND	ND	NA
Ethylbenzene	ND	ND	NA
m,p-Xylenes	ND	ND	NE
o-Xylene	ND	ND	NE

ND - Analyte not detected at the stated detection limit.
NA - Not applicable or not calculated.
NE - Duplicate acceptance range not established by the EPA.

Quality Contro

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	100	81 - 117%
Bromofluorobenzene	100	74 - 121%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

Comments:

Analyst

Review

VOLATILE AROMATIC HYDROCARBONS

Matrix Spike Analysis

Lab ID:	MB35509Spk	Report Date:	04/03/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	03/18/97
		Date Analyzed:	03/20/97

Target Analyte	Spike Added. (mg/kg)	Original Conc. (mg/kg)	Spiked Sample Conc. (mg/kg)	% Recovery	Acceptance Limits (%)
Benzene	200	0.00	180	90%	39-150
Toluene	200	0.00	195	97%	32-160
Ethylbenzene	200	0.00	198	99%	46-148
m,p-Xylenes	400	0.00	397	99%	NE
o-Xylene	200	0.00	197	99%	NE

ND - Analyte not detected at the stated detection limit.
NA - Not applicable or not calculated.
NE - Spike acceptance range not established by the EPA.

Quality Contro

Surrogate	% Recovery	Acceptance Limits
Trifluorotoluene	97	81 - 117%
Bromofluorobenzene	100	74 - 121%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

Review

QUALITY CONTROL REPORT
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
Diesel Range Organics

Method Blank Analysis

Project ID:	NA	Report Date:	04/03/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	03/28/97
		Date Analyzed:	04/01/97

Sample ID	Lab ID	Concentration (mg/kg)	Detection Limit (mg/kg)
Method Blank	MB35517	ND	20.0

ND- Analyte not detected at the stated detection limit.

Quality Control:

Surrogate	% Recovery	Acceptance Limits
o - Terphenyl	94%	50 - 150%

Reference: EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Analyst

Review

QUALITY CONTROL REPORT
TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
Diesel Range Organics

Matrix Spike Analysis

Project ID:	NA	Report Date:	04/03/97
Sample Matrix:	Soil	Date Sampled:	NA
Preservative:	NA	Date Received:	NA
Condition:	NA	Date Extracted:	03/28/97
		Date Analyzed:	04/01/97

Lab ID	Spike Added (mg/kg)	Original Conc. (mg/kg)	Spike Conc. (mg/kg)	Percent Recovery
MBSPK35521	2,460	ND	2,270	92%

ND- Analyte not detected at the stated detection limit.

Reference: EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Analyst

Review

ANAITAS
ENVIRONMENTAL LABS

807 S. CARLTON • FARMINGTON, NM 87401 • (505) 326-2395

CHAIN OF CUSTODY

Page ____ of ____

PROJECT MANAGER:
Analytica Lab I.D.:

Company: WFS
Address:

Phone: 801-584-6361
Fax:

Bill To: MNZ-32-9CDP
Company:
Address:

Sample ID	Date	Time	Matrix	Lab ID	8015 TPH	8020 BTEX	COMMENTS
32-901	3/14/97	8:32a	SOIL	6424	X	X	6" BGS BTWN TANKS
32-902	"	8:45a	"	6425	X	X	6" BGS W/OF COND. TANK
32-903	"	11:20a	"	6426	X	X	2-PT COMP. E & W OF TANKS

ORGANIC ANALYSES | WATER ANALYSES | METALS

RUN 32-903 FIRST - RUN OTHER 2 SAMPLES IF 32-903 HAS BTEX < 50ppm & TPH < 100ppm — CALL W/RESULTS BEFORE RUNNING ADDITIONAL SAMPLES (32-901 & 32-902)

Project Information	Sample Receipt
Proj. #:	No. Containers:
Proj. Name:	Custody Seals: Y / N / NA
P. O. No:	Received Intact:
Shipped Via:	Received Cold:

Required Turnaround Time (Prior Authorization Required for Rush)

Sampled By: M. HARVEY	Relinquished By:	Relinquished By:
Signature / Date: M. Harvey 3/14/97	Signature / Date:	Signature / Date:
Company: / Time:	Company: / Time:	Company: / Time:
Received By:	**Received By:**	**Received By:**
Signature / Date:	Signature / Date:	Signature / Date: 3/14/97
Company: / Time:	Company: / Time:	Company: Anatas / Time: 17:00

Please Fill Out Thoroughly.

Shaded areas for lab use only.

White/Yellow: Analytica
Pink: Client

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

April 3, 1997

Mr. Patricio Sanchez
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87505

5-2-97 (4:20 PM). spoke w/ Mr. Harvey needs original lab sheets and chain of custody and can approve.

RE: RESULTS OF SAMPLING AT 32-9 CDP

Dear Mr. Sanchez:

Williams Field Services (WFS) has completed the clean up and soil washing activity at the 32-9 CDP (Discharge Plan GW-091) as described in the WFS work plan submitted February 25, 1997.

A single discrete sample was collected from the soil directly beneath the approximately six inches of gravel prior to soil washing. The analysis of soil sample number 32-901 shows a contaminant concentration below detection limits as measured by Method 8015. A second sample at another point was also collected with identical laboratory results. Subsequent to the completion of the gravel washing, a two point composite was made up of soil collected from 12" below ground surface (BGS) and nearly eighteen inches below the top of the gravel. The total petroleum concentration in this sample was also determined to be below detection limits.

The sample results support the WFS observation that when the release occurred, the majority of the oil/condensate floated on the produced water; the majority of the liquid released. While there does appear to be oil stained gravel, the underlying soil was apparently not impacted.

Based on the sample results, the clean up has been completed and there remains no threat to human health and the environment. WFS will continue to visually assess the breakdown of the small amount of oil remaining in the gravel and will stir and rake the gravel to effectively facilitate further degradation.

If you need any additional information, please call me at 801-584-6361 or Lee Bauerle at 801-584-6999.

Respectfully,

Mark Harvey
Environmental Services

pc: Denny Foust - OCD/Aztec
Lee Bauerle - WFS/SLC
Rick Fox - MNZ

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-901	Date Sampled:	03/14/97
Lab ID:	6424	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/19/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.50
Total Recoverable Petroleum Hydrocarbons	**ND**	**32.3**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	103	81 - 117%
	Bromofluorobenzene	100	74 - 121%
	o-Terphenyl	81	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-902	Date Sampled:	03/14/97
Lab ID:	6425	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/20/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.46
Toluene	ND	0.46
Ethylbenzene	ND	0.46
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.46
Total Recoverable Petroleum Hydrocarbons	**ND**	**28.8**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	108	81 - 117%
	Bromofluorobenzene	104	74 - 121%
	o-Terphenyl	77	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

Comments:

Review

ANAITAS ENVIRONMENTAL LABS

Organic Analysis - Pit Closure

Williams Field Services, Inc.

Project ID:	MN2-32-9CDP	Report Date:	04/03/97
Sample ID:	32-903	Date Sampled:	03/14/97
Lab ID:	6426	Date Received:	03/14/97
Sample Matrix:	Soil	Date Extracted:	03/18/97
Preservative:	Cool	Date Analyzed:	03/20/97
Condition:	Intact		

Target Analyte	Concentration (mg/kg)	Detection Limit (mg/kg)
Total Aromatic Hydrocarbons	**ND**	
Benzene	ND	0.58
Toluene	ND	0.58
Ethylbenzene	ND	0.58
m,p-Xylenes	ND	12.9
o-Xylene	ND	0.58
Total Recoverable Petroleum Hydrocarbons	**ND**	**30.4**

Quality Control:	Surrogate	Percent Recovery	Acceptance Limits
	Trifluorotoluene	100	81 - 117%
	Bromofluorobenzene	103	74 - 121%
	o-Terphenyl	54	50 - 150%

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Recoverable Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, Final Update I, July, 1992.

EPA Method 8015A, modified. "Nonhalogenated Volatile Organics by Gas Chromatography." Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed, Final Update I, July, 1992. USEPA.

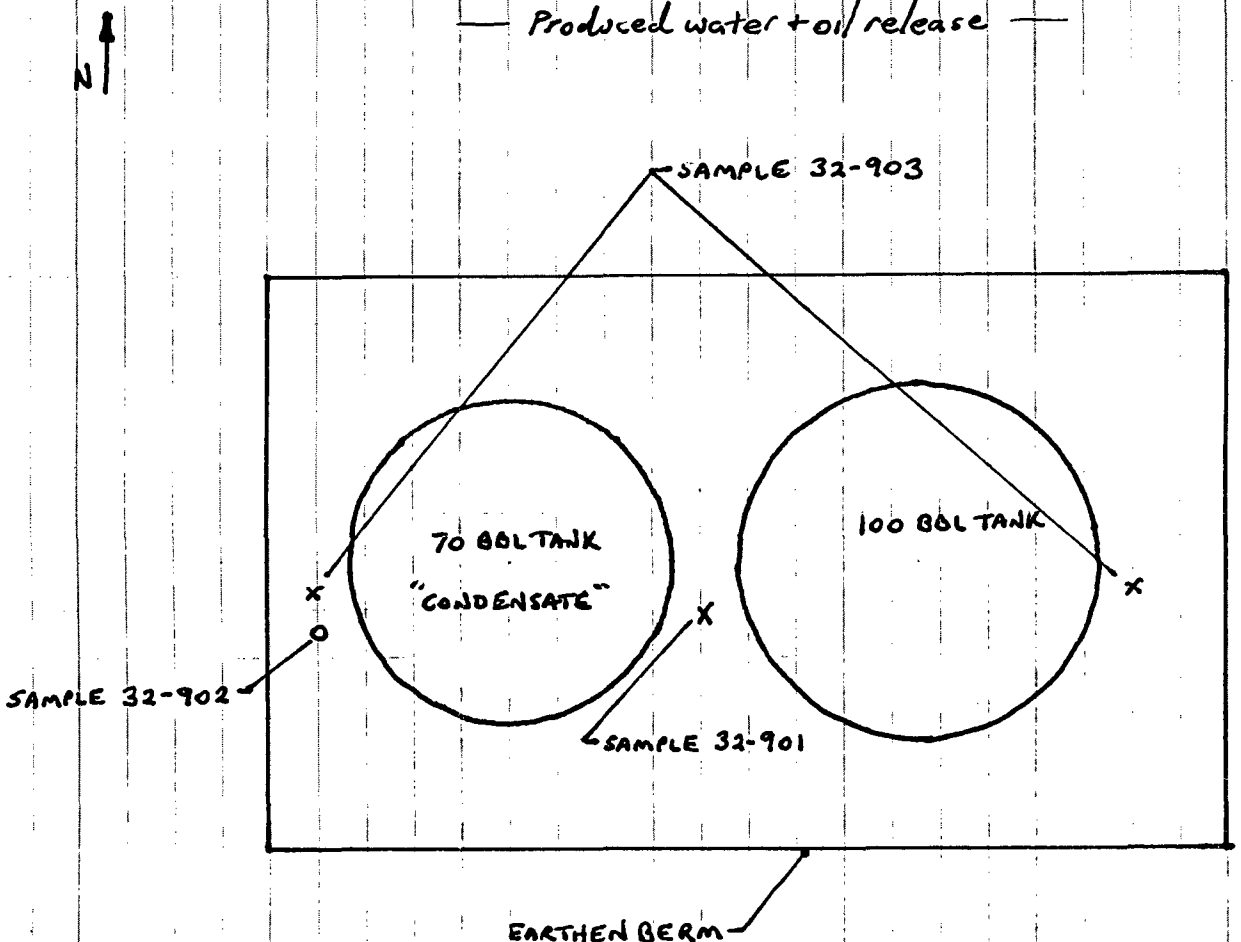
Comments:

Review

AWD021 5/90

WFS 32-9 CDP (GW-091)

— Produced water + oil release —



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

February 25, 1997

MAR 3 1997

Oil Conservation Division

See Fax dated 2/25/97 from WFS. & Approval from OCD dated 2/26/97.

Mr. Pat Sanchez
Environmental Bureau
State of New Mexico
Oil Conservation Division
2040 S. Pacheco St.
Sante Fe, NM 87505

RE: CLEAN UP AT WFS' 32-9 CDP

Dear Mr.Sanchez:

Pursuant to our telephone conversation on the subject, enclosed please find a revised work plan for addressing the overflow of produced water and condensate at the 32-9 CDP. The plan has been revised consistent with your comments.

Also included is information on the microbial solution which WFS plans to utilize for treating residual contamination in place. This product will be sprayed over the area following the gravel washing step.

Please review the information and provide Division approval if the plan is acceptable. WFS would like to begin cleanup work as soon as possible. Your time to review our plan is appreciated.

Sincerely,

Mark Harvey
Project Coordinator

enclosure - Work Plan(rev 2/25)

cc: Leigh Gooding - WFS/SLC
Rex Fox - WFS/MND

REV 2/25

CLEANUP OF OILY WATER RESIDUE AT 32-9 CDP

Environmental Services proposes to clean up the stained gravel and soil resulting from the pigging fluid overflow at the 32-9 CDP by effectively "washing" the area. WFS intends to heat produced water which is collected at the facility and use this water to wash the gravel inside the bermed area and suspend residual oil. Because the current moisture content of the underlying soil is relatively high, and because the wash water will be immediately removed, infiltration of the wash water will be minimal. The gravel which will be washed is approximately 4 - 6" thick and covers an area approximately 15' x 35'.

The wash water will be immediately removed using a vacuum truck which will transfer the liquid to existing holding tanks for later disposal along with normally accumulated water. The oil fraction will be allowed to physically separate and be handled along with other waste oil generated at the facility. The water to be used is produced water and is E&P exempt. If used to cleanup what is an E&P exempt release, the cleanup water then retains the E&P exempt classification.

After suspending and removing all oil in the manner described above, WFS intends to spray a microbial solution (Custom-HC) capable of degrading petroleum hydrocarbons (see attached information sheet) over the entire area within the tank berm. The gravel and soil will be raked occasionally, and moisture and nutrients added as necessary, to effectively enhance natural degradation of the hydrocarbons. Because field observations indicated that the depth of hydrocarbon contamination appears to average only 12", this is seen as a pragmatic approach to remediation. It is expected that the "gravel washing" step will take less than two hours.

Remedial efforts will be deemed successful once the hydrocarbon concentration is reduced to less than 1000 ppm as determined using a laboratory analysis (Method 418.1). A composite soil sample from the area impacted (underlying the gravel) be collected for confirming the cleanup as complete. This sample will also be analyzed by Method 8020 to determine if total BTEX (benzene, toluene, ethylbenzene, xylene) is reduced to an acceptable level (<50 ppm). It is anticipated that petroleum hydrocarbon concentrations will be effectively reduced to acceptable levels within 120 days.

non-pathogenic ✳ non-toxic ✳ non-corrosive ✳ non-caustic

Custom-HC

BIOLOGICAL HYDROCARBON DIGESTANT
FOR: Gasoline/Oil Separator Treatment

Custom-HC-H20 is a live, synergistic blend of all natural, Class I bacteria specifically chosen for their accelerated ability to metabolize hydrocarbon products such as: Gasoline, Oil, Diesel and BTEX (Benzene, Toluene, Ethylbenzene and Xylene). Aromatic compounds such as phenolics are also digested.

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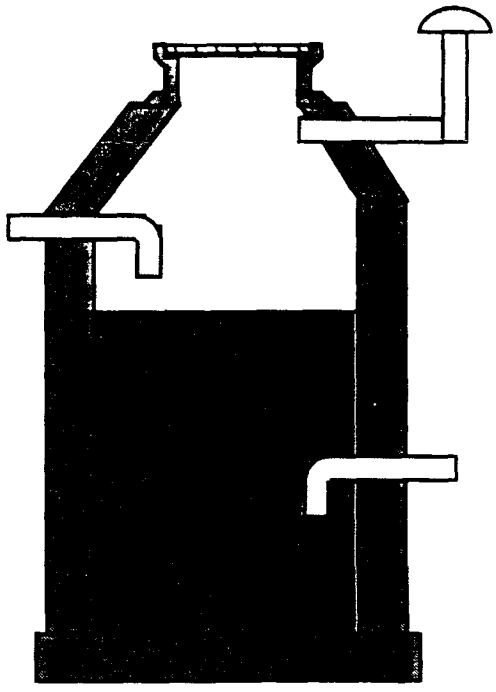
The organisms used in *Custom-HC-H20* are completely natural, non-engineered, non-pathogenic and non-toxic bacteria that are chosen for their safety value and their synergistic ability to metabolize hydrocarbons and other contaminants and convert them into carbon dioxide and water.

- ☞ DIGESTS HYDROCARBONS
- ☞ REDUCES T P H
- ☞ REDUCES B T E X.
- ☞ Environmentally SAFE
- ☞ ALL NATURAL



Custom Biologicals, Inc.

CASE STUDY

Client Category: Repair garage for trucks servicing Skychefs restaurants. Fleet of 29 vehicles.

Location: East Boston, Massachusetts

Capacity: 200 Gallon Gasoline/Water separator discharging to city sewage system.

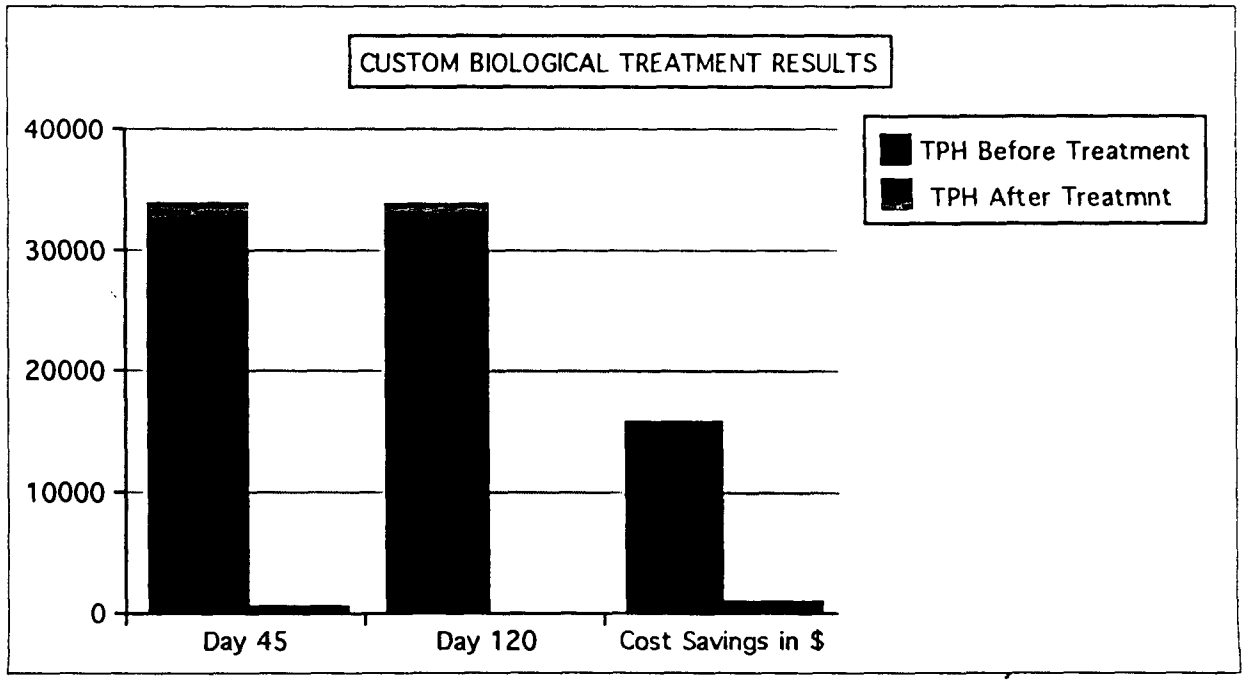
Problem: Received letter from city to either clean the separator or pump it.The hydrocarbon level was 33,940 mg/L. The city code calls for under 100 mg/L.

Previous Treatment: The average cost of pumping was $16,000 per year.

CUSTOM Treatment: Custom HC-100 bacteria were introduced each night into the separator through a computer timer pump.

CUSTOM Results:

DAY	TPH (mg/L)	Yearly Cost
0	33940	$16000.00
45	614	
120	79	$1200.00



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 26, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-773

Mr. Mark Harvey
Project Coordinator
Williams Field Services (WFS)
P.O. Box 58900
Salt Lake City, Utah 84158-0900

RE: Discharge Plan GW-091 - Spill Clean Up
32-9 CDP Compressor Station
San Juan County, New Mexico

Dear Mr. Harvey:

The OCD has received the letter and information "Clean Up at WFS' 32-9 CDP" dated February 25, 1997. The spill clean up plan was submitted by WFS in accordance with the requirements of **discharge plan GW-091** located in NE/4 SE/4, Section 15, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico.

The above mentioned "Clean Up at WFS 32-9 CDP" is hereby approved with the following conditions of approval:

1. The release as certified by WFS in the letter dated February 25, 1997 from WFS is exempt from RCRA Subtitle C Regulations as defined in 40 CFR Part 261.

2. The washing process as described will be conducted in such a manner as not to induce a hydraulic head on the vadose zone and cause contamination to migrate.

3. Free liquid derived from this process will be reused/disposed of in an appropriate manner, and the washing process will be completed within a 24 hour period.

4. WFS will notify Mr. Denny Foust of the Aztec District Office at least 72 Hours in advance of this washing procedure at (505)-334-6178, so the OCD may be present to witness the procedure.

5. A composite sample for BTEX (method 8020) and TPH (method 418.1 or Modified 8015) will be taken from the Vadose Zone directly below the gravel contaminated area in order to establish the magnitude of the contamination. This sample will be taken before the wash procedure is implemented, with original copies submitted to the OCD Santa Fe Office, and with a copy to the Aztec OCD District Office.

6. Six months after the initial analysis and washing procedure has been implemented, WFS will submit a summary report with recommendations regarding the status of the clean-up, along with a composite sample for BTEX (method 8020) and TPH (method 418.1 or Modified 8015) taken from the Vadose Zone directly below the gravel contaminated area. The report will be submitted to the OCD Santa Fe Office for approval, with a copy to the Aztec OCD District Office.

NOTE: The Report and sample Analysis described in (5) and (6) above will be submitted in original form to the Santa Fe Division Office. All lab analysis will include appropriate sample custody and QA/QC information.

Be, advised that OCD approval of this work plan does not relieve WFS from liability associated with this release should the procedure fail to address the contamination. Further, OCD approval does not relieve WFS from responsibility to comply with other federal, state, and local, rules/regulations that may apply.

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD
(505)-827-7156

C: Mr. Denny Foust - Geologist, Aztec OCD District Office

P 288 258 773

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

Sent to Mark Harvey	
Street & Number 32-9 - Spill clean-up.	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

P.O. Box 58900
Salt Lake City, Utah 84158-0900
Fax: (801) 584-7760

FAX TRANSMISSION COVER SHEET

DATE: 2/25/97

TO: PAT SANCHEZ

FAX #: 505-827-8177

FROM: MARK HARVEY

PHONE #: 801-584-6361

SUBJECT: 32-9 CDP CLEANUP

NUMBER OF PAGES TO FOLLOW: 4

SPECIAL INSTRUCTIONS:

HARD COPY TO FOLLOW BY US MAIL —

Please call if you should have any problems or questions regarding all or part of this transmission

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7055
FAX (801) 584-6485

February 25, 1997

Mr. Pat Sanchez
Environmental Bureau
State of New Mexico
Oil Conservation Division
2040 S. Pacheco St.
Sante Fe, NM 87505

RE: CLEAN UP AT WFS' 32-9 CDP

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enclosure - Work Plan(rev 2/25)

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Rex Fox - WFS/MND

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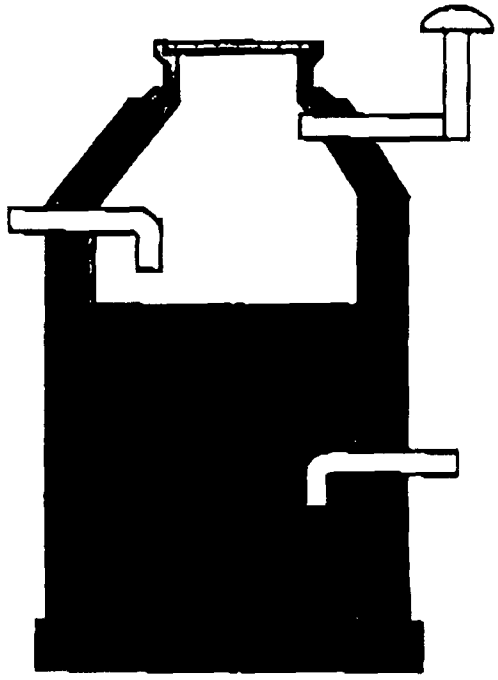

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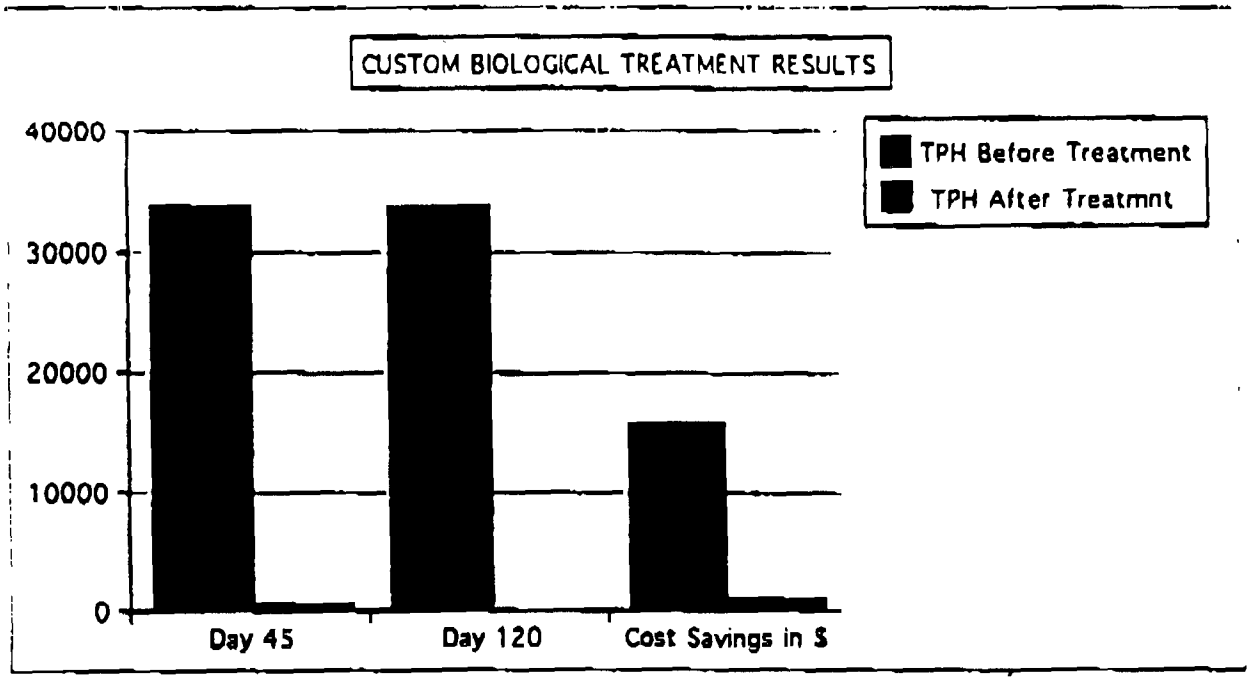

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal	Time 9:00 AM	Date 2-25-97

Originating Party	Other Parties
Mark Harvey - WFS (Returning OCD's call)	Pat Sanchez - OCD

Subject SPill clean-up proposal for 32-9 COP "GW-91" that was received by the Aztec District on Feb 24, 1997.

Discussion (1) This is a discharge plan site - All future requests regarding these type of facilities need to come to Santa Fe for approval. (2) Mr. Harvey indicated that the "Soil/Gravel" washing would not take more than a few hours (Gravel about 4" thick), however the Soil below the gravel would take 60 to 120 days to Bioremediate - He then will take a conformation Sample for BTEX (8020) and TPH. - The reason for using heated produced water is to keep the waste exempt. (3) Also needs to specify gravel volume and include a discription/information on the microbial solution.

Conclusions or Agreements (1) Mr. Harvey will submit All of the above for OCD Santa Fe approval.

Distribution File

Signed Patricia W. Sanchez

Roger Anderson

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

Mr. Denny Foust
NMOCD District III Office
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Mr. Foust:

Williams Field Services Company (WFS) has evaluated the release of produced water and oil which occurred at our 32-9 CDP Compressor Station and proposes the following remedial action plan for your review and approval:

WFS proposes to clean up the stained gravel and soil resulting from the pigging fluid overflow at the 32-9 CDP by effectively "washing" the area. WFS intends to heat produced water which is collected at the facility and use this water to wash the gravel inside the bermed area and suspend residual oil.

The wash water will be immediately removed using a vacuum truck which will transfer the liquid to existing holding tanks for later disposal along with normally accumulated water. The oil fraction will be allowed to physically separate and be handled along with other waste oil generated at the facility.

After suspending and removing all oil in the manner described above, WFS intends to spray a microbial solution ~~capable~~ of degrading petroleum hydrocarbons over the entire area within the tank berm. The gravel and soil will be raked occasionally, and moisture and nutrients added as necessary, to effectively enhance natural degradation of the hydrocarbons. Because field observations indicated that the depth of hydrocarbon contamination appears to average only 12", this is seen as a pragmatic approach to remediation.

Remedial efforts will be deemed successful once the hydrocarbon concentration is reduced to less than 1000 ppm as determined using a laboratory analysis (Method 418.1). A composite soil sample from the area impacted will be collected for confirming the cleanup as complete.

(BTEX - 8020)
Modified 8015

If you have any questions, or require additional information, please contact me at (801) 584-6543 or Mark Harvey at (801) 584-6361.

Sincerely,

Leigh E. Gooding
Senior Environmental Specialist

295 Chipeta Way Salt Lake City, Utah 84108
(801) 584-7033

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

December 19, 1996

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

Re: Discharge Plans Fee - San Juan County
32-9 CDP Compressor Station
GW-091

Dear Mr. Anderson:

Enclosed, please find the signed Conditions of Approval and a check to cover the discharge plan fee for the above referenced Williams Field Services Company facility. 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

295 Chipeta Way Salt Lake City, Utah 84108
(801) 584-7033

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 12/19/96,

or cash received on _____ in the amount of $ 690.00

from WFS

for 32-7 CDP (Facility Name) GW-091 (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chavez Date: 1-24-97

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal X

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

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

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
12/19/96	[redacted]	690.00

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

TO THE ORDER OF
NEW MEXICO DEPARTMENT ENERGY
MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION
2040 S PACHECO
SANTE FE NM 87505

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2209 NEW MEXICO DEPARTMENT ENERGY [redacted] 12/19/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
P288258714	32-9 CDP COMPRESSO	12/10/96	690.00	0.00	690.00
			690.00	0.00	690.00

PLEASE DETACH BEFORE DEPOSITING

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna NE
Albuquerque, New Mexico 87113
Phone: (505) 761-4525 Fax: (505) 761-4542

November 15, 1996

William J. Lemay, Director
Oil Conservation Division
2040 South Pacheco
Sante Fe, New Mexico 87505

Dear Mr. Lemay:

This responds to your agency's public notices dated October 18 and October 29, 1996, regarding the discharge plan applications and renewals for the five applicants described below:

(GW-093) - Burlington Resources. Mr. Craig Bock has submitted an application for renewal of the company's approved discharge plan for the Rattlesnake Compressor Station located in Section 10, Township 31 North, Range 7 West, San Juan County, New Mexico. Approximately 450 gallons per day of washdown water and produced water will be stored in above ground steel tanks prior to transport to an OCD approved disposal facility.

(GW-088) - Amoco Production Facility. Mr. Buddy Shaw has submitted an application for renewal of the company's approved discharge plan for the Gallegos Canyon Compressor Station located in Section 21, Township 29 North, Range 12 West, San Juan County, New Mexico. Approximately 2,800 gallons per day of wastewater water will be stored in above ground steel tanks prior to transport to an OCD approved disposal facility.

(GW-267) - El Paso Field Services. Ms. Sandra Miller has submitted a Discharge Plan Application for the company's Bass James Compressor Station located in Section 36, Township 22 South, Range 30 East, Eddy County, New Mexico. Potential discharges at the facility will be stored in a closed top receptacle.

(GW-090) - Transwestern Pipeline Company. Mr. Larry Campbell has submitted an application for renewal of the company's approved discharge plan for the Portales Compressor Station located in Section 16, Township 1 South, Range 34 East, Roosevelt County, New Mexico. Potential discharges at the facility will be stored in a closed top receptacle.

(GW-091) - Williams Field Services. Ms. Leigh Gooding has submitted an application for renewal of the company's approved discharge plan for the 32-9 CDP Compressor Station located in Section 15, Township 31 North, Range 10 West, San Juan County, New Mexico. Potential discharges at the facility will be stored in

a closed top receptacle.

The U.S. Fish and Wildlife Service (Service) has no objection to the Oil Conservation Division approving discharge plans GW-267, GW-090, and GW-091, which utilize closed top receptacles or tanks, as the closed tops prevent migratory bird and other wildlife direct access to potentially toxic chemicals.

We also recommend the use of berms or some other spill containment methodology around the storage receptacles and tanks for the operations above to help prevent migration of contaminated waters into the surface waters of New Mexico during any accidental rupture or spill.

On April 20, 1994, portions of the San Juan River in San Juan County, New Mexico, were designated as critical habitat for the federally-listed endangered Colorado squawfish and razorback sucker. The critical habitat for the Colorado squawfish is the reach of the San Juan River from the Highway 371 Bridge (in Farmington) to Neskahai Canyon on the San Juan Arm of Lake Powell in Utah. Critical habitat for the razorback sucker includes the reach of the San Juan River from the Hogback Diversion (west of Waterflow, New Mexico) to Neskahai Canyon.

Due to considerations for protection of critical habitat for the Colorado squawfish and the razorback sucker, as well as to individuals or populations of squawfish that may be located upstream from the critical habitat boundary, we urge you to ensure that discharge plans GW-093, GW-088, and GW-091 contain adequate provisions (such as spill containment berms) to ensure the protection of these endangered fish. In the event of a release of pollutants into the San Juan River, or of pollutants which eventually reach the San Juan River, the Service and/or the New Mexico Department of Game and Fish should be notified immediately.

We request that you provide applicants receiving discharge plan approvals for facilities near the San Juan River in San Juan County with the following emergency notification information:

U.S. Fish and Wildlife Service
New Mexico Ecological Services Field Office
2105 Osuna NE
Albuquerque, NM 87113
Telephone (505) 761-4525
Fax (505) 761-4542

New Mexico Department of Game & Fish
Villagra Building
P.O. Box 25112
Santa Fe, NM 87504
Telephone (505) 827-7882
Fax (505) 827-7801

For discharge plans GW-093 and GW-088, the Service recommends the use of excluding technology (e.g., nets, fences, enclosed tanks, etc.) to prevent migratory bird and other wildlife access to any open top receptacles or tanks for produced waters or wastewater which may contain toxic chemicals, or which may harbor a surface oil sheen. During flight, migratory birds may not distinguish between a storage tank and a natural waterbody: the open-top artificial waterbody may serve as an "attractive nuisance" if measures are not taken to exclude migratory birds from access. Alternatively, the applicants or the Oil

Conservation Division may elect to demonstrate that the retained waters are "bird-safe" (e.g., can meet New Mexico general water quality standards 1102.B, 1102.F, and 3101.K or 3101.L).

Our intent is to inform and intercede before any migratory bird deaths occur, since these birds constitute a legally protected resource. Under the Migratory Bird Treaty Act (MBTA), the courts have held that an operator of produced water or other wastewater storage facilities may be held liable for an "illegal take" of migratory birds. An "illegal take" has been interpreted to include accidental poisoning or accumulation of harmful concentrations of contaminants by migratory birds, which might occur as a result of access to the stored fluids. Hydrocarbon pollutants, for instance, can be carried to the nest on breast feathers, feet, or in nesting materials, where the eggs can subsequently become contaminated, leading to embryo death and reduced hatchability. If the construction or operation of open top storage structures results in migratory bird deaths and the problem is not addressed, the operator may be held liable under the enforcement provisions of the MBTA.

Although the comments we have provided in this letter are primarily designed to safeguard migratory birds and threatened and endangered species, incorporation of our recommendations in these discharge plans would also tend to be protective of other wildlife which may reside at or visit the disposal sites. We encourage your agency to solicit additional comments from the New Mexico Department of Game and Fish to assist in the protection wildlife.

Thank you for the opportunity to review and comment on these discharge plan applications. If you have any question about these comments, please call Dennis W. Byrnes at (505) 761-4525.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Geographic Manager, New Mexico Ecosystems, U.S. Fish and Wildlife Service, Albuquerque, New Mexico
Migratory Bird Office, U.S. Fish and Wildlife Service, Albuquerque, New Mexico

RECEIVED

NOV 1 8 1996

Environmental Bureau
Oil Conservation Division

AFFIDAVIT OF PUBLICATION

No. 37088

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):

Wednesday, November 6 , 1996;

and the cost of publication is: $85.17.

Robert Lovett

On 11/6/96 ROBERT LOVETT appeared before me, whom I know personally to be the person who signed the above document.

Denise M. Henson

My Commission Expires May 17, 2000

COPY OF PUBLICATION

Legals

NOTICE OF PUBLICATION

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

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

(GW-267) - El Paso Field Services, Ms. Sandra Miller, (505) 599-2141, P.O. Box 4990, Farmington, New Mexico 87499, has submitted a Discharge Plan Application for their "Bass James" compressor station located in the SW/4 SE/4, Section 36, Township 22 South, Range 30 East, NMPM, Eddy County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 250 feet with a total dissolved solids concentration of approximately 3,860 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-90) - Transwestern Pipeline Company, Mr. Larry Campbell, (505)-625-8022, 6381 N. Main Street, Roswell, NM, 88201, has submitted a Discharge Plan Renewal Application for their "Portales" compressor station located in the NW/4 NW/4 of Section 16, Township 1 South, Range 34 East, NMPM, Roosevelt County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 64 feet with a total dissolved solids concentration of approximately 1,500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-91) - Williams Field Services, Ms. Leigh Gooding, (801)-584-6543, 295 Chipeta Way, Salt Lake City, UT, 84158, has submitted a Discharge Plan Renewal Application for their "32-8 CDP" compressor station located in the NE/4 SE/4, Section 15, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 500 feet with a total dissolved solids concentration of approximately 300 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 applications may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico on this 29th day of October, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

/s/William J. LeMay
WILLIAM J. LEMAY, Director

Legal No. 37088 published in The Daily Times, Farmington, New Mexico on Wednesday, November 6, 1996.

Affidavit of Publication

No. 17340

State of New Mexico,
County of Eddy, ss.

Amy McKay,
being first duly sworn, on oath says:

That she is Business Manager of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

November 6, 19 96
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, 19

That the cost of publication is $ 67.11, and that payment thereof has been made and will be assessed as court costs.

Amy McKay

Subscribed and sworn to before me this 14th day of November, 1996

Donna Crump

My commission expires 08/01/98
Notary Public

RECEIVED
NOV 15 1996
Environmental Bureau
Oil Conservation Division

November 6, 1996

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of October, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

WILLIAM J. LEMAY, Director

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

NM OIL CONSERVATION
ATTN: SALLY MARTINEZ
2040 S. PACHECO
SANTA FE, NM 87505

AD NUMBER: 575051 ACCOUNT: 56689

LEGAL NO: 60691 P.O. #: 96-199-002997

255 LINES once at $ 102.00

Affidavits: 5.25

Tax: 6.70

Total: $ 113.95

RECEIVED
NOV 07 1996
Environmental Bureau
Oil Conservation Division

Okay DRB
11-8-96

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 60691 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 4 day of November 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
4 day of November 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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of October 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY,
Director
Legal #6069
Pub. November 4, 1996

NOTICE OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of October, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

WJL/pws

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

October 23, 1996

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

Discharge Plan Revisions: **32-9 CDP Compressor Station (GW-091)**
Middle Mesa CDP Compressor Station (GW-64)
Simms Mesa CDP Compressor Station (GW-68)

Dear Mr. Anderson:

Enclosed, please find Discharge Plan Revisions for proposed modifications at the above referenced Williams Field Services facilities. If you have any questions or require additional information, please feel free to contact me at (801) 584-6543.

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

cc: Denny Foust

RECEIVED
OCT 2 8 1996
Environmental Bureau
Oil Conservation Division

295 Chipeta Way Salt Lake City, Utah 84108
(801) 584-7033

WILLIAMS FIELD SERVICES
32-9 CDP DISCHARGE PLAN REVISION
October 1996

I. BACKGROUND INFORMATION

In October, 1991, Williams Field Services Company (WFS) submitted a discharge plan application for the the 32-9 CDP Compressor Station (GW-91) to the New Mexico Oil Conservation Division (NMOCD). On November 5, 1991, the application was approved. According to the terms of the Discharge Plan, WFS is required to notify the Director of the NMOCD of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume. This revision addresses proposed waste disposal modifications at the facility.

II PROPOSED MODIFICATIONS

There are currently five (5) Waukesha 7042 GL engines site-rated at 895 horse power. WFS proposes to install three (3) additional Waukesha 7042 GL engines at the site and increase the site-rated horse power of all eight (8) engines to 1379 hp each.

III SUMMARY

No new wastes will be generated at the facility as a result of the proposed modification. The proposed medication will result in an increase in the volume of used oil and wash-down water generated at the facility. All liquid wastes will be handled in accordance with the approved OCD Discharge Plan and its Renewal ~~(GW-68)~~. GW-91 10-30-91 DWS

IV AFFIRMATION

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

Terry G. Spradlin 10-23-96
Signature Date

Terry G. Spradlin Manager, Environment, Health & Safety

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

SJ 96 52

September 30, 1996

<RECIEVED by DWB on 10-25-96>

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

Discharge Plan Renewal: 32-9 CDP Compressor Station (GW-091)

Dear Mr. Anderson:

Enclosed, please find a check for $50 to cover the application fee for the Discharge Plan Renewal of Williams Field Services' 32-9 CDP Compressor Station. There have been no modifications to the facility since the original Discharge Plan was submitted.

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

295 Chipeta Way Salt Lake City, Utah 84108
(801) 584-7033

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/

Submit Origir
Plus 1 Cop
to Santa
1 Copy to appropria
District Offi

Rec. by PWS on 11-25-96

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: 32-9 CDP Compressor Station GW-091
2. Operator: Williams Field Services Company

   Address: 295 Chipeta Way Salt Lake City, UT 84158

   Contact Person: Ms. Leigh Gooding Phone: (801) 584-6543
3. Location: NE /4 SE /4 Section 15 Township 31 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 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, Environmental Health & Safety

    Signature: Terry G. Spradlin Date: 9-30-96

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 10/2/96,

or cash received on _____ in the amount of $ 50.00

from Williams Field Services

for 22-09 / 39-2 CDP Due 10-25-96 GW-091

(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: R. Chavez Date: 10/18/96

Received in ASD by: K. Kurtz Date: 10/23/96

Filing Fee XR New Facility ___ Renewal ___

Modification ___ Other _____

(specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

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

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
10/02/96	[redacted]	50.00

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

TO THE ORDER OF
NMED-WATER QUALITY MANAGEMENT
P.O. BOX 2088
ATTN: STATE LAND OFFICE
SANTA FE NM 87504

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT [redacted] 10/02/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
92796	32-9 CDP COMPRESSO GW-091	09/27/96	50.00	0.00	50.00
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

September 27, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-646

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

RE: Discharge Plan GW-091 Renewal
32-9 CDP Compressor Station
San Juan County, New Mexico

Dear Ms. Gooding:

On January 21, 1992, the groundwater discharge plan, GW-091, for the **32-9 CDP Compressor Station** located in the NE/4 SE/4, Section 15, and the NW/4 SW/4, Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on January 21, 1997.**

If the discharge plan renewal is not received and approved by the OCD by **January 21, 1997**, your facility will be required to cease operations until the OCD receives and approves the discharge plan renewal.

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 months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

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

The discharge plan renewal application for the 32-9 Compressor Station is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty ($50) dollars plus a flat fee of six-hundred and ninety ($690) dollars for Compressor Stations over 3,000 horsepower.

The fifty ($50) dollar filing fee is to be submitted with discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan.

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

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

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/pws

P 288 258 646

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

Sent to Gooding - WFS	
Street & Number Renewal GW-091	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form 3800, April 1995

xc: Mr. Denny Foust - Environmental Geologist.

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 $ 1430.00

from NORTHWEST PIPELINE CO

for CDP 32-9 (Facility Name) GW-91 (DP No.)

Submitted by: Roger C Anderson Date: 1/28/92

Submitted to ASD by: _____ Date: _____

Received in ASD by: _____ Date: _____

Filing Fee X New Facility X Renewal ____

Modification ____ Other _____ (specify)

Organization Code 521.07 Applicable FY 80

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ____

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 *******1,430.00

PAY
ONE THOUSAND FOUR HUNDRED THIRTY AND 00/100 DOLLARS

TO THE ORDER OF
NEW MEXICO ENVIRONMENT DEPT. GD
WATER QUALITY MANAGEMENT
P. O. BOX 2088
SANTA FE, NM
87504

NORTHWEST PIPELINE CORPORATION

BY _____
AUTHORIZED REPRESENTATIVE

[redacted]

NORTHWEST PIPELINE CORPORATION SALT LAKE CITY, UTAH 84158-0900 PLEASE DETACH BEFORE DEPOSITING [redacted]

VOUCHER NUMBER	INVOICE NUMBER	PURCH ORDER	INVOICE DATE	AMOUNT	SCOUNT	NET AMOUNT
113697	DSCH6329		11-05-91	1,430.00	.00	1,430.00
		TOTALS		1,430.00	.00	1,430.00

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

December 20, 1991

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

Dear Mr. Lemay:

This responds to the Public Notice dated December 4, 1991, regarding the effects of granting State of New Mexico groundwater discharge permits on fish, shellfish, and wildlife resources in New Mexico.

The U.S. Fish and Wildlife Service (Service) comments are for the following permits.

(GW-93) - Meridian Oil Inc., Rattlesnake Compressor Station, NW/4, Section 36, T31N, R9W, NMPM, San Juan County, New Mexico. Wastewater is to be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility.

(GW-71) - El Paso Natural Gas Company, Chaco Canyon Gas Processing Plant, Section 16, T26N, R12W, NMPM, San Juan County, New Mexico. Wastewater is disposed of in four unlined lagoons.

(GW-92) - El Paso Natural Gas Company, Rio Vista Compressor Station, Section 27, T29N, R11W, NMPM, San Juan County, New Mexico. Waste from a compressor station will be stored in a below grade steel tank.

(GW-88) - BHP-Petroleum (Americas), Inc., Gallegos Canyon Compressor Station, Section 21, T29N, R12W, NMPM, San Juan County, New Mexico. Wastewater will be stored in an above grade steel tank prior to transport to an OCD approved offsite Class II disposal well.

(GW-91) - Williams Fields Services, 32-9 Central Delivery Point, NE/4 SE/4, Section 15, and NW/4 SW/4, Section 14, T31N, R10W, NMPM, San Juan County, New Mexico. Wastewater will be stored in an above grade steel tank prior to transport to an OCD approved offsite disposal facility.

The Service is concerned with potential adverse effects of the proposed discharge plans upon migratory bird species. A significant number of migratory birds use evaporative ponds, tanks, and adjacent wetlands as a stopover during spring and fall migrations. There are also resident birds that nest and raise young in the area. Mortality due to poisoning or hypothermia may occur if migratory birds ingest or become covered with petroleum hydrocarbons and/or other organic or inorganic constituents present in these wastewaters. To avoid this consequence, the Service recommends that

all wastewater impoundments be designed and constructed to prevent access by migratory birds.

The pits, tanks, or impoundment should be screened, fenced, netted, or covered with material of sufficient size to prevent access by migratory birds. All pits, tanks, or impoundments should be lined to prevent seepage and possible access by migratory birds to contaminated water. These comments represent the views of the Service.

If you have any questions concerning our comments, please contact Richard Roy at FTS 474-7877 or (505) 883-7877.

Sincerely,

Jennifer Fowler-Propst
Field Supervisor

cc:
Assistant Regional Director, Fish and Wildlife Service, Fish and Wildlife Enhancement, Albuquerque, New Mexico

STATE OF NEW MEXICO
County of Bernalillo ss

OIL CONSERVATION DIVISION
RECEIVED
91 DEC 20 AM 8 46

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, Chaper 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 18 day of Dec., 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, this 18 day of Dec., 1991.

Bernadette Gutierrez
NOTARY PUBLIC-NEW MEXICO
MY COMMISSION EXPIRES WITH SECRETARY OF STATE
12-18-93

PRICE $ 52.54

Statement to come at end of month.

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

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

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

(GW-93)-Meridian Oil Inc., Danny W. Hill, Plant/Pipeline Manager, PO Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan application for their Rattlesnake Compressor Station located in the NW/4, Section 36, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 67 gallons per day of waste water is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Ground water most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1200 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed

(GW-71)-El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, PO Box 1492, El Paso, Texas, 79978, has submitted a discharge plan application for their Chaco Canyon Gas Processing Plant located in Section 16, Township 28 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 180,000 gallons per day of process waste water is disposed of in four unlines lagoons. The discharge application proposes closure of the unlined lagoons and construction of double lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 220 feet with a total dissolved solids concentration of approximately 560 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed

(GW-92)-El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, PO Box 1492, El Paso, Texas, 79978, has submitted a discharge plan application for their proposed Rio Vista Compressor Station located in Section 27, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The compressor station is designed to minimize the generation of wastes. Any wastes generated will stored in a below grade steel tank equipped with secondary containment and leak detection. Those wastes that cannot be recycled will be transported offsite to an OCD approved disposal site. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 24 feet with a total dissolved solids concentration of approximately 3400 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed

(GW-88)-BHP-Petroleum (Americas), Inc., Jessee L. Roberts, Manager-Regulatory and Environmental Affairs, 5847 San Felipe, Suite 3600, Houston, Texas, 77057, has submitted a discharge plan application for their proposed Gallegos Canyon Compressor Station located in Section 21, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 2800 gallons per day of waste water will be stored in an above grade steel tank prior to transport to an OCD approved offsite Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed

(GW-91)-Williams Field Services, Sandy Fishler, Environmental Specialist, PO Box 58900, M.S. 10368, Salt Lake City, Utah, 84158-0900, has submitted a discharge plan application for their proposed 32-9 CDP (Central Delivery Point) located in the NE/4 SE/4, Section 15, and the NW/4 SW/4, Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of waste water will be stored in an above grade steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 500 feet with a total dissolved solids concentration of approximately 300 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 permit 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 propoes 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 4th day of December, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director
Journal: December 18, 1991

AFFIDAVIT OF PUBLICATION

No. 28702

STATE OF NEW MEXICO,
County of San Juan:

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

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

First Publication WEDNESDAY, DECEMBER 11, 1991

Second Publication

Third Publication

Fourth Publication

and that payment therefore in the amount of $ 78.27 has been made.

COPY OF PUBLICATI

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

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

(GW-93) - Meridian Oil Inc., Danny W. Hill, Plant /Pipeline Manager, P.O. Box 4289, Farmington, New Mexico, 87499-4289, has submitted a discharge plan application for their Rattlesnake Compressor Station located in the NW/4, Section 36, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 67 gallons per day of waste water is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1200 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be mahaged.

(GW-71) - El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, P.O. Box 1492, El Paso, Texas, 79978, has submitted a discharge plan application for their Chaco Canyon Gas Processing Plant located in Section 16, Township 26 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 180,000 gallons per day of process waste water is disposed of in four unlined lagoons. The discharge application proposes closure of the unlined lagoons and construction of double lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 220 feet with a total dissolved solids concentration of approximately 560 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-92) - El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, P.O. Box 1492, El Paso Texas, 79978, has submitted a discharge plan application for their proposed Rio Vista Compressor Station located in Section 27, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The compressor station is designed to minimize the generation of

STATE OF NEW MEXICO
County of Bernalillo ss

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chaper 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 9 day

of Dec., 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, this 9 day of Dec., 1991.

PRICE $ 50.82

Statement to come at end of month.

ACCOUNT NUMBER C 81184

LA-22-A (R-12/91)

OFFICIAL SEAL
Bernadette Ortiz
BERNADETTE ORTIZ
NOTARY PUBLIC-NEW MEXICO
MY COMMISSION EXPIRES: 12-18-93

OIL CONSERVATION DIVI
RECEIVED
'91 DEC 10 AM 9

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 and renewal application have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-68) - Williams Field Services Company, Sandy Fishler, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Simms Mesa Compressor Station located in the NW/4 NE/4, Section 22, Township 30 North Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 75 gallons per day of waste water will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration estimated to range from 600 to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-1) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a renewal application for the previously approved discharge plan for its Bloomfield Refinery located in the NW/4 SE/4 and the S/2 NE/4 and the N/2 NE/4 SE/4 of section 27, and the S/2 NW/4 and the N/2 NW/4 SW/4 and the SE/4 NW/4 SW/4 and the NE/4 SW/4 of section 28 Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The renewal application consists of an evaluation proposal of the refinery waste water system with the objective of eliminating all unlined storage facilities. Groundwater most likely to be affected by any accidental spills is at a depth ranging from 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l. The previously approved discharge plan addresses how spills, leaks, and other accidental discharges to be surface will be managed.

(GW-74) - Halliburton Company, Matt D. Ratliff, Environmental Engineer, P.O. Drawer 1431, Duncan, Oklahoma 73536-0100, has submitted a discharge plan application for its Hobbs Service Facility located in Section 7, Township 18 South, Range 39 East, NMPM, Lea County, New Mexico. Approximately 135 gallons per day of waste water is stored in below grade fiberglass tanks prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by any accidental spills is at a depth of approximately 30 feet with a total dissolved solids concentration ranging from 300 to 600 mg/l. The application addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-18) - Marathon Road Water Station, C. W. Trainer, 8080 E. Kaiil Dr., Scottsdale, Arizona 85260, has submitted a renewal application for the previously approved discharge plan for their insitu extraction brine well facity. The Marathon Road Water Station is located in the SW/4 SE/4, Section 25, Township 19S South, Range 34 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 1690 to 2400 feet and brine is extracted with an average total dissolved solids concentrations of about 321,080 mg/l. Groundwater most likely to be affected by an accidental discharge is at a depth of 20 to 60 feet with a total dissolved solids concentration ranging from 500 to 5500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-22) - Quality Brine, Inc., Stan Watson, P.O. Box 75, Tatum, New Mexico 88267, has submitted a renewal application for the previously approved discharge plan for their insitu extraction brine mill facility. The Quality Brine Water Station is located in the SW/4 SW/4, Section 20, Township 12 South, Range 36 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 2300 to 2900 feet and brine is extracted with an average total dissolved solids concentration of about 350,000 mg/l. Groundwater most likely to be affected by an accidental discharge is at a depth of 30- to-40 feet with a total dissolved solids concentration ranging from 700 to 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 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 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 Commision at Santa Fe, New Mexico, on this 21st day of October, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director
Journal, December 9, 1991

NOTICE OF PUBLICATION

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

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

(GW-93) - Meridian Oil Inc., Danny W. Hill, Plant/Pipeline Manager, P.O. Box 4289, Farmington, New Mexico, 87499-4289, has submitted a discharge plan application for their Rattlesnake Compressor Station located in the NW/4, Section 36, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 67 gallons per day of waste water is stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 25 feet with a total dissolved solids concentration of approximately 1200 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-71) - El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, P.O. Box 1492, El Paso, Texas, 79978, has submitted a discharge plan application for their Chaco Canyon Gas Processing Plant located in Section 16, Township 26 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 180,000 gallons per day of process waste water is disposed of in four unlined lagoons. The discharge application proposes closure of the unlined lagoons and construction of double lined evaporation ponds equipped with leak detection. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 220 feet with a total dissolved solids concentration of approximately 560 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-92) - El Paso Natural Gas Company, Larry R. Tarver, Vice President, North Region, P.O. Box 1492, El Paso Texas, 79978, has submitted a discharge plan application for their proposed Rio Vista Compressor Station located in Section 27, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. The compressor station is designed to minimize the generation of wastes. Any wastes generated will stored in a below grade steel tank equipped with secondary containment and leak detection. Those wastes that cannot be recycled will be transported offsite to an OCD approved disposal site. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 24 feet with a total dissolved solids concentration of approximately 3400 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-88) - BHP-Petroleum (Americas), Inc., Jessee L. Roberts, Manager-Regulatory and Environmental Affairs, 5847 San Felipe, Suite 3600, Houston, Texas, 77057, has submitted a discharge plan application for their proposed Gallegos Canyon Compressor Station located in Section 21, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 2800 gallons per day of waste water will be stored in an above grade steel tank prior to transport to an OCD approved offsite Class II disposal well. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 200 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-91) - Williams Field Services, Sandy Fishler, Environmental Specialist, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah, 84158-0900, has submitted a discharge plan application for their proposed 32-9 CDP (Central Delivery Point) located in the NE/4 SE/4, Section 15, and the NW/4 SW/4, Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 10 gallons per day of waste water will be stored in an above grade steel tank prior to transport to an OCD approved offsite disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 500 feet with a total dissolved solids concentration of approximately 300 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 4th day of December, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

WILLIAM J. LEMAY, Director

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-106-675-383

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

RE: Fee for Discharge Plan GW-91
32-9 Cental Delivery Point
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 32-9 CDP on November 4, 1991, which is after the effective date of the WQCC Regulation 3-114. The discharge plan application for the 32-9 CDP 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.

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

AFFIDAVIT OF PUBLICATION

No. 28498

STATE OF NEW MEXICO,
County of San Juan:

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

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

First Publication WEDNESDAY, OCTOBER 30, 1991

Second Publication

Third Publication

Fourth Publication

and that payment therefore in the amount of $ 76.56 has been made.

Christine Hill

Subscribed and sworn to before me this 4th day of ~~OCTOBER~~ Nov, 1991.

Connie Archuleta

Notary Public, San Juan County, New Mexico

My Comm expires: JULY 3, 1993

COPY OF PUBLICATI

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

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

(GW-68) - Williams Field Services Company, Sandy Fisher, Environmental Specialist, P.O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for their Simms Mesa Compressor Station located in the NW/4 NE/4, Section 22, Township 30 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Approximately 75 gallons per day of wastewater will be stored in an above ground steel tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration estimated to range from 600 to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-1) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a renewal application for the previously approved discharge plan for its Bloomfield Refinery located in the NW/4 SE/4 and the S/2 NE/4 and the N/2 NE/4 SE/4 of section 27, and the S/2 NW/4 and the N/2 NW/4 SW/4 and the SE/4 NW/4 SW/4 and the NE/4 SW/4 of section 26, Township 29 North, Range 11 West, NMPM, San Juan County New Mexico. The renewal application consists of an evaluation proposal of the refinery waste water system with the objective of eliminating all unlined storage facilities. Groundwater most likely to be affected by any accidental spills is at a depth ranging from 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l. The previously approved discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-74) - Halliburton Company, Matt D. Ratliff, Environmental Engineer, P.O. Drawer 1431, Duncan, Oklahoma 73536-0100, has submitted a discharge plan application for its Hobbs Service Facility located in Section 7, Township 18 South, Range 39 East, NMPM, Lea County, New Mexico. Approximately 135 gallons per day of waste water is stored in below grade fiberglass tanks prior to disposal in an OCD approved offsite disposal facility. Groundwater most likely to be affected by any accidental spills is at a depth of approximately 30 feet with a total dissolved solids concentration ranging from 300 to 600 mg/l. The application addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-15) - Marathon Road Water Station, C. W. Trainer, 8090 E. Kalil Dr., Scottsdale, Arizona, 85260, has submitted a renewal application for the previously approved discharge plan for their insitu extraction brine well facility. The Marathon Road Water Station is located in the SW/4 SE/4, Section 25, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico. Fresh water is injected into the Salado Formation at an approximate depth of 1930 to 2400 feet and brine is extracted with an average total dissolved solids concentrations of about 321,080 mg/l. Groundwater most likely to be affected by an accidental discharge is at a depth of 20 to 50 feet with a total dissolved solids concentration ranging from 500 to of 3500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(BW-22) - Quality Brine, Inc., Stan Watson, P.O. Box 75, Tatum, New Mexico, 88267, has submitted a renewal application for the previously approved

Box 75, Tatum, New Mexico, 88267, has submitted a renewal application for the previously approved discharge plan for their insitu extraction brine well facility. The Quality Brine Water Station is located in the SW/4 SW/4, Section 20, Township 12 South, Range 36 East, NMPM, Lea County, New Mexico Fresh water is injected into the Salado Formation at an approximate depth of 2300 to 2900 feet and brine is extracted with an average total dissolved solids concentration of about 350,000 mg/l. Groundwater most likely to be affected by an accidental discharge is at a depth of 30 to 40 feet with a total dissolved solids concentration ranging from 700 to 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 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 be set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 21st day of October, 1991.

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

SEAL

Legal No 28498 published in the Farmington Daily Times, Farmington, New Mexico on Wednesday, October 30, 1991.

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

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

October 30, 1991

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

RE: 32-9 Central Delivery Point

Dear Mr. Anderson:

A discharge plan for the 32-9 Central Delivery Point is hereby submitted for your review. 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 Specialist

SF/pm

0097

A

DISCHARGE PLAN

FOR 32-9 CDP

Williams Field Services

October 1991

0096/SF

1.0 GENERAL INFORMATION

1.1 Legally Responsible Party

Williams Field Services
32-9 CDP
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

Central Delivery Point 32-9 is located in the NE 1/4, SE 1/4 of Section 15, and the NW 1/4, SW 1/4 of Section 14, Township 31 North, Range 10 West, San Juan County, New Mexico. A vicinity map is attached (Mount Nebo, NM topographic map) as Exhibit 1. A site plan is provided as Exhibit 2. The cleared site for this Compressor Station is approximately 3.0 acres.

1.3 Type of Natural Gas Operation

The 32-9 CDP will provide metering, compression, and dehydration services to various producers for the gathering of coal seam methane gas (Fruitland Coal Formation) on a contract basis for ultimate delivery through the WFS Milagro Plant (CO_2 removal) near Bloomfield, New Mexico.

Five (5) 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

10/29/91
Date

R. A. Peacock
Name

Manzanares Project Manager
Title

2.0 GENERAL PROCESSES

2.1 Process Fluids

The station is not yet in service; however, construction will be complete for normal operating mode somtime 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.

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

Additional Chemicals listed in WQCC 1-101.44 and 3-103 are not expected to be present in any process fluids or in the coal seam gas transported at 32-9 CDP.

2.2 Spill/Leak Prevention and Housekeeping Procedures

Production Operators, Incorporated has been contracted to operate and maintain the 32-9 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

Source	Disposition	Quantity	Quality Type	Additives
Compressor Engines	Collected Separately in tank	625 gal each quarter	Used Motor Oil	None
Glycol Regeneration	Collected Separately in Evaporation Standpipe	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 valves.

Surface runoff is diverted around the site and to the south by the use of drainage ditches. Surface runoff within the site drains by sheet flow to the east or west (see Exhibit 2).

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

2.3 Disposal of Waste Fluids

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

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

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

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

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

3.0 Site Characteristics

The 32-9 CDPis located in Arch Rock Canyon, in the northeast quarter of the southeast quarter of Section 15, and the NW 1/4, SW 1/4 of Section 14, Township 31 North, Range 10 West in San Juan County, New Mexico. The elevation of the station is 6230 feet.

32-9 CDP is situated immidiately adjacent to and downstream of a confluence of two ephemeral drainages having a combined watershed area of roughly one half square mile. The drainage channel has been slightly altered along the south bank in one place for flood control upstream of the yard. Another major ephemeral drainage is south (upgradient) of the yard. This drainage is spring fed and has a watershed of roughly one half square mile. The drainage has been channeled by Meridian Oil Company along the north perimeter of the Meridian 32-9 CDP.

Surface runoff from the east end of the 32-9 CDP yard is directed to a culvert at the southeast corner of the yard which drains into this major ephemeral drainage. Surface runoff from the west end of the yard is directed to the west.

Soils are sandy silt. Vegetation in the surrounding area is sagebrush with roughly 50% cover.

Groundwater in the area is associated with the Nacimiento formation 500 feet deep. Garrison spring is located approximately 50 feet higher in elevation and one third mile northeast of the site. The specific conductance of Garrison spring water associated with the Nacimiento formation is 450 umhos (USGS 1984 open file report 84-608). Other springs in the vicinity of the site are upgradient and should not be impacted by operations at the 32-9 CDP. Arch Rock Spring, associated with the San Jose formation, is located one and one half miles to the southeast. Miller Spring is located one mile to the northwest.

EXHIBIT "A"
MATERIAL SAFETY DATA SHEETS

Mobil

MOBIL OIL CORPORATION MATERIAL SAFETY DATA BULLETIN

REVISED: 01/12/89

********** I. PRODUCT IDENTIFICATION **********

MOBIL PEGASUS 485

SUPPLIER:
MOBIL OIL CORP.

CHEMICAL NAMES AND SYNONYMS:
PET. HYDROCARBONS AND ADDITIVES

USE OR DESCRIPTION:
INDUSTRIAL LUBRICANT

HEALTH EMERGENCY TELEPHONE:
(212) 883-4411

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

PRODUCT TECHNICAL INFORMATION:
(800) 662-4525

********** II. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES **********

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

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES
FOR FURTHER INFORMATION, CONTACT YOUR LOCAL MARKETING OFFICE.

********** III. INGREDIENTS **********

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

SEE SECTION XII FOR COMPONENT REGULATORY INFORMATION.

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

********** IV. HEALTH HAZARD DATA **********

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

EFFECTS OF OVEREXPOSURE: NOT EXPECTED TO BE A PROBLEM.

********** V. EMERGENCY AND FIRST AID PROCEDURES **********

--- FOR PRIMARY ROUTES OF ENTRY ---

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

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

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

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

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

********** X. SPECIAL PRECAUTIONS **********
NO SPECIAL PRECAUTIONS REQUIRED.

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********** XI. TOXICOLOGICAL DATA **********

---ACUTE TOXICOLOGY---

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

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

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

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

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

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

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

---CHRONIC TOXICOLOGY (SUMMARY)---

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

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

GOVERNMENTAL INVENTORY STATUS: ALL COMPONENTS REGISTERED IN ACCORDANCE WITH TSCA.

D.O.T. SHIPPING NAME: NOT APPLICABLE

D.O.T. HAZARD CLASS: NOT APPLICABLE

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

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

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

SARA (302) REPORTABLE HAZARD CATEGORIES: NONE

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

THE FOLLOWING PRODUCT INGREDIENTS ARE CITED ON THE LISTS BELOW:

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

--- KEY TO LIST CITATIONS ---

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

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

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

****

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

****

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

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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. PHISICAL DATA

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

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

IV. REACTIVITY DATA — Stable: X Unstable:

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

Conditions To Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur.

November 4, 1985

73-62-7820-91

MATERIAL SAFETY DATA SHEET

ETHYLENE GLYCOL

SECTION V-HEALTH HAZARD DATA (CONTINUED)

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

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

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

PRIMARY ROUTE(S) OF ENTRY:

INHALATION

INGESTION

SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH:, STRONG OXIDIZING AGENTS.

SECTION VII-SPILL OR LEAK PROCEDURES

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

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

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

WASTE DISPOSAL METHOD:

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

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

SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

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

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

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

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

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

SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

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

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

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

OVEREXPOSURE TO COMPONENTS HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS:, LIVER DAMAGE

B

EXHIBIT "B"
SPILL CONTROL PROCEDURES

Manual			
Policy and Procedure			
Section	Tab	Document No	
Operating & Maint.	10	12.10.020	
Effective Date	Issue No	Page No	
JUL 07 1989	5	1 Of 10	

Subject or Title

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

A. PURPOSE AND SCOPE

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

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

B. CONTENTS

C. POLICY

C.1 GENERAL

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

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

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

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

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

d. Section 112 of the Clean Air Act;

e. Section 7 of the Toxic Substance Control Act;

*Revised
**Added

Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

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T. [illegible]	Barrie B. McCullough	E.C. England

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

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

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

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

a. Non-Transportation Related Facilities

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

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

b. Transportation Related Facilities

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

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

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

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

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

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

*Revised
**Added

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 pecipitation, or displacement by foreign materials.
b. Small dikes for temporary containment should be constructed at valves where leaking of oil or hazardous substances develope.
c. Any dike three feet or higher should have a minimum cross section of two feet at the top.

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

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

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

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

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

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

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

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

D. PROCEDURE

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

Any Employee

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

NOTE: Refer to Attachment A for containment procedures.

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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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**Added

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

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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)

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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.

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Supercedes Division Policy and Procedure 12.10.020 dated October 10, 1985

ATTACHMENT B (Continued)

Contractors Available for Discharge or Spill Containment

UTAH

Contractor Name	Address	Telephone Number
A. L. Berna Construction	P.O. Box B Moab, UT 84532	801-259-5361
JBCO	Wagner Subdivision Moab, UT 84532	801-259-5316 801-259-8952
North American Environmental, Inc. (PCB Cleanup Work)	P.O. Box 1181 Bldg. G-9, Freeport Center Clearfield, UT 84016	801-776-0878
Ted Miller Company	3809 South 300 West Salt Lake City, UT 84115	801-268-1093

WASHINGTON

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

WYOMING

Contractor Name	Address	Telephone Number
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 Punteney)	307-276-3210
Skyline Construction	Big Piney, WY (Rod Bennett)	307-276-3383

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

*Specify

**Attach Additional Sheets if Necessary

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID 10,000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13
10,000-FOOT STATE GRID TICKS ..... NEW MEXICO, WEST ZONE
COLORADO, SOUTH ZONE
UTM GRID DECLINATION ..... 1°W, WEST
1985 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 55 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. 2

NORTH

SCALE 1:24 000

1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000
1 0 1 KILOMETERS
1000 0 1000 2000
CONTOUR INTERVAL 20 FEET

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

QUADRANGLE LOCATION

NEW MEXICO

ADJOINING 7.5' QUADRANGLE NAMES

1	2	3	1 Long Mountain 2 Bernal SE 3 Upsala 4 Cedar Hill 5 Alamosa Spring 6 Arroyo 7 Turkey 8 Archuleta
4		5	
6	7	8	

ROAD LEGEND

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

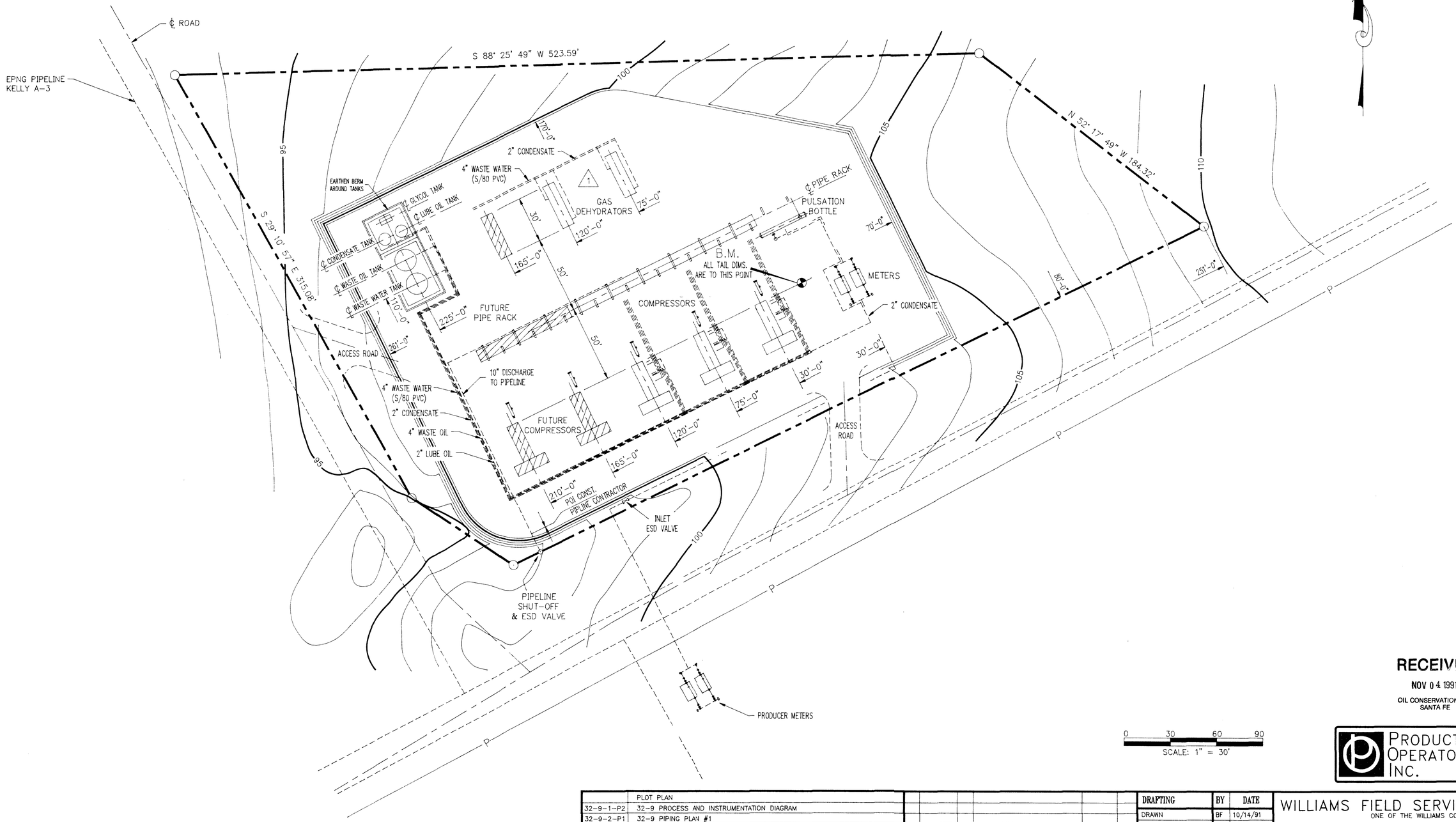
MOUNT NEBO, N. MEX.-COLO.
PROVISIONAL EDITION 1985

3610?-H7-TF-024

INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1985

MOUNT NEBO QUADRANGLE
NEW MEXICO-COLORADO
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



0 30 60 90

SCALE: 1" = 30'

RECEIVED

NOV 04 1991

OIL CONSERVATION DIV. SANTA FE

PRODUCTION OPERATORS INC.

DWG.No.	DESCRIPTION
	PLOT PLAN
32-9-1-P2	32-9 PROCESS AND INSTRUMENTATION DIAGRAM
32-9-2-P1	32-9 PIPING PLAN #1
32-9-2-P2	32-9 PIPING PLAN #2

REFERENCE DRAWINGS

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

REVISIONS

DRAFTING	BY	DATE
DRAWN	BF	10/14/91
CHECKED		
APPROVED	RS	10/14/91
ENGINEERING	BY	DATE
C & S REVIEW		
PROJECT APPROVED		
PLOT DATE/TIME	10/14/1991 3:47 P.M.	

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

C.D.P. 32-9
O.C.D. DISCHARGE PLAN

SCALE: 1" = 30'

W.O. # 71722

DWG. NO. 32-9-OCD