GW - 248

GENERAL CORRESPONDENCE

YEAR(S):

2007 - 1996

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Tuesday, August 14, 2007 12:19 PM
To: 'Bays, David'
Cc: Price, Wayne, EMNRD
Subject: Williams Four Corners LLP Discharge Plans "Minor Modification", corrected Expiration Date

Mr. David Bays
188 County Road 4900
Bloomfield, N.M. 87413

August 14, 2007

Dear Mr. David Bays:

Re: Minor Modification to the following Discharge Plan Permits, Corrected Expiration Date(s)
GW - 068, SIMS MESA CS
GW - 248, TRUNK "A" BOOSTER
GW - 256, N-30 KOCH GARDNER
GW – 257, TRUNK "C" BOOSTER
GW – 274, PRITCHARD STRADDLE CS

Upon final review of the Discharge Plan (DP) Permits, the Oil Conservation Division discovered that the expiration dates on the following signed Discharge Plans (DP): GW-068, GW-248, GW-256, GW257 and GW-274 contained an incorrect "Expiration Date." This e-mail serves as a "Minor Modification" to the DP Permits and serves to correct the expiration date in each of the stated Discharge Plans.

DP	INCORRECT DATE	CORRECT DATE
GW - 068, SIMS MESA CS	04-04-12	01-17-12
GW - 248, TRUNK "A" BOOSTER	04-04-12	03-28-12
GW - 256, N-30 KOCH GARDNER	04-04-12	03-28-12
GW – 257, TRUNK "C" BOOSTER	04-04-12	03-28-12
GW – 274, PRITCHARD STRADDLE CS	04-04-12	03-28-12

This "Minor Modification" e-mail correspondence has been attached to the DP for each of the files stated above.

Please contact me if you have questions on the corrected and official expiration date of these approved Discharge Permits. Sorry for any inconvenience this may have caused you.

Thank you.

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division, EMNRD
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
Phone: (505) 476-3492
Fax: (505) 476-3462
E-mail: leonard.lowe@state.nm.us

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

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

April 4, 2007

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

Re: Discharge Permit GW-248
Trunk "A" Booster Station
San Juan County, New Mexico

Dear Mr. Bays:

Pursuant to Water Quality Control Commission (WQCC) Regulations 20.6.2.3000 - 20.6.2.3114 NMAC, the Oil Conservation Division (OCD) hereby approves the discharge permit for the Williams Four Corners, LLC (owner/operator) Trunk "A" Booster Station GW-248 located in the NE/4 NW/4 of Section 8, Township 28 North, Range 8 West, NMPM, San Juan County, New Mexico, under the conditions specified in the enclosed **Attachment To The Discharge Permit**. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 30 working days of receipt of this letter including permit fees.**

Please be advised that approval of this permit does not relieve the owner/operator of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval of the permit relieve the owner/operator of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions, please contact Carl Chavez of my staff at (505-476-3491) or E-mail carlj.chavez@state.nm.us. On behalf of the staff of the OCD, I wish to thank you and your staff for your cooperation during this discharge permit review.

Sincerely,

Wayne Price
Environmental Bureau Chief

LWP/BES
Attachments-1
xc: OCD District Office

ATTACHMENT TO THE DISCHARGE PERMIT
WILLIAMS FOUR CORNERS, LLC, TRUNK "A" BOOSTER STATION (GW-248)
DISCHARGE PERMIT APPROVAL CONDITIONS
April 4, 2007

Please remit a check for $1700.00 made payable to Water Quality Management Fund:

Water Quality Management Fund
C/o: Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87505

1. **Payment of Discharge Plan Fees:** All discharge permits are subject to WQCC Regulations. Every billable facility that submits a discharge permit application will be assessed a filing fee of $100.00, plus a renewal flat fee (*see* WQCC Regulation 20.6.2.3114 NMAC). The Oil Conservation Division ("OCD") has received the required $100.00 filing fee. However, the owner/operator still owes the required $1700.00 renewal permit fee for a gas compressor station greater than 1001 horsepower.

2. **Permit Expiration, Renewal Conditions and Penalties:** Pursuant to WQCC Regulation 20.6.2.3109.H.4 NMAC, this permit is valid for a period of five years. **The permit will expire on April 4, 2012** and an application for renewal should be submitted no later than 120 days before that expiration date. Pursuant to WQCC Regulation 20.6.2.3106.F NMAC, if a discharger submits a discharge permit renewal application at least 120 days before the discharge permit expires and is in compliance with the approved permit, then the existing discharge permit will not expire until the application for renewal has been approved or disapproved. ***Expired permits are a violation of the Water Quality Act {Chapter 74, Article 6, NMSA1978} and civil penalties may be assessed accordingly.***

3. **Permit Terms and Conditions:** Pursuant to WQCC Regulation 20.6.2.3104 NMAC, when a permit has been issued, the owner/operator must ensure that all discharges shall be consistent with the terms and conditions of the permit. In addition, all facilities shall abide by the applicable rules and regulations administered by the OCD pursuant to the Oil and Gas Act, NMSA 1978, Sections 70-2-1 through 70-2-38.

4. **Owner/Operator Commitments:** The owner/operator shall abide by all commitments submitted in its March 24, 2006 discharge plan renewal application, including attachments and subsequent amendments and these conditions for approval. Permit applications that reference previously approved plans on file with the division shall be incorporated in this permit and the owner/operator shall abide by all previous commitments of such plans and these conditions for approval.

5. **Modifications:** WQCC Regulation 20.6.2.3107.C, and 20.6.2.3109 NMAC addresses possible future modifications of a permit. The owner/operator (discharger) shall notify the OCD of any facility expansion, production increase or process modification that would result in any significant modification in the discharge of water contaminants. The Division Director may require a permit modification if any water quality standard specified at 20.6.2.3103 NMAC is being or will be exceeded, or if a toxic pollutant as defined in WQCC Regulation 20.6.2.7 NMAC is present in ground water at any place of withdrawal for present or reasonably foreseeable future use, or that the Water Quality Standards for Interstate and Intrastate streams as specified in 20.6.4 NMAC are being or may be violated in surface water in New Mexico.

6. **Waste Disposal and Storage:** The owner/operator shall dispose of all wastes at an OCD-approved facility. Only oil field RCRA-exempt wastes may be disposed of by injection in a Class II well. RCRA non-hazardous, non-exempt oil field wastes may be disposed of at an OCD-approved facility upon proper waste determination pursuant to 40 CFR Part 261. Any waste stream that is not listed in the discharge permit application must be approved by the OCD on a case-by-case basis.

A. **OCD Rule 712 Waste:** Pursuant to OCD Rule 712 (19.15.9.712 NMAC) disposal of certain non-domestic waste without notification to the OCD is allowed at NMED permitted solid waste facilities if the waste stream has been identified in the discharge permit and existing process knowledge of the waste stream does not change.

B. **Waste Storage:** The owner/operator shall store all waste in an impermeable bermed area, except waste generated during emergency response operations for up to 72 hours. All waste storage areas shall be identified in the discharge permit application. Any waste storage area not identified in the permit shall be approved on a case-by-case basis only. The owner/operator shall not store oil field waste on-site for more than 180 days unless approved by the OCD.

7. **Drum Storage:** The owner/operator must store all drums, including empty drums, containing materials other than fresh water on an impermeable pad with curbing. The owner/operator must store empty drums on their sides with the bungs in place and lined up on a horizontal plane. The owner/operator must store chemicals in other containers, such as tote tanks, sacks, or buckets on an impermeable pad with curbing.

8. **Process, Maintenance and Yard Areas:** The owner/operator shall either pave and curb or have some type of spill collection device incorporated into the design at all process, maintenance, and yard areas which show evidence that water contaminants from releases, leaks and spills have reached the ground surface.

9. Above Ground Tanks: The owner/operator shall ensure that all aboveground tanks have impermeable secondary containment (e.g., liners and berms), which will contain a volume of at least one-third greater than the total volume of the largest tank or all interconnected tanks. The owner/operator shall retrofit all existing tanks before discharge permit renewal. Tanks that contain fresh water or fluids that are gases at atmospheric temperature and pressure are exempt from this condition.

10. Labeling: The owner/operator shall clearly label all tanks, drums, and containers to identify their contents and other emergency notification information. The owner/operator may use a tank code numbering system, which is incorporated into their emergency response plans.

11. Below-Grade Tanks/Sumps and Pits/Ponds.

A. All below-grade tanks and sumps must be approved by the OCD prior to installation and must incorporate secondary containment with leak detection into the design. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal. All existing below-grade tanks and sumps without secondary containment and leak detection must be tested annually or as specified herein. Systems that have secondary containment with leak detection shall have a monthly inspection of the leak detection system to determine if the primary containment is leaking. Small sumps or depressions in secondary containment systems used to facilitate fluid removal are exempt from these requirements if fluids are removed within 72 hours.

B. All pits and ponds, including modifications and retrofits, shall be designed by a certified registered professional engineer and approved by the OCD prior to installation. In general, all pits or ponds shall have approved hydrologic and geologic reports, location, foundation, liners, and secondary containment with leak detection, monitoring and closure plans. All pits or ponds shall be designed, constructed and operated so as to contain liquids and solids in a manner that will protect fresh water, public health, safety and the environment for the foreseeable future. The owner/operator shall retrofit all existing systems without secondary containment and leak detection before discharge permit renewal.

C. The owner/operator shall ensure that all exposed pits, including lined pits and open top tanks (8 feet in diameter or larger) shall be fenced, screened, netted, or otherwise rendered non-hazardous to wildlife, including migratory birds.

D. The owner/operator shall maintain the results of tests and inspections at the facility covered by this discharge permit and available for OCD inspection. The owner/operator shall report the discovery of any system which is found to be leaking or has lost integrity to the OCD within 15 days. The owner/operator may propose various methods for testing such as pressure testing to 3 pounds per square inch greater than normal operating pressure and/or visual inspection of cleaned tanks and/or sumps, or other OCD-approved methods. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

12. Underground Process/Wastewater Lines:

A. The owner/operator shall test all underground process/wastewater pipelines at least once every five (5) years to demonstrate their mechanical integrity, except lines containing fresh water or fluids that are gases at atmospheric temperature and pressure. Pressure rated pipe shall be tested by pressuring up to one and one-half times the normal operating pressure, if possible, or for atmospheric drain systems, to 3 pounds per square inch greater than normal operating pressure, and pressure held for a minimum of 30 minutes with no more than a 1% loss/gain in pressure. The owner/operator may use other methods for testing if approved by the OCD.

B. The owner/operator shall maintain underground process and wastewater pipeline schematic diagrams or plans showing all drains, vents, risers, valves, underground piping, pipe type, rating, size, and approximate location. All new underground piping must be approved by the OCD prior to installation. The owner/operator shall report any leaks or loss of integrity to the OCD within 15 days of discovery. The owner/operator shall maintain the results of all tests at the facility covered by this discharge permit and they shall be available for OCD inspection. The owner/operator shall notify the OCD at least 72 hours prior to all testing.

13. Class V Wells: The owner/operator shall close all Class V wells (e.g., septic systems, leach fields, drywells, etc.) that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes unless it can be demonstrated that ground water will not be impacted in the reasonably foreseeable future. Leach fields and other wastewater disposal systems at OCD-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. Class V wells that inject domestic waste only, must be permitted by the New Mexico Environment Department (NMED).

14. Housekeeping: The owner/operator shall inspect all systems designed for spill collection/prevention and leak detection at least monthly to ensure proper operation and to prevent over topping or system failure. All spill collection and/or secondary containment devices shall be emptied of fluids within 72 hours of discovery. The owner/operator shall maintain all records at the facility and available for OCD inspection.

15. Spill Reporting: The owner/operator shall report all unauthorized discharges, spills, leaks and releases and conduct corrective action pursuant to WQCC Regulation 20.5.12.1203 NMAC and OCD Rule 116 (19.15.3.116 NMAC). The owner/operator shall notify both the OCD District Office and the Santa Fe Office within 24 hours and file a written report within 15 days.

16. OCD Inspections: The OCD may place additional requirements on the facility and modify the permit conditions based on OCD inspections.

17. **Storm Water:** The owner/operator shall implement and maintain run-on and runoff plans and controls. The owner/operator shall not discharge any water contaminant that exceeds the WQCC standards specified in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) including any oil sheen in any stormwater run-off. The owner/operator shall notify the OCD within 24 hours of discovery of any releases and shall take immediate corrective action(s) to stop the discharge.

18. **Unauthorized Discharges:** The owner/operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams) unless specifically listed in the permit application and approved herein. ***An unauthorized discharge is a violation of this permit.***

19. **Vadose Zone and Water Pollution:** The owner/operator shall address any contamination through the discharge permit process or pursuant to WQCC 20.6.2.4000-.4116 NMAC (Prevention and Abatement of Water Pollution). The OCD may require the owner/operator to modify its permit for investigation, remediation, abatement, and monitoring requirements for any vadose zone or water pollution. Failure to perform any required investigation, remediation, abatement and submit subsequent reports will be a violation of the permit.

20. **Additional Site Specific Conditions:** N/A

21. **Transfer of Discharge Permit (WQCC 20.6.2.3111)** Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of a facility with a discharge permit, the transfer or shall notify the transferee in writing of the existence of the discharge permit, and shall deliver or send by certified mail to the department a copy of such written notification, together with a certification or other proof that such notification has in fact been received by the transferee. Upon receipt of such notification, the transferee shall have the duty to inquire into all of the provisions and requirements contained in such discharge permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the department's file or files concerning such discharge permit. The transferee (new owner/operator) shall sign and return an original copy of these permit conditions and provide a written commitment to comply with the terms and conditions of the previously approved discharge permit.

22. **Closure:** The owner/operator shall notify the OCD when operations of the facility are to be discontinued for a period in excess of six months. Prior to closure of the facility, the operator shall submit a closure plan for approval. Closure and waste disposal shall be in accordance with the statutes, rules and regulations in effect at the time of closure.

23. Certification: Williams Four Corners, LLC, (Owner/Operator), by the officer whose signature appears below, accepts this permit and agrees to comply with all submitted commitments, including these terms and conditions contained here. **Owner/Operator** further acknowledges that the OCD may, for good cause shown, as necessary to protect fresh water, public health, safety, and the environment, change the conditions and requirements of this permit administratively.

Conditions accepted by: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment."

_____
Company Name-print name above

_____
Company Representative- print name

_____
Company Representative- signature

Title_____

Date:_____

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

AFFIDAVIT OF PUBLICATION

Ad No. 53441

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn says: That she is the ADVERTISING 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 and appeared in the Internet at The Daily Times web site on the following day(s):

Friday, May 12, 2006.

And the cost of the publication is $199.75.

Connie Pruitt

ON 5/19/06 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Wynell Coney

My Commission Expires November 17, 2008.

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-248) - Williams Field Service, David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Trunk A Booster Station located in the NE/4 NW/4, Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 16 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 460 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-249) - Williams Field Service, David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Trunk B Booster Station located in the SW/4 SW/4, Section 28, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 16 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 500 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

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(GW-171) – BP America Production Company, Mr. Kevin Hansford, 200 Energy Court, Farmington, New Mexico 87401 has submitted a renewal application for their Gallegos Canyon 3-C Compressor Station located in the SW/4 SE/4 of Section 29, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. All fluids generated at this site are contained within collection steel tanks prior to transport offsite for disposal in an OCD approved facility. Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth ranging from approximately 200 to 250 feet with a total dissolved solids concentration of approximately 1000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

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 6th day of April 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

MARK FESMIER, P.E., Director

Legal No. 53441 published in The Daily Times, Farmington, New Mexico on Friday, May 12, 2006

THE SANTA FE
NEW MEXICAN
Founded 1849

NM EMNRD OIL CONSERVATION
ATTN: Ed Martin
1220 S ST FRANCIS DR
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00167855 ACCOUNT: 00002212
LEGAL NO: 78927 P.O. #: 06-199-050125

602 LINES 1 TIME(S)	337.12
AFFIDAVIT:	6.00
TAX:	26.16
TOTAL:	369.28

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, R. Lara, 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 # 78927 a copy of which is hereto attached was published in said newspaper 1 day(s) between 05/12/2006 and 05/12/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 12nd day of May, 2006 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

2006 MAY 16 PM 12 40

/S/ R. Lara
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 12nd day of May, 2006

Notary _____

Commission Expires: March 11, 2010

OFFICIAL SEAL
L. Estrada
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: Mar 11, 2010

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-248) - Williams Field Service, David Bays, Senior Environmental Specialist, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for their Trunk A Booster Station located in the NE/4 NW/4, Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 16 barrels per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 460 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 6th day of April 2006.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

SEAL
MARK FESMIER, P.E.,
Director

Legal #78927
Pub. May 12, 2006

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/28/06

or cash received on _____ in the amount of $ 100 00

from Williams Field Services Co.

for Truck A Booster station GW-248

Submitted by: Lawrence Romero Date: 4/6/06

Submitted to ASD by: Lawrence Romero Date: 4/6/06

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

THIS 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
PO Box 21218
Tulsa, OK 74121-1218
Customer Support 1-866-778-2665

JP Morgan Chase Bank, N.A.
Chicago, IL

76-2322/719
A/C 9401167

[redacted]

DATE: 03/28/2006

PAY TO THE ORDER OF:

PAY ➡ $**********300.00
USD

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

SANTA FE NM 87505
UNITED STATES

Authorized Signer

SUPPLIER NUMBER 403816

GW-250 GW-249 GW-248

[redacted]

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

April 3, 2006

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

Re: Discharge Plan GW-250, GW-249, and GW-248 Application Renewal and Filing Fees

Dear Mr. Ford:

Enclosed please find copies of Discharge Plan application renewal and check number 4027013316 for $300.00 to cover the filling fee for the following Williams Field Services (WFS) Compressor Stations:

- **Coyote Springs Compressor Station (GW-250)**
- **Trunk B Booster Station (GW-249)**
- **Trunk A Booster Station (GW-248)**

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

Thank you,

MSandoval

Monica Sandoval
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III
FCA Environmental File 220

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised June 10, 2003

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Compressor Station (Trunk A Booster Station, GW-248)

2. Operator: Williams Field Services Company

   Address: 188 CR 4900, Bloomfield, NM 87413

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

3. Location: Section 8 Township 29 North Range 8 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. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: David Bays Title: Sr. Environmental Specialist

Signature: David Bays Date: 3/24/2006

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

Trunk A Booster Station

NMOCD
Discharge Plan
GW-248

Williams Field Services
188 CR 4900
Bloomfield, NM 87413

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1.0 TYPE OF OPERATION

The Trunk A Booster Station was built in 1996 to provide metering, compression, and dehydration services to various producers for the gathering of natural gas for treatment and delivery through Williams Field Services (WFS) Milagro Plant.

2.0 LEGALLY RESPONSIBLE PARTY

Williams Field Services
188 CR 4900
Bloomfield, NM 87413
(505) 634-4951

Contact Person:
David Bays, Senior Environmental Specialist
Phone and Address, Same as Above

3.0 LOCATION OF FACILITY

The Trunk A Booster Station is located in Section 8, Township 29 North, Range 8 West, in San Juan County, New Mexico, approximately 16.3 miles northeast of Bloomfield, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangles: Archuleta and Cutter Canyon, New Mexico) as Figure 1. The facility layout is illustrated in Figure 2. All figures are attached following Section XI of the text.

4.0 LANDOWNER

Williams Field Services (WFS) is leasing the subject property from:

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

5.0 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 six 1369-hp (site-rated) engines. Compressors may be installed or removed to meet demand. In addition, there are various storage tanks, support structures and ancillary equipment.

6.0 SOURCE, QUANTITY AND QUALITY OF EFFLUENTS AND WASTE SOLIDS

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

7.0 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, certain absorbents, spill residues, 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, laboratory waste, empty drums, and waste water. 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.

8.0 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.

8.1 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.

8.2 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.

9.0 INSPECTION, MAINTENANCE AND REPORTING

Williams' personnel will operate and maintain the facility. The facility will be remotely monitored for equipment malfunctions and an operator will be on call 24 hours per day, 7 days per week, 52 weeks per year. Regular inspections will be conducted throughout the facility. 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 contracted spill notification service. The service immediately notifies the Williams Environmental Department and all appropriate agencies.

10.0 SPILL/LEAK PREVENTION AND REPORTING (CONTINGENCY PLANS)

Spill containment berms around above ground storage tanks will be designed to contain 133% of the tank capacity. The below-grade tanks will be constructed with a means of leak detection, and will either be double-walled tanks, double-bottomed tanks or a tank set on an impermeable pad.

Williams' corporate policy and procedure for Release Reporting and Pollution Prevention and Control are included 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).

11.0 SITE CHARACTERISTICS

The Trunk A Booster Station is located approximately 16.3 miles east of Bloomfield, New Mexico. The facility is located at an elevation of approximately 6460 feet above mean sea level. The natural ground surface topography slopes downward toward the south. The maximum relief over the site is approximately 10 feet. Intermittent flow from the site will follow the natural drainage towards the south and then to the west into the Manzanares Canyon drainage. Manzanares Canyon drains to the west into the San Juan River. The San Juan River is the nearest down-gradient perennial source of surface water. It is located approximately 6.5 miles west of the site, at an elevation of approximately 5560 feet.

A review of the available hydrologic data (1,2) for this area revealed that there are no water wells within a ¼-mile radius of the Trunk A Booster 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 400 to 600 feet. The total dissolved solids concentration of area ground water is expected to range from 200 to 2,000 PPM.

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 minimal flood hazards. When practical, surface water runoff from the area surrounding the site is to be diverted around the facility into the natural drainage path. Vegetation in the area consists predominantly of sagebrush and native grasses.

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, 2005.

12.0 FACILITY CLOSURE PLAN

All reasonable and necessary measures will be taken to prevent the exceedence of WCQQ Section 3103 water quality standards should Williams choose to permanently close the facility. Williams 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.

TABLES

TABLE 1
SOURCE, QUANTITY AND QUALITY OF EFFLUENT AND WASTE SOLIDS
TRUNK A BOOSTER STATION

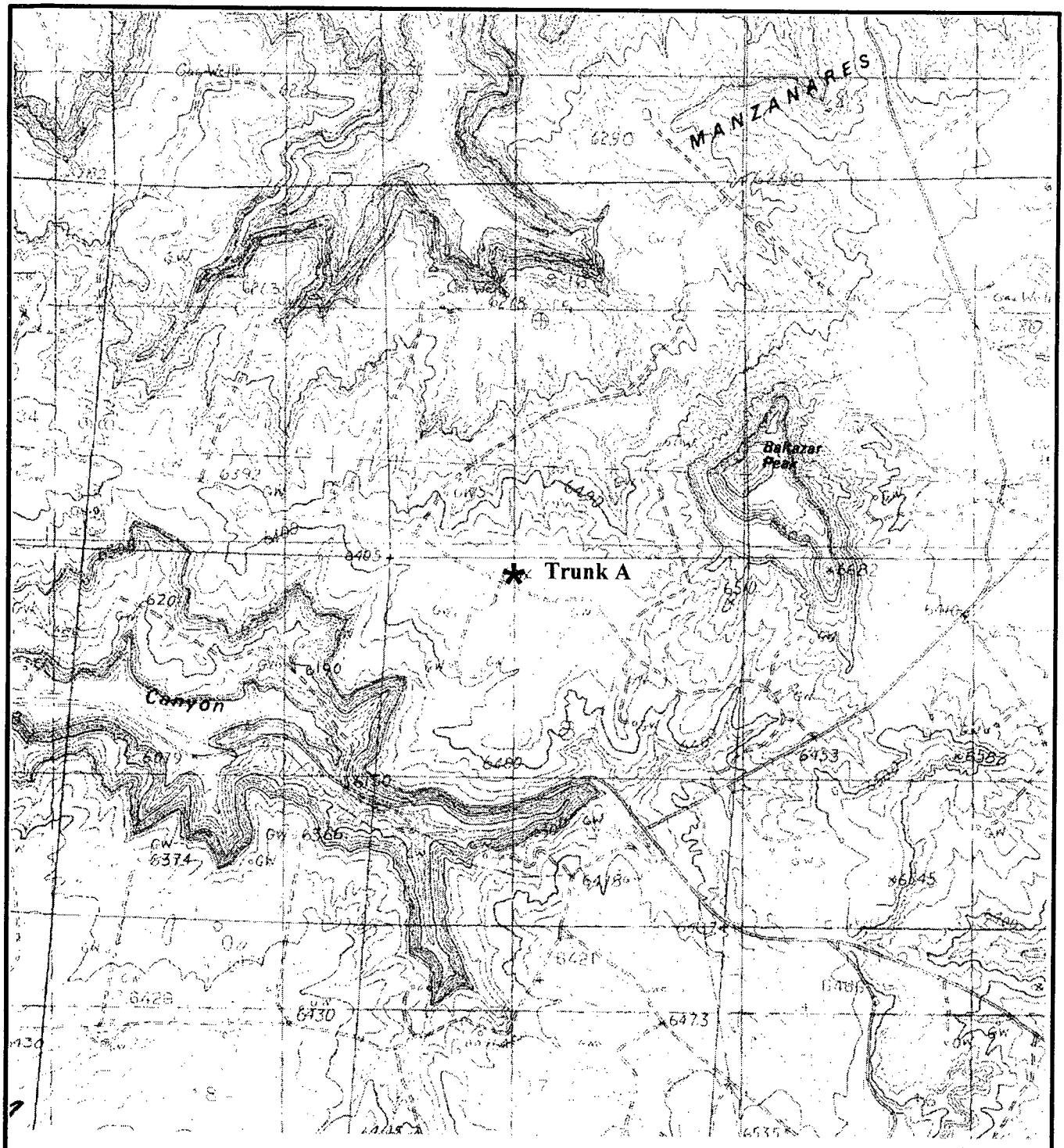
PROCESS FLUID / WASTE	SOURCE	QUANTITY (Ranges)	QUALITY
Natural Gas Condensate/Produced Water	Scrubber, Gas Inlet Separator	2000-6000 bbl/year	No Additives
Wash Down Water	Compresor Skid	500-5000 gal/year/engine	Biodegradable soap and tap water with traces of used oil
Used Oil	Compressor	1000-2000 gal/year/engine	Used Motor Oil w/ No Additives
Used Oil Filters	Compressor	50-500/year/engine	No Additives
Used Process Filters	Air, Inlet, Fuel Gas	75-500/year	No Additives
Empty Drums/Containers	Liquid Containers	0-80/year	No Additives
Spill Residue (i.e. soil, gravel, etc)	Incidental Spill	Incident Dependent	Incident Dependent
Used Adsorbents	Incidental Spill/Leak Equipment Wipe-down	Incident Dependent	No Additives

TABLE 2
TRANSFER, STORAGE AND DISPOSAL OF PROCESS FLUIDS, EFFLUENT AND WASTE SOLIDS
TRUNK A BOOSTER STATION

PROCESS FLUID/WASTE	STORAGE	STORAGE CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Natural Gas Condensate/Produced Water	Above Ground Storage Tank	2940 gal	Berm	Exempt	Saleable liquids may be sold to refinery. The remaining liquids may be transported to a Williams evaporation facility or may be disposed at NMOCD-approved facility.
Waste Water/Washdown Water	Above Ground Storage Tank	80 bbl	Dual-walled tank	Non-exempt	Water may be transported to a Williams evaporation facility or a NMOCD-approved disposal facility.
Used Oil	Above Ground Storage Tank	3 @ 500* gal	Concrete pad and wastewater system	Non-exempt	May be hauled to a WFS or contractor consolidation point before transport fo EPA-registered used oil marketer for recycling.
Used Oil Filters	Drum or other container	Varies	Transported to a Williams or contractor facility in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Used Process Filters	Drum or other container	Varies	Transported to a Williams or contractor facility in drum or other container	Exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Spill Residue (i.e., soil, gravel, etc.)	N/A	N/A	In situ treatment, land-farm, or alternate method	Incident dependent	Per Section VI, Remediation, in 8/13/93 NMOCD Guidelines for Remediation of Leaks, Spills, and Releases.
Used Absorbents	Drum or other container	Varies	Transported to a Williams or contractor facility in drum or other container	Non-exempt	Transported to a Williams or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a Williams or contractor consolidation point and ultimately recycled/disposed consistent with applicable regulations.
Glycol	Above Ground Storage Tank	300 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Antifreeze	Above Ground Storage Tank	300 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Methanol	Drum or other container	55 gal	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above Ground Storage Tank	3 @ 500 gal*	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/dehys installed on site.

FIGURES



Williams

Figure 1 Site Vicinity / Topographic Map

Trunk A Compressor Station

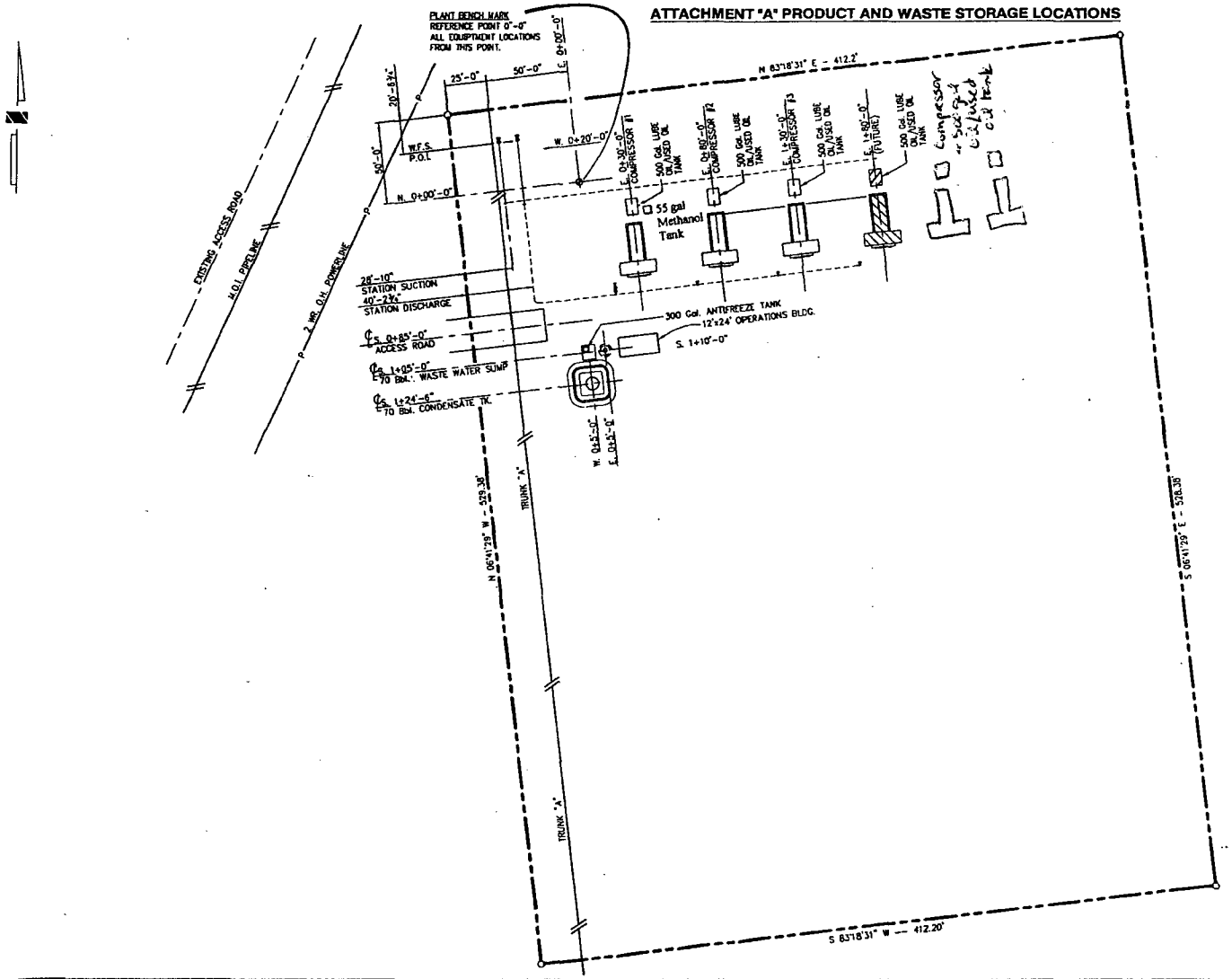
Section 8, Township 29N Range 8W

San Juan County, New Mexico

SPILL PREVENTION CONTROL & COUNTERMEASURE PLAN

OPERATIONS			
Manual: TRUNK "A" COMPRESSOR STATION			
Section: SPILL PREVENTION CONTROL	Tab: 13	Document No.: 4213.001	
Effective Date: 12-8-98	Issue No.: 02	Page No.: 5 of 8	

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS



REFERENCE DRAWINGS				REFERENCE DRAWINGS				REVISIONS											
DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	NO.	DATE	BY	DESCRIPTION	V.D.H.O.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	V.D.H.O.	CHK.	APP.
															02	12-8-98	PMcM	REVISED PER FIELD AS-BUILT	98408		
															01	10-22-98	PMcM	ISSUED PER AS-BUILT	98408		

DRAFTING	BY	DATE
DRAWN BY	PMcM	10-22-98
CHECKED BY		
APPROVED BY		
ENGINEER	BY	DATE
DESIGNED BY		
PROJ. APPROVER		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS GAS PROCESSING
ONE OF THE WILLIAMS COMPANIES

TRUNK "A" COMPRESSOR STATION
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'
W.O. NO. 98408
DWG NO. TRA-1-P3
SHEET 1 OF 1
REV 02

S:\WFSDS\PM_E\\Tra\EOD\00030102.dwg Mon Mar 08 08:57:53 1999

APPENDICES

Appendix A
WFS Spill Control Procedures

RELEASE/SPILL REPORTING

MATERIAL SAFETY DATA SHEETS

CHEMICAL EXPOSURES/POISONINGS

Dial

24HRS/DAY - 7DAYS/WEEK

1-888-677-2370

Info you should have when calling:

- **Time of Release/Spill**
- **Location of the Release**
- **Asset where Release Occurred**
- **Amount Released**
- **Name of Chemical or Product Released**

3E COMPANY

1905 Aston Avenue, Carlsbad, CA 92008
Telephone: 760-602-8700
Fax: 760-602-8888

Release/Spill Report Form

Month | Day | Year

Release Verification Time: | Release Stop Time:

Region | District | Area

Location Name | Location Identifier

Mainline Name | Mainline Identifier

Area Manager | Company Asset | State

Address | County | Zip Code

Release Discovered by: | Time

Release Reported by: | Time

Section | Township | Range | Milepost | Tract #

Offshore | Latitude | Longitude

Release Reportable? | Waterway Affected? | Name

Report	Date	Number	Time	Name	Title	City	State
NRC ☐							
SERC ☐							
LEPC ☐							
TRRC ☐							
EPA ☐							
Other ☐							

Product Released: | Total | Released | 0

BBL's Recovered Wet | 0

Cause of Release: | BBL's Recovered Soil | 0

Total BBL's Recovered | 0

Released To: | Other: | BBL's Not Recovered | 0

Remarks:

Origin Of Release:

Temperature | Relative Humidity | Precipitation

Cloud Cover | Wind Speed | Wind Direction

Injury | Death | Fire | Explosion

Unconsciousness | Hospitalization

Loss/Damage Estimate

Incident Investigator:

Environmental Contact for this Release:

Safety Contact for this Release:

Compliance Administrator for this area:

Form completed by:

Completion Date:

Form was e-mailed to Williams on:

1.0 PURPOSE

1.1 To define the process for reporting releases and certain other events. The terms "release" and "spill" may be used synonymously within this procedure.

Note 1:

Due to the rigid timeframes for reporting to regulatory agencies (usually within one hour of an event) and the possibility for penalties associated with delayed reporting, **it is imperative that releases and events requiring reporting by this procedure are reported immediately. If you are unsure of the release amount do not delay reporting by attempting to exactly determine the amount. Report immediately with an estimate, and correct later.**

Note 2:

Third parties operating Company facilities (i.e., Hanover / POI) are responsible for reporting in accordance with this procedure.

2.0 PROCEDURE

2.1 Offshore Release Reporting (w/sheen on water)

2.1.1 Immediately report to O'Brien's Oil Pollution Services (OOPS) at 985-781-0804, your Environmental Specialist, and the DOT Compliance Coordinator (Tulsa) the following type(s) of offshore release(s):

2.1.1.1 Any release that causes sheen on water.

2.1.2 OOPS will immediately make the required telephonic notifications and submit written reports to the appropriate regulatory agencies, the appropriate Qualified Individual (QI), and the Environmental Specialist.

2.2 Offshore Release Reporting (w/o sheen on water)

2.2.1 Immediately report to your Environmental Specialist and the DOT Compliance Coordinator (Tulsa) the following type(s) of offshore release(s) or event(s):

2.2.1.1 Any Gas release >50 MSCF;

2.2.1.2 Any event that involves a release of any amount of Gas or Hazardous Liquid from a DOT Jurisdictional Pipeline or Pipeline Facility **and** a death or personal injury necessitating in-patient hospitalization;

2.2.1.3 Any DOT Jurisdictional Pipeline or Pipeline Facility event that results in estimated property damage, including cost of Gas or Hazardous Liquids lost **and/or**, costs of clean up or recovery of the operator **and/or** others $\geq$ $50,000;

2.2.1.4 Any unintentional, non-maintenance related release ≥5 gallons of a Hazardous Liquid from a DOT Jurisdictional Pipeline or Pipeline Facility;

2.2.1.5 Any release of Hazardous Liquid from a DOT Jurisdictional Pipeline or Pipeline Facility that results in explosion or fire not intentionally set by the operator; or

2.2.1.6 Any DOT Jurisdictional Pipeline or Pipeline Facility event that is significant, in the judgment of the operator, even though it did not meet any of the criteria in 2.3.2.1 through 2.3.1.6.

2.2.2 The Environmental Specialist and the DOT Compliance Coordinator will determine reportability and, if required, perform telephonic notifications in accordance with applicable regulations.

2.2.3 The Environmental Specialist will complete the WES - 35 Release Report Form and forward to the Release Report Database Compliance Specialist in Tulsa within 10 working days.

2.2.4 The Environmental Specialist will complete any required follow-up written reports and/or documentation for non-transportation events within regulatory timeframes in accordance with the Telephonic and Written Release Reporting Requirements.

2.2.5 The DOT Compliance Coordinator will complete any required follow-up reports and/or documentation for transportation related events within regulatory timeframes in accordance with the Telephonic and Written Release Reporting Requirements.

2.3 Onshore Releases

2.3.1 Immediately report to 3E Company at 888-677-2370 (toll free) the following type(s) of onshore release(s) or event(s):

2.3.1.1 Any liquid release that enters, or is expected to enter, any waterway (i.e., ditch, arroyo, intermittent stream, etc.);

2.3.1.2 Any individual liquid release (i.e., gasoline, diesel, MDEA, TEG, NGL, etc.) >1 gallon;

2.3.1.3 Any cumulative liquid release (i.e., gasoline, diesel, MDEA, TEG, NGL, etc.) >5 gallons within a 24-hour period (drips, pinhole leaks, etc.). (NOTE: Report immediately upon determining, or suspecting that the 5 gallon/24 hour threshold will be met or exceeded);

2.3.1.4 Any Gas release >50 MSCF;

2.3.1.5 Any event that involves a release of any amount of Gas or hazardous liquid from a DOT Jurisdictional Pipeline or Pipeline Facility **and** a death or personal injury necessitating in-patient hospitalization;

2.3.1.6 Any DOT Jurisdictional Pipeline or Pipeline Facility event that results in estimated property damage, including cost of Gas or hazardous liquids lost and/or, costs of clean up or recovery of the operator **and/or** others ≥ $50,000;

2.3.1.7 Any unintentional, non-maintenance related release ≥5 gallons of a hazardous liquid from a DOT Jurisdictional Pipeline or Pipeline Facility;

2.3.1.8 Any release of hazardous liquid from a DOT Jurisdictional Pipeline or Pipeline Facility that results in explosion or fire not intentionally set by the operator; or

2.3.1.9 Any DOT Jurisdictional Pipeline or Pipeline Facility event that is significant, in the judgment of the operator, even though it did not meet any of the criteria in 2.4.1.1 through 2.4.1.8.

2.3.2 3E Company will immediately make the required telephonic notifications in accordance with the Telephonic and Written Release Reporting Requirements.

2.3.3 Information that will be needed when reporting to 3E is on WES-35 - Release Report Form.

2.3.4 Refer to the Onshore Release/Spill Notification Flowchart for more information regarding the onshore reporting workflow.

2.3.5 The Environmental Specialist will follow-up with Operations to verify that adequate response and reporting measures have been taken for each release and track closure of each release report with appropriate regulatory agencies.

Note:

Flares and Thermal Oxidizers

Flares, thermal oxidizers and other pollution control devices typically have permit limits and conditions and may require tracking of flaring and/or other routine and/or non-routine events. Refer to your facility specific permit conditions. Immediately report any exceedance of permit limits or variance from permit to your Environmental Specialist, whom will notify the appropriate regulatory agency(s).

2.4 Planned / Scheduled Blowdowns

2.4.1 Notify your Environmental Specialist as far as possible in advance of planned / scheduled blowdowns that are not an exception per 2.5 of this procedure.

2.4.2 Be prepared to provide to your Environmental Specialist a current extended chromatographic analysis of the product to be released.

2.4.3 The Environmental Specialist will:

2.4.3.1 Review information provided;

2.4.3.2 Notify appropriate agencies;

2.4.3.3 Obtain required permits or permissions;

2.4.3.4 Provide Operations with any special conditions and / or limitations to be observed before, during, and/or after the planned / scheduled blowdown event; and

2.4.3.5 Perform any required post event reporting or follow-up to agencies.

2.5 Exceptions to Procedure:

2.5.1 Sheen on rainwater within facilities, dikes, valve boxes, etc.. that is not the result of a release event. However, one must follow proper disposal and housekeeping practices for these cases.

2.5.2 Routine releases to pollution control devices (flares, thermal oxidizers, etc.) **in accordance with permit conditions or limitations.**

2.5.3 Site-specific procedures may qualify as an exception, if reviewed and approved by your Environmental Specialist.

2.5 Post Report Follow-up (for Remediation and Cost Purposes)

2.5.1 Within 45 days of any release that affected soil or water, Operations will submit to the Environmental Specialist the following information:

2.5.1.1 Quantity of soil, water, or product removed as a result of a release;

2.5.1.2 Disposition of soil, water, or product removed (i.e., land, farm, landfill, disposal, etc.);

2.5.1.3 Update of costs incurred because of release. (Includes value of lost product, repair costs response costs, clean up costs, disposal costs, etc.)

2.5.1.4 Environmental Specialist will update release database with additional information from 2.5.1.1 through 2.5.1.3.

2.6 Release Database

2.6.1 The Tulsa Release Reporting Compliance Specialist will maintain the release database and update with follow-up information from 2.5.1.1 through 2.5.1.3 above.

3.0 REFERENCES

3.1 Regulatory

3.1.1 Various regulatory requirements at the State and Federal levels require reporting of releases and/or release events.

3.1.2 49 CFR 191, 192 and 195

3.2 Related Policies/Procedures

3.2.1 SIP-ADM-6.04 - Pollution Prevention and Spill Response

3.2.2 5.05-ADM-002 - Accident Reporting

3.2.3 SIP-ADM-12.01 Emergency Response and Planning

3.3 Forms and Attachments

3.3.1 WES-35 - Release Report Form

3.3.2 Onshore Release/Spill Notification Flow Chart

3.3.3 Telephonic and Written Release Reporting Requirements

3.3.4 SIP Feedback/Change Request

4.0 DEFINITIONS

4.1 **Liquid** - For the purposes of these reporting criteria, a substance should be considered a liquid if it is transported or stored in liquid form. Liquid releases should be reported using the measurement unit used when transporting the product (i.e., gallons/barrels).

4.2 **Gas** - For the purposes of these reporting criteria, a substance should be considered a gas if it is transported or stored in gaseous state. Gas releases should be reported using the measurement unit used when transporting the product (i.e., m.s.c.f.).

4.3 **Facility Boundary** - The Facility Boundary is the area within the fenced perimeter or the property line. If no fence or clear property line exists, then the facility boundary is that area clearly maintained by Operations (graveled, mowed, cleared, etc.), excluding pipeline rights-of-way.

4.4 **Offshore Release** - Any release that occurs seaward of the coastline or in an onshore Tidally Affected Zone.

4.5 **Onshore Release** - Any release that does not occur offshore in a Tidally Affected Zone.

4.6 **Tidally Affected Zone** - Relating to or affected by tides: *the tidal maximum; tidal pools; tidal waters.*

4.7 **DOT jurisdictional Pipeline or Pipeline Facility** – Pipeline or pipeline facility subject to 49 CFR Parts192 or 195.

4.8 **Hazardous Liquid** – Per 49 CFR 195.2 - petroleum, petroleum products, or anhydrous ammonia.

➢➢➢End of Procedure≪≪≪

System Integrity Plan Change Log

Date	Change Location	Brief Description of Change
01/20/03		Added link to Onshore Release/Spill Notification Flowchart
	2.0	Deleted Scope
	3.1	**Deleted** "Certain Company operated assets can be the source of hydrocarbon or other fluid releases or atmospheric releases into the environment. Although we can learn much about our assets and operating practices by tracking all releases, the procedure below has been developed so that the Company can allocate its resources most appropriately. However, every spill situation is different: If there is a realistic risk of exposure to the public, livestock, the soil or ground water, the event and condition must be reported. **Proper reporting ensures a proper response.**" **Added** "This procedure applies to liquid and gas releases"
	3.2	Deleted "direct the administration of all Release reporting in their area and provide the following:"
	3.2 bullet	Deleted "Provide reportable release volumes to Operations, as requested, for common routine, intentional, maintenance blow-down events." Deleted "Compile all submitted release data to calculate total release-related associated costs for their area." Rewrote to read "Submit release follow-up information to the applicable regulatory agencies"
	4.1	Added "Liquid releases should be reported using the measurement unit used when transporting the product"
	4.4	Added "A deliberate, controlled release of gaseous or liquid material to the environment"
	5.0	Deleted Responsibilities
	6.1	Added "Onshore"
7/11/03	1.0	Delete "The purpose of this procedure is to provide a standard method for determining what constitutes a", reportable and details instruction on what needs to be done when a reportable release occurs"
7/11/03	2.0	Delete "SCOPE"
	2.1	Deleted "Applies To - all of Williams Energy Services' domestic Midstream/NGL and inland Transportation and Terminal facilities."

	2.2	Deleted "Exceptions - Williams Energy Canada (WEC) Foreign assets, marine terminals, and offshore assets. Marine facilities and offshore assets will report releases in accordance with facility specific Offshore Spill Response Plans and reportable quantities. The Offshore Spill Notification Matrix should also be adhered to. Foreign locations WEC will report releases per their WEC management team's guidelines."
	3.1	Deleted "Certain Company operated assets can be the source of hydrocarbon or other fluid releases or atmospheric releases into the environment. Although we can learn much about our assets and operating practices by tracking all releases, the procedure below has been developed so that the Company can allocate its resources most appropriately. However, every spill situation is different: If there is a realistic risk of exposure to the public, livestock, the soil or ground water, the event and condition must be reported. Proper reporting ensures a proper response." Added "This procedure applies to liquid and gas releases.
	3.2	Deleted "Administration", "direct the administration of all Release reporting in their area and provide the following", "liquid maintenance", "Provide reportable release volumes to Operations, as requested, for common routine intentional maintenance blow-down events", "Compile all submitted release data to calculate total release costs for their area.", "Each Environmental Specialist will communicate to their respective Area the required timeframes for submittal. Added "Submit to the applicable regulatory agencies"
	4.0	Moved "Definitions" to end of document
	5.0	Deleted "Responsibilities" Section
7/11/03	6.1	Added "Offshore Releases - Operations will immediately report all offshore releases to O'Brien Oil Pollution Services (985-781-0804) and to the Environmental Specialist. O'Brien will make the required notifications and reports to the appropriate regulatory agencies in accordance with the (add O'Brien matrix)"
	6.1.1	Added "The Environmental Specialist will complete the WES 35 - Release Report Form and forward to the Compliance Specialist in Tulsa within 5 working days"
	6.2	Deleted "or their designee", "(or within 15 minutes if an ammonia release"
	6.2.1	Deleted "Due to a system/part failure", within a 24 hour period (unless excluded by", "Any non-maintenance release from a pipeline 5 gallons or greater (i.e., seal failure or leaking valve) Added "where the release", "within a 24-hour period

	6.2.2	Deleted "Sheen on rainwater puddles in a facility (follow proper housekeeping practices)", NOTE – FLARES" "A permitted flare may have permit limits and may require tracking of flaring events Exceedance of permit limits must be immediately reported to your local Environmental Specialist, not to the toll free number", " with the exception of ammonia which must be reported for any release of 20 gallons (100 pounds) or more." Added "Routine", "A permitted flare may have permit limits and may require tracking of flaring events. Exceedance of permit limits must be immediately report to your local Environmental Specialist not to the toll-free number"
	6.2.3	Deleted "can be found at the link provided in Section 7/3. (WES-35 – Release Report Form.xls). (Changed this to a link and changed the title of the link" Added "onshore releases is listed in WES-35 Release Report Form
7/11/03	6.2.4	Deleted "NOTE - RESPONSE MEASURES The Environmental Specialist will contact local Operations to ensure adequate response measures have been taken for each release event and to track closure of each release event wit the appropriate regulatory agencies (if necessary). Added "The third party contractor will notify the appropriate regulatory agencies in accordance with the Release Matrices"
	6.3	Change "90" to "45", "record" to "database" Deleted "(KC filter press, contract disposal, etc.),",
	7.2.1	Added "Pollution Prevention and Spill Response"
	7.3	Added "Release Report Form, WES-35 (changed the title of the link)" "Offshore Incident Notification Matrix ", "Onshore Release/Spill Notification Flowchart", "O'Brien Matrix"
8/22/03	2.2.2	Added "Allow sufficient time for Operations..."
	2.0	Added "Written reports are required..." to Note section
	3.1.7	Deleted "within one hour of occurrence or discovery"
	2.4.7	Added "Some materials, such a ethylene/propylene..."
	2.4.12	Added "Louisiana allows 1.0 MMscf releases without approval or notification..."
	2.5	Added "Compliance Specialist" for maintaining database
9/3/3	3.3.3	Deleted "any release that exists an offshore platform and causes a sheen"

	3.3.3 D	Deleted "MTBE, benzene, 1,3-butadiene" Deleted "Some materials, such a ethylene/propylene have a reduced RQ due to area attainment status (Baton Rouge, Louisiana), verify RQ in pounds when atmospheric releases occur." Added "This threshold may be modified by the ES for specific areas or facilities."
	2.4.11	Deleted "Incidental" (i.e., not from a system/part failure) liquid releases less than 5 gallons of glycol, amine, methanol, condensate or other products, to include releases at truck loading racks"
	2.4.12	Changed to read "Intentional "blowdown" events (i.e., less than 5 bbls of propane/butane mix, or 50 mscf of natural gas. Louisiana allows 1.0 mmscf releases without approval or notification. If quantities are greater than 1.0 mmscf, contact your Environmental Specialist."
	2.5.3	Added "Offshore Releases not involving a sheen – Your area ES."
04/18/04	2.3.1.3 – 2.3.1.7 and 2.4.2.5 – 2.4.2.9; 4.0 – Definitions; and 2.4.4 Document Header General	Added reporting requirements from 49 CFR 191, 192 & 195; Added 4.6, 4.7 and 4.8; Changed "Title E" to "Tidally"; Established link to WES-35 – Release Report Form; Changed "Energy Services" to "System Integrity Plan," changed revision number from 5 to 6 and changed effective date to 04/19/04; and Made miscellaneous obvious corrections.
09/15/04	Entire Document	Reordered and rewritten Added Plans Required of Pipelines/Facilities Clarified that 3E needs to be called as soon as possible and corrections made later.

1.0 PURPOSE

1.1 To outline the conditions under which facilities are subject to the requirements of the EPA Oil Pollution Prevention program, specify the actions required at facilities to comply with pollution prevention and/or response plans, and to ensure facilities are in compliance with all applicable oil pollution prevention regulations.

2.0 PROCEDURE

2.1 At least Annually, perform visual inspections of oil storage tanks and containers (single containers with capacities >55 gallons) for signs of deterioration, discharges or accumulation of oil inside diked areas. Document Inspections on 0019 – External Visual Tank Inspection form.

2.2 Test each aboveground container for integrity on a regular schedule and whenever you make material repairs. These tests are performed in accordance with SIP-ADM-7.15 - Aboveground Storage Tank Integrity

2.3 Perform maintenance or repairs necessary to prevent or stop leaks or releases and document the work following company maintenance and repair procedures.

2.4 Maintain appropriate spill response equipment at an easily accessible location at the facility and ensure facility personnel are trained on the materials and their use(s).

2.5 Routine releases of storm water from containment areas shall be documented on WES-87 – Record of Secondary Containment Discharge. All other releases will be reported according to 6.04-ADM-002 – Release Reporting procedure.

2.6 Facility Pollution Prevention Plans

2.6.1 The oil pollution prevention regulations include two plans related to non-transportation onshore facilities. The most common is the Spill Prevention Control and Countermeasure (SPCC) Plan. The second is the Facility Response Plan (FRP).

2.6.1.1 An SPCC Plan is a written document that describes the steps a facility takes to prevent oil spills and to minimize the risk of harm to the environment.

2.6.1.2 A Facility Response Plan is a written document that

describes the procedures for responding to a spill.

NOTE

If your facility requires a Facility Response Plan (FRP), it will include an Emergency Response Action Plan (ERAP), which is equivalent to a Williams Emergency Response Plan (ERP). Therefore, if a facility has an FRP, the Environmental Specialist will be responsible for preparation of the ERAP, and a separate ERP (as required by SIP-ADM-12.01 - Emergency Response and Planning) is not required. See 6.04-ADM-003 – Plans Required for Facilities-Pipelines to determine the plans applicable to your facility/pipeline.

2.6.2 The Environmental Specialist is responsible for preparation of SPCC plans or FRPs.

2.6.3 Operations is responsible for:

2.6.3.1 Reviewing draft plan(s), providing comments to the Environmental Specialist (ES) and meeting published timeframes for reviews and comments

2.6.3.2 Ensuring it is capable of complying with the document upon publication

2.6.3.3 Reviewing the plan(s) Annually and providing revisions or updates to the ES

2.6.3.4 Performing inspections required by the plan(s)

2.6.3.5 Maintaining documentation required by the plan(s) on the appropriate forms

2.6.3.6 Conducting annual drills if an FRP is in-place for the facility

2.6.3.7 Ensuring adequate response contractors are available in the area

2.6.3.8 Providing to the ES a current site survey to allow for secondary containment calculations to be conducted.

2.6.4 Requirements to Maintain Records - The facility is required to maintain all inspection logs, secondary containment drainage logs, etc., for a period of 5 years. These records must be maintained in a centralized location at the facility and must be easily accessible to an inspector.

2.6.5 Requirements to Maintain the EMIS - The EMIS will be populated with all requirements of the facility's plans (SPCC/FRP) and any associated best management practices. The Environmental Group (ES, and CA) is responsible for maintaining the database.

2.6.6 Training Requirements – The Federal regulations for oil pollution prevention require annual training on the facility's plans and an overall education on plan requirements/purpose. Operations is responsible for ensuring all personnel receive the required SPCC/FRP training on an annual basis. This training may be coordinated with the Environmental Specialist as part of the required annual review.

3.0 REFERENCES

3.1 Regulatory

3.1.1 Oil Pollution Prevention Act of 1990

3.1.2 40 CFR 112, Oil Pollution Prevention (EPA)

3.1.3 Applicable state, regional and local regulations

3.2 Related Policies/Procedures

3.2.1 Training CD for SPCC Plans

3.2.2 SIP-ADM-7.15 - Aboveground Storage Tank Integrity

3.3 Forms and Attachments

3.3.1 WES-87 – Record of Secondary Containment Discharge

3.3.2 WES-35 - Release Report Form

3.3.3 6.04-ADM-002 - Release Reporting

3.3.4 6.04-ADM-003 – Plans Required for Facilities-Pipelines

3.3.5 0019 – External Visual Tank Inspection

3.3.6 SIP-ADM-12.01 - Emergency Response and Planning

3.3.7 Spill Prevention Control and Countermeasure (SPCC) Plan

3.3.8 Facility Response Plan

3.3.9 SIP Feedback/Change Request

4.0 DEFINITIONS

4.1 Aboveground Storage Tank (AST) – A tank that has all its surfaces above the existing grade so as to allow visual inspection of all the tank surfaces.

4.2 DOT – Department of Transportation

4.3 EPA – Environmental Protection Agency

4.4 **Facility** – Any terminal, facility, pipeline, etc. owned or operated by Williams.

4.5 **Facility Response Plan** - Required for any non-transportation related facility that could be expected to cause substantial harm to the environment by discharging oil into or on navigable waters or adjoining shorelines.

4.6 **MMS** – Minerals Management Service

4.7 **Navigable Waters** – The Clean Water Act defines the navigable waters of the United States as the following: all navigable waters, as defined in judicial decisions prior to the passage of the Clean Water Act, and tributaries of such waters; interstate waters; intrastate lakes, rivers, and streams that are used by interstate travelers for recreational or other purposes; and intrastate lakes, rivers, and streams from which fish and shellfish are taken and sold in interstate commerce.

4.8 **Oil** – Oil of any kind or any form, including, but not limited to, petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil. The EPA accepts the definition of oil as the list provided by the USCG at http://www.uscg.mil/vrp/faq/oil.shtml.

4.9 **Oil Pollution Act (OPA) of 1990** – OPA 1990 requires regulated facilities to submit spill response plans that address the facility owner's or operator's ability to respond to a "worst-case discharge." OPA 90 is being implemented by EPA under 40 CFR 112, Oil Pollution Prevention, Section 112.20, Facility Response Plans.

4.10 **Oil Spill Response Plan** – An Oil Spill Response Plan provides information on responding to a spill at a facility and is intended to satisfy the requirements of the Oil Pollution Act of 1990; Facility Response Plan requirements of 40 CFR 112, Oil Pollution Prevention (EPA); Pipeline Response Plan requirements of 49 CFR 194, Response Plans for Onshore Oil Pipelines (RSPA); Facility Response Plan requirements of 33 CFR 154 Subpart F, Response Plans for Oil Facilities (USCG); and 30 CFR 254, Oil-Spill Response Requirements for Facilities Located Seaward of the Coast Line (MMS).

4.11 **OSRO** – Oil Spill Response Organization

4.12 **PREP** – National Preparedness for Response Exercise Program

4.13 **Release** – synonymous with spill in this document. Williams' definition of a release is contained in the Release Reporting Guidelines which is maintained by the Environmental Group.

4.14 **RSPA** – Research and Special Programs Administration

4.15 **Spill Prevention, Countermeasures, and Control (SPCC) Plan** – An SPCC Plan provides information on spill prevention at a facility and is intended to satisfy the requirements of the SPCC Plan requirements in 40 CFR 112, Oil Pollution Prevention.

4.16 Underground Storage Tank (UST) – A tank that has all its surfaces below the existing grade.

4.17 USCG – United States Coast Guard

➢➢➢End of Procedure≺≺≺

System Integrity Plan Change Log

Date	Change Location	Brief Description of Change
9/3/3	2.1.5	Deleted
	2.2.1 B	Added "O'Brien's Oil Pollution Services (OOPS) at 985-781-0804 and"
	2.2.2 B	Changed 48-72 to "4 working days"
	2.2.2 C	Changed to "For offshore releases: If the release is not reported to OOPS, the ES will complete the WES Release Report Form and distribute for review. All corrections must be provided to the ES in a return email within 4 working days of receipt. For releases reported to OOPS the ES will not distribute an initial report."
	2.2.3 B	Changed to "For off-shore or marine facility releases: The ES or Compliance Administrator will gather corrections and distribute the final report to all stakeholders via the final distribution list."
	2.3.3	Deleted Marine Facility and is responsible Rewrote to read "The Environmental Specialist is responsible for preparation of SPCC plans or FRP's ."
10/24/03	2.2.4.1	Deleted "Controlled by Area FOA
	2.3.4.3	Deleted "If release is not reported to Oops"
	2.2.4.3	Deleted "for releases reported to Oops, the ES will not distribute an initial report."
	2.2.5.2	Deleted "marine facility"
	2.2.6.1	Deleted "there is no specific timeframe to submit this information."
	2.3.3.1	Deleted "or the SPCC/FRP Program Manager"
	2.3.3.3	Deleted "or the SPCC/FRP Program Manager"
	2.3.5	Deleted "Program Manager" and "Local"
9/15/04	2.1	Deleted for manned facilities Deleted daily facility Deleted for unmanned facilities perform daily inspections. Added Document Inspections on 0018 – Visual External Inspections.
	2.2	New - Test each aboveground container for integrity on a regular schedule and whenever you make material repairs. These tests are performed in accordance with SIP-ADM-7.15 - Aboveground Storage Tank Integrity Renumbered

	2.5	New Routine releases of storm water from containment areas shall be documented on WES-87 – Record of Secondary Containment Discharge. All other releases will be reported according to 6.04-ADM-002 – Release Reporting procedure.
	2.5	Deleted: When to Initiate 2.5.1 The first person to discover a spill/release at a facility will immediately take appropriate action to protect life, and ensure safety of personnel. An attempt will be made to mitigate the effects of the spill by terminating operations, closing valves, or taking other measures to stop the leak or spill as long as personnel are not in danger. 2.5.2 For onshore releases: If the spill is reportable (refer to 6.04-ADM-002 - Release Reporting procedure), the appropriate person (usually person discovering the release) will immediately notify the 24 hour O&TS release hotline at 1-888-677-2370 and, if necessary, local emergency response personnel/contractors. NOTE The current 24 hour O&TS release hotline is managed by a contractor, 3E. 3E provides 24-hour service/support, to include reporting major incidents and providing on-demand MSDSs. 2.5.3 Offshore releases: If the spill creates a sheen (refer to 6.04-ADM-002 - Release Reporting procedure), the appropriate person (usually person discovering the release) will immediately notify O'Brien's Oil Pollution Services (OOPS) at 985-781-0804 and the Environmental Specialist or his/her management team. 2.5.4 Receiving and reviewing the initial release report 2.5.4.1 Onshore releases: Within 24 hours, 3E will distribute an initial release report to the Area. The initial distribution will be made via Area e-mail boxes. 2.5.4.2 Each person that receives an initial report is required to review the report for correctness and clarity. All corrections must be provided to 3E in a return e-mail within 4 working days of receipt. 2.5.4.3 Offshore releases: The ES will complete the WES-35 - Release Report Form and distribute for review. All corrections must be provided to the ES in a return email within 4 working days of receipt. 2.5.5 Receiving a final release report

		2.5.5.1 Onshore releases: 3E will gather the corrections from the initial release report and distribute a final report within 5 days of the release. The final report is sent to a distribution list controlled by Williams. 2.5.5.2 Off-shore releases: The ES or Compliance Administrator will gather corrections and distribute the final report to all stakeholders using the appropriate area and final distribution lists. 2.5.6 Providing Follow-up Information on the Release 2.5.6.1 The Operations Manager or his/her designee shall notify the local Environmental Specialist of the specific response measures taken to respond to the release and all follow-up actions that were taken as a result of the spill or release, if this information was not reported to 3E. It is recommended that the update be provided within 2 workdays of the actions being completed.
	2.6 Note Box	Added See 6.04-ADM-003 – Plans Required for Facilities-Pipelines to determine the plans applicable to your facility/pipeline.
	2.6.6	Added This training may be coordinated with the Environmental Specialist as part of the required annual review.
	3.3.4	Added 0018 – Visual External Inspections Renumbered
	4.6	Deleted Hydrocarbons and Other Fluids definition

Appendix B
NMOCD Notification and Corrective Action

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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

Latitude_____ **Longitude**_____

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:
E-mail Address:	Conditions of Approval:	Attached ☐
Date: Phone:		

* Attach Additional Sheets If Necessary

Appendix C
Public Notice

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

March 10, 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 Trunk A Booster Station (GW-248). 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 April 2006.

The facility, located in Section 8, Township 29 North, Range 8 West, San Juan County, New Mexico, approximately 16.3 miles northeast of Bloomfield, provides natural gas compression and conditioning services.

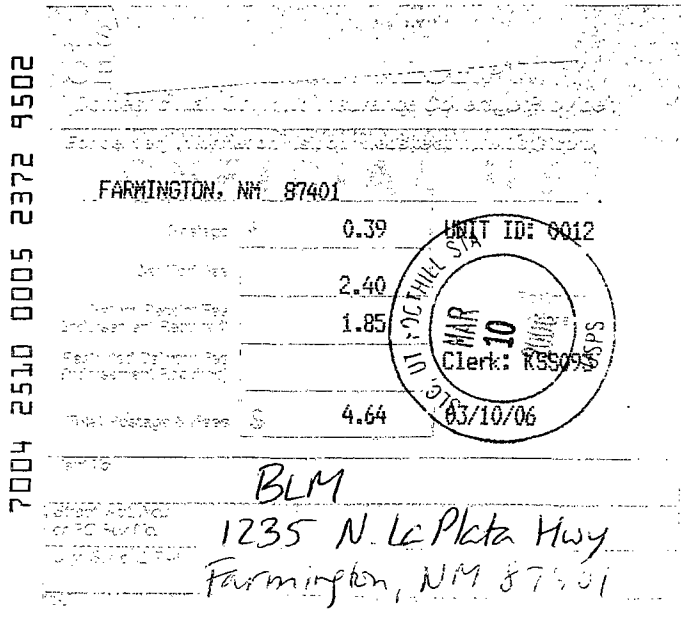
The discharge permit addresses how spills, leaks, and other accidental discharges to the surface will be managed. The facility does not discharge wastewater to surface or subsurface waters. All wastes generated will be temporarily stored in tanks or containers. Waste shipped offsite will be disposed 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 expected to be at least 400 to 600 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



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

October 23, 2003

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

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

Dear Mr. Ford:

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

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

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

Respectfully Submitted,

Clara M. Garcia
Environmental Compliance

Attachments: Drain Line Testing Reports

xc: FCA Environmental 220 File
Denny Foust, OCD Aztec

TEST REPORT
FM-07-0301 (Rev. 8-89)

FIELD PROOF TESTS OR LEAK TESTS
PIPELINES

12-16-02

Division & Region	Line No., System No. (If Gathering)	Location & Test Number
MANZANARES	N/A	N/A

Name of Facility	Pipe Manufacturer
Trunk A Booster CDP	N/A

Diameter	Wall Thickness	Grade	Reference DWG. Numbers
drain lines	sch 40	N/A	N/A

Location Class	Construction Type	MAOP	Required Test Pressure
N/A	N/A	3#	3#

From Engineering Station — To Engineering Station	From Mile Post — To Mile Post
N/A	N/A

Other Limitations (Valve, fittings, etc.)	Length of Test Section
N/A	various

Date Test Started	Date Test Completed	Weather
		cold

Pressure Pump Location	Dead Wt. Location & Elevation
High Point - stand-tube	N/A

Test Medium	High Pt. & Low Pt. Elev. Diff. from Dead Wt. Location
N/A	N/A

TIME	D.W. PRESSURE	AMB. TEMP., °F	GROUND TO PIPE TEMP, °F	GROUND TEMP, °F	REMARKS
3⁰⁰ P	N/A	40°	32°	32°	3# pressure - required test good
					Bobby Smith - Insp.
			DATA TAKEN BY		

TEST REPORT (Continued)

PRESSURE — VOLUME TABLE					
PRESSURE	VOLUME	DIFFERENCE	PRESSURE	VOLUME	DIFFERENCE

NOTES: For notes and explanations regarding this test form see the Manual of Recommended Practices, Testing Section A1165, Records.

APPROVAL	
TEST COMPANY:	EL PASO NATURAL GAS COMPANY
TEST APPROVED BY:	TEST APPROVED BY:
DATE:	DATE

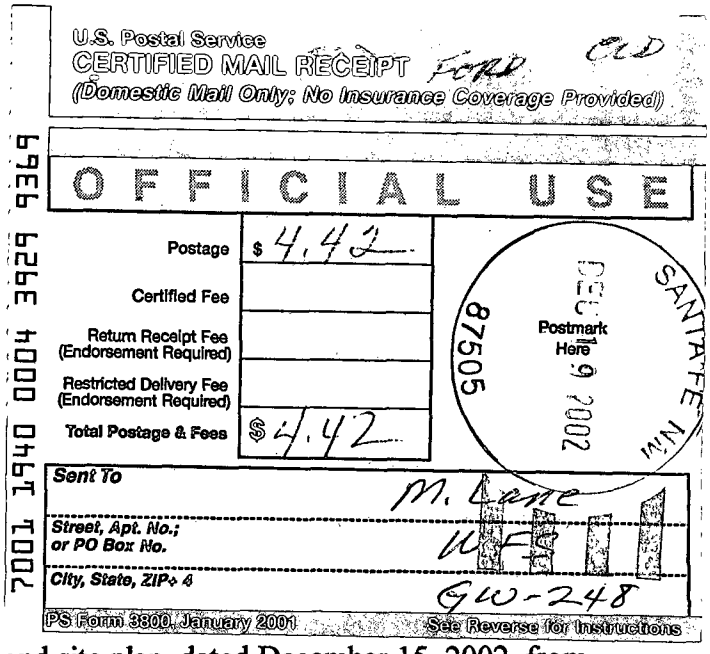
NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

December 19, 2002

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 9369



Mr. Michael K. Lane
Williams Field Services
188 CR 4900
Bloomfield, New Mexico 87413

RE: Site Modification Approval
GW-248, Trunk A Compressor Station
San Juan County, New Mexico

Dear Mr. Lane:

The OCD has received the site modification letter and site plan, dated December 15, 2002, from Williams Field Services for the Trunk A Compressor Station GW-248 located in NE/4 NW/4, Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. The request to reduce the 740 gallon waste water tank with a 70 barrel double-walled below-grade tank is **hereby approved.**

Please note that 20 NMAC 6.2.3104 of the regulations requires that **"When a plan has been approved, discharges must be consistent with the terms and conditions of the plan."** Pursuant to 20 NMAC 6.2.3107.C Williams Field Services is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume. Further, this approval does not relieve Williams Field Services from liability should operations result in contamination to the environment.

Sincerely,

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

cc: Mr. Denny Foust - Aztec District Office

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

December 15, 2002

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

Re: **Trunk A Compressor Station (GW-248) Discharge Plan Modification**

Dear Mr. Ford:

Please be advised Williams has replaced the 740 gallon waste water tank with a 70 bbl tank. The new tank is a double-walled below-grade steel tank. The double-wall provides containment. The tank location is highlighted on the attached facility plan. 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) 632-4625.

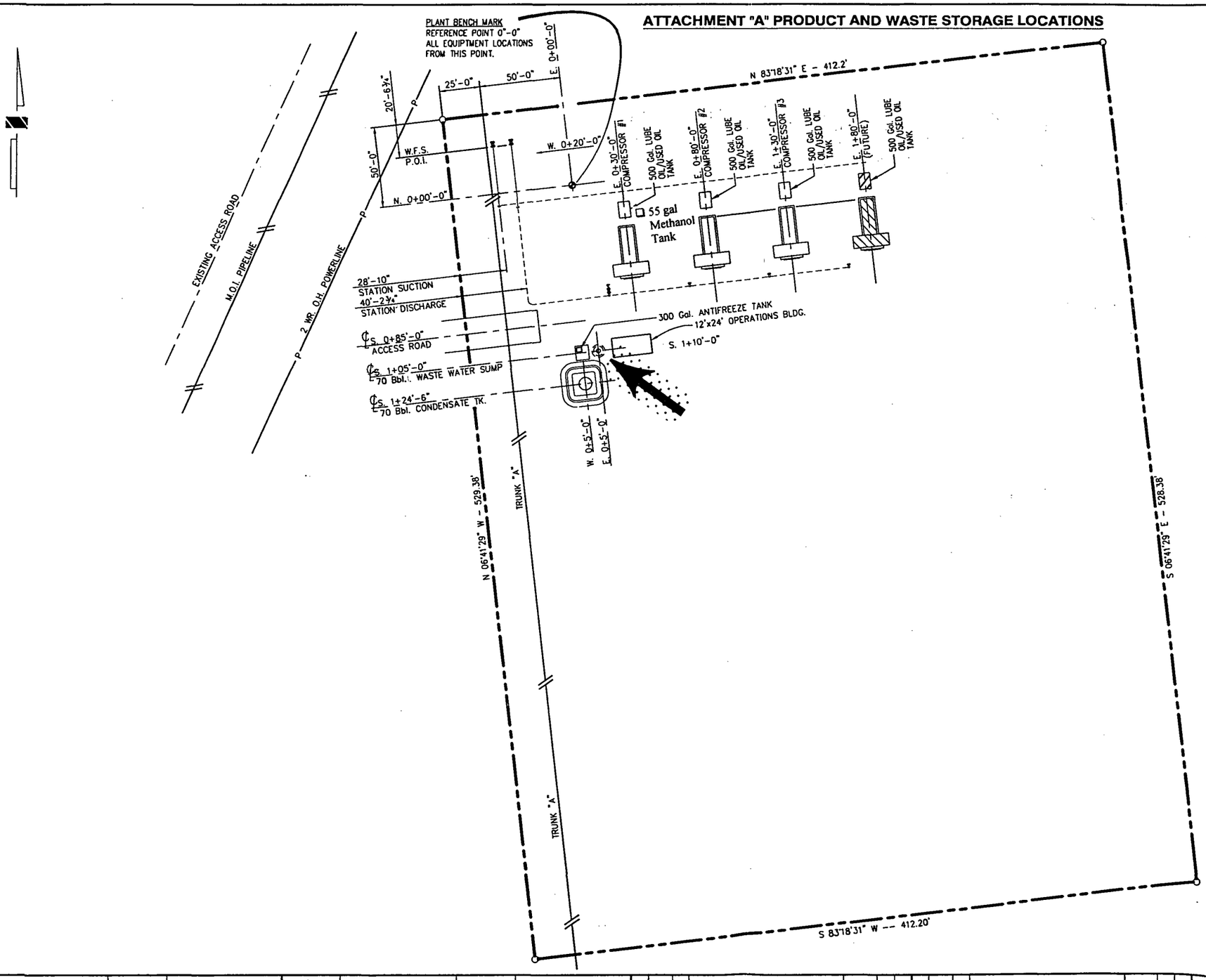
Respectfully submitted,

Michael K. Lane
Senior Environmental Specialist

Xc: Denny Foust, Aztec OCD

OPERATIONS			
Manual: TRUNK "A" COMPRESSOR STATION			
Section: SPILL PREVENTION CONTROL	Tab: 13	Document No.: 4213.001	
Effective Date: 12-8-98	Issue No.: 02	Page No.: 5 of 8	

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS



DRAWING NO.	TITLE	DRAWING NO.	TITLE
REFERENCE DRAWINGS			

DRAWING NO.	TITLE	DRAWING NO.	TITLE
REFERENCE DRAWINGS			

NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.
02	12-8-98	PHM	REVISED PER FIELD AS-BUILT	98408		
01	12-22-98	PHM	ISSUED PER AS-BUILT DESCRIPTION.	98408		

REVISIONS

DRAFTING	BY	DATE
DRAWN BY	PHM.	10-22-98
CHECKED BY		
APPROVED BY		
ENGINEER	BY	DATE
DESIGNED BY		
PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS GAS PROCESSING
ONE OF THE WILLIAMS COMPANIES

TRUNK "A" COMPRESSOR STATION
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'
W.O. NO. 98408
DWG NO. TRA-1-P3
SHEET 1 OF 1
REV 02

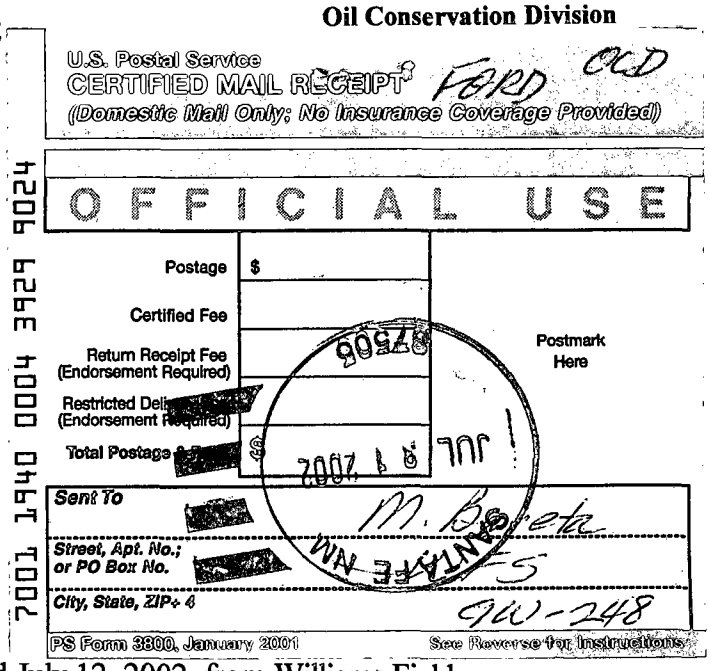
S:\WFSDS\PM_EI\Tra\EOD\00030102.dwg Mon Mar 08 08:57:53 1999

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

July 30, 2002



CERTIFIED MAIL
RETURN RECEIPT NO. 3929 9024

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

RE: Site Modification Notification
Trunk A Compressor Station GW-248
San Juan County, New Mexico

Dear Mr. Bareta:

The OCD has received the site modification letter, dated July 12, 2002, from Williams Field Services for the Trunk A Compressor Station located in the NE/4 NW/4 of Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. The installation of a 55-gallon Methanol storage tank is considered a minor modification to the approved discharge plan. **The site modification is herewith approved with the stipulation that all modifications comply with the discharge plan and/or any renewals previously approved.**

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

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

Sincerely,

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

cc: OCD Aztec District Office

Williams

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

July 12, 2002

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

Re: **Trunk A Compressor Station (GW-248) Discharge Plan Modification**

Dear Mr. Ford:

Please be advised that a 55-gallon methanol storage tank has not been described previously in the site's Discharge Plans. The tank is located within a metal containment with at least 133% of the tank capacity.

The tank location is highlighted on attached facility plot plan. 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,

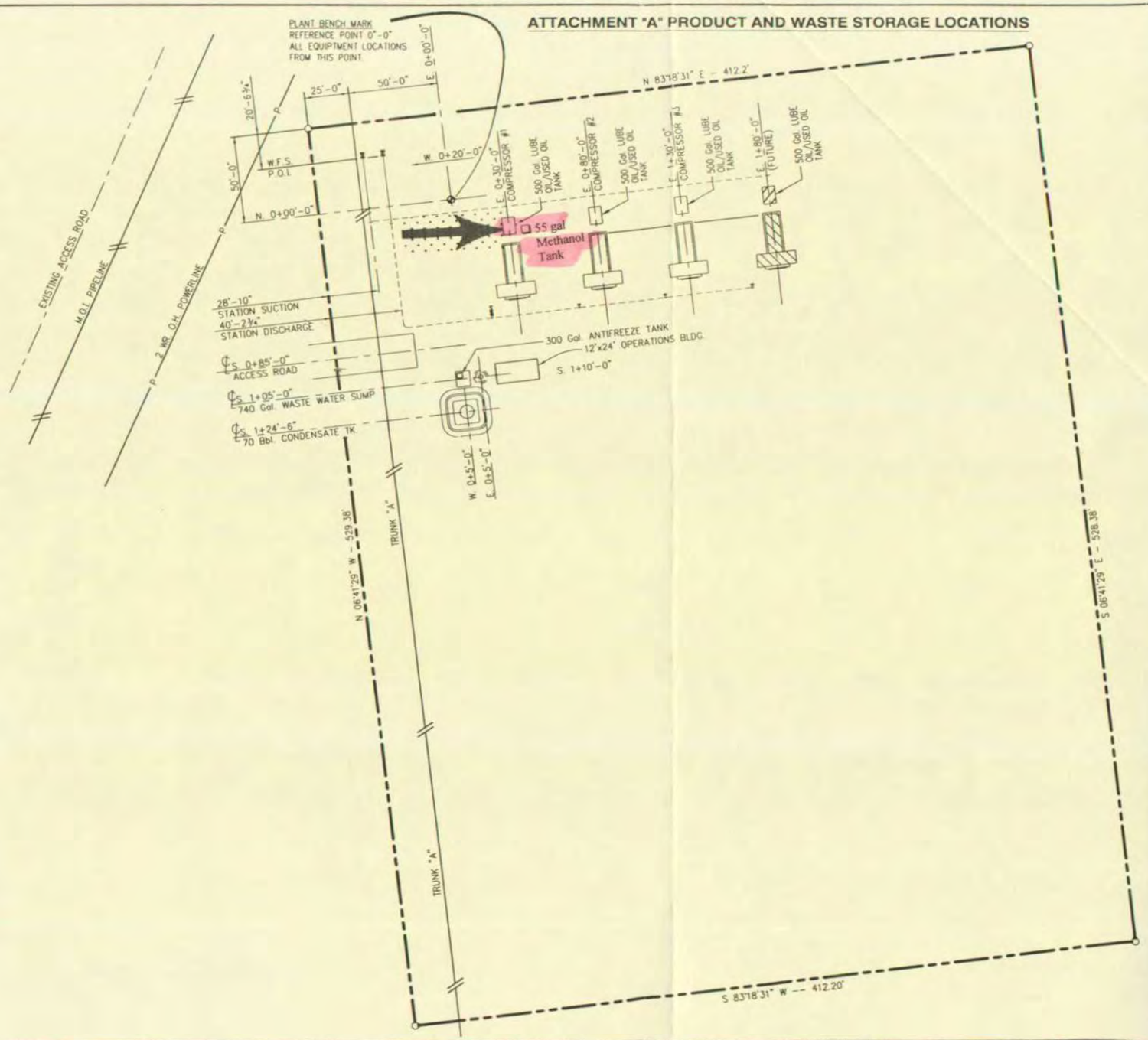
Ethel Holiday
Environmental Compliance Specialist

Attachments: Trunk A Plot Plan

Xc: Denny Foust, Aztec OCD

OPERATIONS			
Manual	TRUNK "A" COMPRESSOR STATION		
Section	SPILL PREVENTION CONTROL	Tab No. 13	Document No. 4213.001
Effective Date	12-8-98	Issue No. 02	Page No. 5 of 8

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS



REFERENCE DRAWINGS				REFERENCE DRAWINGS				REVISIONS														
DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK	APP	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK	APP
															02	12-8-98	PHAM	REVISED PER FIELD AS-BUILT	98408		
															01	10-22-98	PHAM	ISSUED PER AS-BUILT	98408		

DRAFTING	BY	DATE
DRAWN BY	PHAM	10-22-98
CHECKED BY		
APPROVED BY		
ENGINEER	**BY**	**DATE**
DESIGNED BY		
PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS GAS PROCESSING
ONE OF THE WILLIAMS COMPANIES

TRUNK "A" COMPRESSOR STATION
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'
W.O. NO. 98408
DWG NO. TRA-1-P3
SHEET 1 OF 9
REV 02

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: (Family Name) [signature] Date: (DP No.) 12/4/01

Submitted to ASD by: ______________ Date: ______________

Received in ASD by: ______________ Date: ______________

Filing Fee ____ New Facility ____ Renewal ✓

Modification ____ Other ______________ (specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ____

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

Williams

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

70-2322 / 719
A/C 9401076

[redacted]

DATE: 11/29/2001

PAY TO THE ORDER OF:

PAY ➡ *****$17,000.00

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

SANTA FE NM 87504
United States

Bank One, NA
Illinois

[signature]
Authorized Signer

MA1353 (10/99)

[redacted]

THE SANTA FE
NEW MEXICAN
Founded 1849

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

AD NUMBER: 220076 ACCOUNT: 56689
LEGAL NO: 69809 P.O.#: 02199000249
337 LINES 1 time(s) at $ 148.55
AFFIDAVITS: 5.25
TAX: 9.61
TOTAL: 163.41

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 #69809 a copy of which is hereto attached was published in said newspaper 1 day(s) between 08/06/2001 and 08/06/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 6 day of August, 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
6 day of August A.D., 2001

Notary Laura E. Harding

Commission Expires 11/23/03

NOTICE OF PUBLICATION

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

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

(GW-248) - 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 Trunk A Booster Station located in the NE/4 NW/4, Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 20 gallons per day of process wastewater is collected in an above ground, closed top tank prior to transport to an OCD approved off-site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 460 feet with a total dissolved solids concentrations ranging from 200 to 2000 mg/l. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 25th day of July, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

LORI WROTENBERY, Director
Legal #69809
Pub. August 6, 2001

AFFIDAVIT OF PUBLICATION

Ad No. 44844

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):

Monday, August 6, 2001.

And the cost of the publication is $157.41.

Connie Pruitt

ON 8.9.01 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

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GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 25th day of July, 2001.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Legal No. 44844, published in The Daily Times, Farmington, New Mexico, Monday, August 6, 2001.

NOTICE OF PUBLICATION

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

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STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

LORI WROTENBERY, Director

Gas - 248

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)

Filing Fee Paid San Juan

☐ New ☑ Renewal ☐ Modification

1. Type: Compressor Station (Trunk A Booster Station)
2. Operator: Williams Field Services Company

   Address: 188 CR 4900, Bloomfield, New Mexico 87413

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

3. Location: NE/4 NW/4 Section 8 Township 29 North Range 8 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: July 13, 2001 Date Mark J. Bareta for Mark Bareta

DISCHARGE PLAN RENEWAL

TRUNK A BOOSTER STATION
(GW-248)

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 Trunk A Booster Station was built in 1996 to provide metering, compression, and dehydration services to various producers for the gathering of coal seam natural 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 Trunk A Booster Station is located in Section 8, Township 29 North, Range 8 West, in San Juan County, New Mexico, approximately 16.3 miles northeast of Bloomfield, New Mexico. A site location map is attached (USGS 7.5 Min. Quadrangles: Archuleta and Cutter Canyon, 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 six 1369-hp engines. Only three units are currently installed at the site. In addition, there are various storage tanks, support structures and ancillary equipment. Records related to facility operations are maintained at central office locations.

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

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

TABLE 1
SOURCE, QUANTITY, AND QUALITY OF EFFLUENT AND WASTE SOLIDS
TRUNK A BOOSTER 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	1000-3000 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
TRUNK A BOOSTER STATION

PROCESS FLUID/WASTE	STORAGE	CONTAINER CAPACITY (approximate)	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Used Oil	Above Ground Storage Tanks	(3) 500 gallons	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.
Wash-down Water	Below-ground sump, vaulted	740 gallons	Dual-walled tank	Non-Exempt	Water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Used Process Filters	Drum or other container	Varies	Transported to a WFS or contractor facility in drum or other container	Exempt	Transported to a WFS or contractor consolidation point, drained, and ultimately transported for disposal at an approved disposal facility. A Waste Acceptance Profile will be filed with the disposal facility. Recycling options may be considered when available.
Empty Drums / Containers	N/A	N/A	Berm	Non -exempt	Barrels are returned to supplier or transported to a WFS or contractor consolidation point and ultimately recycled/disposed
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 tank	300 gallons	Berm	N/A	Off-spec material recycled or disposed consistent with applicable regulations.
Compressor Oil	Above ground storage tanks	(3) 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 Trunk A Booster Station is located approximately 16.3 miles east of Bloomfield, New Mexico. The site elevation is approximately 6,460 feet above mean sea level. The natural ground surface topography slopes downward toward the south. The maximum relief over the site is approximately 10 feet. Intermittent flow from the site will follow natural drainage to the south and then to the west into the Manzanares Canyon drainage. Manzanares Canyon drains to the west into the San Juan River. The San Juan River is the nearest down-gradient perennial source of surface water and is located approximately 6.5 miles west from the site, at an elevation of approximately 5,560 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 Trunk A Booster 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 400 to 600 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.

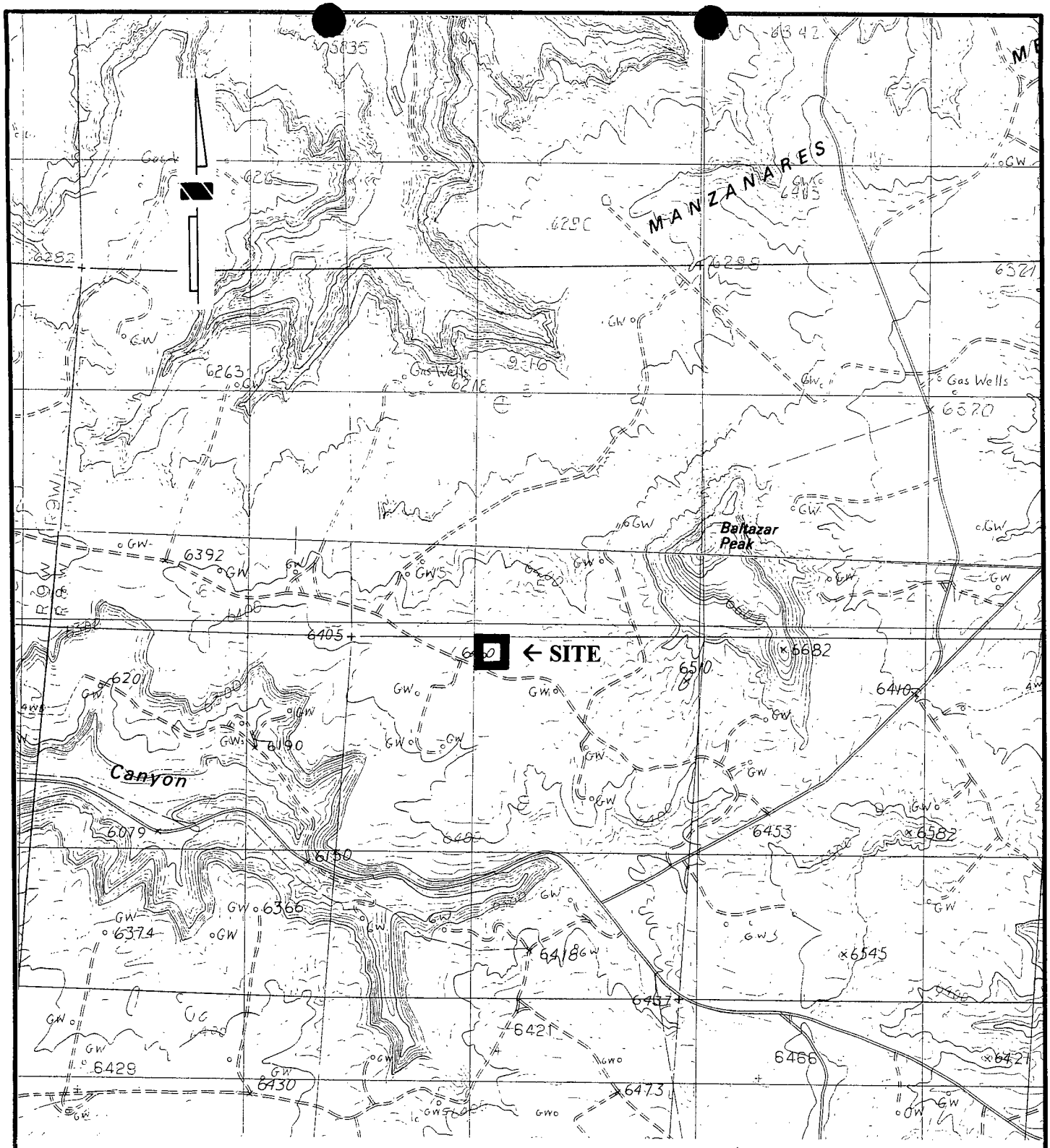
Should contaminated soil be discovered, any necessary reporting under NMOCD Rule 116 and WQCC Section 1203 will be made and clean-up activities will commence. Post-closure maintenance and monitoring plans would not be necessary unless contamination is encountered.

FIGURE 1

SITE VICINITY / TOPOGRAPHIC MAP

FIGURE 2

SITE PLAN



Source:USGS Achuleta and Cutter Canyon Quadrangles, New Mexico

Scale: 1" = 2,000'

Williams

Figure 1 Site Vicinity / Topographic Map

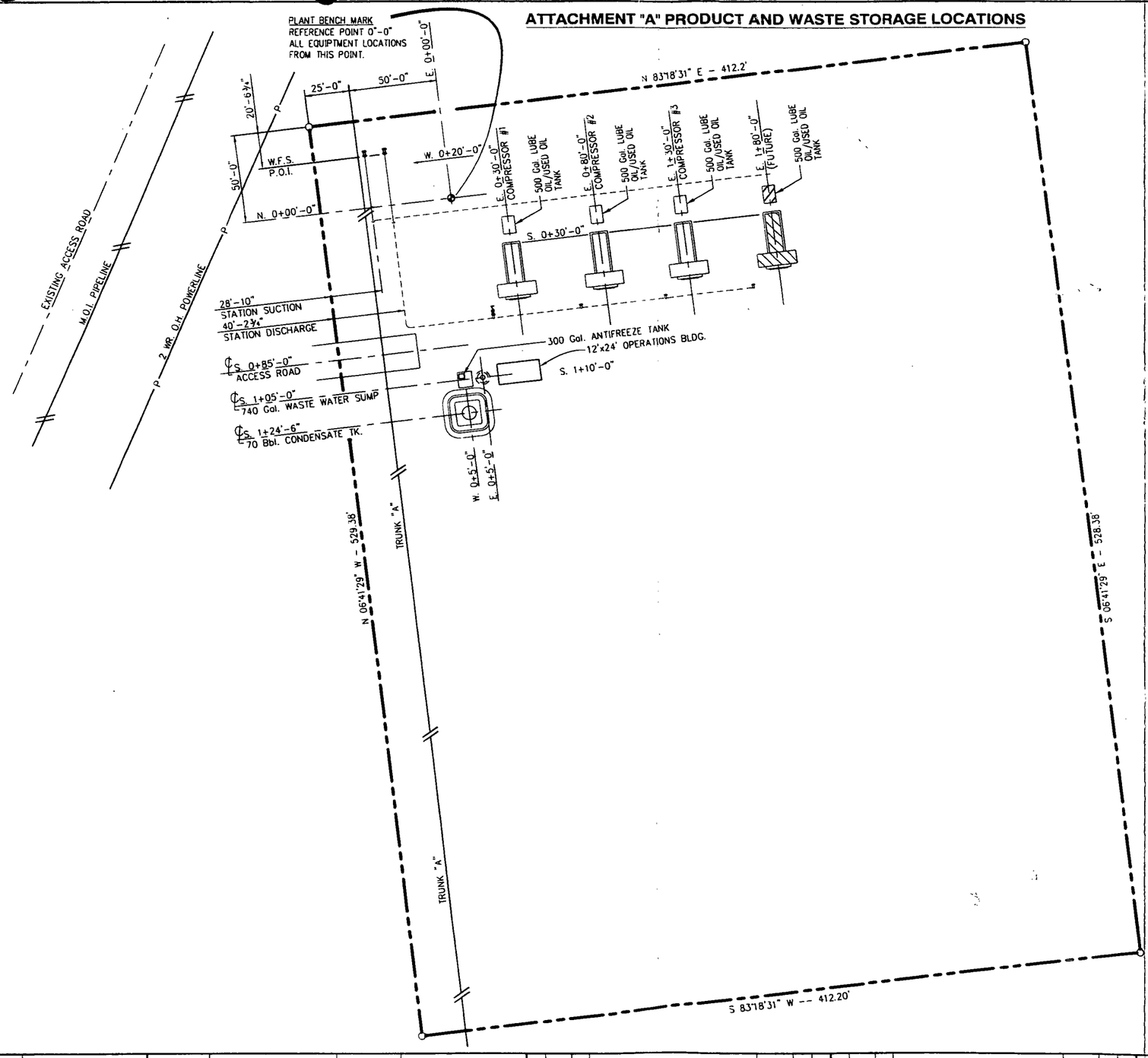
Trunk A Booster Station

Section 8, Township 29N Range 8W

San Juan County, New Mexico

OPERATIONS			
Manual: TRUNK "A" COMPRESSOR STATION			
Section: SPILL PREVENTION CONTROL	Tab: 13	Document No.: 42.13.001	
Effective Date: 12-8-98	Issue No.: 02	Page No.: 5 of 8	

ATTACHMENT "A" PRODUCT AND WASTE STORAGE LOCATIONS



REFERENCE DRAWINGS				REFERENCE DRAWINGS				REVISIONS											
DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	DRAWING NO.	TITLE	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.
															02	12-8-98	PhilM	REVISED PER FIELD AS-BUILT	98408		
															01	10-22-98	PhilM	ISSUED PER AS-BUILT	98408		

DRAFTING	BY	DATE
DRAWN BY	PhilM	10-22-98
CHECKED BY		
APPROVED BY		
ENGINEER	**BY**	**DATE**
DESIGNED BY		
PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: SAN JUAN

WILLIAMS GAS PROCESSING
ONE OF THE WILLIAMS COMPANIES

TRUNK "A" COMPRESSOR STATION
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN
PLOT PLAN

SCALE: 1" = 30'
W.O. NO. 98408
DWG NO. TRA-1-P3
SHEET 1 OF 1
REV 02

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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

OIL CONSERVATION DIV.

01 JUL 23 PM 1:06

Williams

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

July 13, 2001

San Juan

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

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 COP-09
Kernaghan-271 Trunk A-248 Trunk C-257
(Facility Name) (OP 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

70-2322-1719
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)

[redacted]

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

February 9, 2001

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 0074

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

RE: Discharge Plan Renewal Notice for Williams Field Services Facilities

Dear Ms. Garcia:

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

GW-060 expires 3/21/2001 – Milagro Compressor Station
GW-233 expires 4/1/2001 – La Jara Compressor Station
GW-061 expires 6/6/2001 – Horse Canyon Compressor Station
GW-062 expires 6/6/2001 – Manzanares Compressor Station
GW-063 expires 6/6/2001 – Pump Mesa Compressor Station
GW-064 expires 6/6/2001 – Middle Mesa Compressor Station
GW-079 expires 6/21/2001 – Wild Horse Compressor Station
GW-078 expires 6/21/2001 - 5-Points Compressor Station
GW-250 expires 8/9/2001 – Coyote Springs Compressor Station
GW-249 expires 8/9/2001 – Trunk B Booster Compressor Station
GW-248 expires 8/9/2001 – Trunk A Booster Compressor Station
GW-257 expires 9/18/2001 – Trunk C Compressor Station
GW-256 expires 9/18/2001 – Koch-Gardner Compressor Station
GW-087 expires 11/27/2001 – Cedar Hill Compressor Station
GW-271 expires 12/17/2001 – Kernaghan Compressor Station
GW-274 expires 12/17/2001 – Pritchard Straddle Compressor Station
GW-273 expires 12/17/2001 – Moore Compressor Station
GW-272 expires 12/17/2001 – Kernaghan B-8 Compressor Station

WQCC 3106.F. If the holder of an approved discharge plan submits an application for discharge plan renewal at least 120 days before the discharge plan expires, and the discharger is not in violation of the approved discharge plan on the date of its expiration, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved. A discharge plan continued

under this provision remains fully effective and enforceable. An application for discharge plan renewal must include and adequately address all of the information necessary for evaluation of a new discharge plan. Previously submitted materials may be included by reference provided they are current, readily available to the secretary and sufficiently identified to be retrieved. [12-1-95]

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 20NMAC 6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $100.00. After January 15, 2001 renewal discharge plans require a flat fee equal to the flat fee schedule for gas processing facilities pursuant to revised WQCC Regulations 20NMAC 6.2.3114. A copy of the revised fee schedule is included for your assistance. The $100.00 filing fee is to be submitted with each discharge plan renewal application and is nonrefundable.

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

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

Sincerely,

Roger C. Anderson
Oil Conservation Division

cc: OCD Aztec District Office

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				
31-6 #1 X	GW-118	6 units/990 HP ea 5+4	15 units/1370 HP ea	16 units/1370 HP ea
32-7 #1 X	GW-117	4 units/895 HP ea ok	6 units/1357 HP ea	8 units/1357 HP ea
32-8 #2 X	GW-111	4 units/895 HP ea 4+2	5 units/1357 HP ea	9 units/1357HP ea
HORSE CYN. CDP ok	GW-61	4 units/895 HP ea 14	6 units/1390 HP ea	14 units/1390 HP ea
MIDDLE MESA CDP X	GW-64	10 units/895 HP ea 10+4	19 units/1362 HP ea	20 units/1362 HP ea
PUMP MESA CDP ok	GW-63	6 units/895 HP ea 6+6	10 units/1363 HP ea	14 units/1363 HP ea
TRUNK N C.S. ok	GW-306	5 units/1140 HP ea	6 units/1140 HP ea	8 units/1368 HP ea
TRUNK L C.S. X	GW-180	6 units/990 HP ea	10 units/990 HP ea	14 units/1131 HP ea
Category 2 - OCD Plan currently reflects all AQB permitted units; however, all units not yet installed				
29-6 #4CDP	GW-122	10 units; total site HP 10,980 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
CEDAR HILL CDP	GW-87	10 units/1386 HP ea OK 5/1	7 units/1386 HP ea	10 units/1386 HP ea
KERNAGHAN B-8 STRADDLE	GW-272	2 units/764 HP ea	1 unit/764 HP	2 units/764 HP ea
MANZANARES CDP	GW-62	4 units/895 HP ea	3 units/895 HP ea	4 units/1300 HP ea
MOORE STRADDLE	GW-273	2 units/ 778 HP ea	1 unit/ 778 hp	2 units/ 778 hp ea
NAVAJO CDP	GW-182	4 units/2946 HP ea	3 units/2916 HP ea	4 units/2916 HP ea
TRUNK A BOOSTER C.S.	GW-248	6 units/1367 HP ea	3 units/1367 HP ea	6 units/1369 HP ea
TRUNK B BOOSTER C.S.	GW-249	7 units/1367 HP ea	3 units/1367 HP ea	7 units/1367 HP ea
MARTINEZ DRAW	GW-308	2 units/1380 HP ea	1 unit/1380 HP	2 units/1232 HP ea
QUINTANA MESA	GW-309	2 units/1380 HP& 1151 HP	1 unit/1232 HP	2 units/1232 HP& 1118 HP
Category 3 - Update OCD Plans for actual compression; all AQB permitted units installed				
29-6 #2CDP X	GW-121	5 units/895 HP ea. 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
LA JARA FIELD X	GW-233	1 Solar T-3000/ 2831 hp; 2 Solar T-4000/ 2897 hp ea.	2 Solar T-4000, 2 Solar T-4700S, 1 Solar T-4700=total 17,700 hp	2 Solar T-4000, 2 Solar T-4700S, 1 Solar T-4700=total 17,700 hp

No Mod. request → ok
No Mod. → ok request
ok
ok
ok
ok
ok
No Mod. request ok

Notice of addl. 9 units 7-97 - No final appr.
Notice on renewal
(mod. to 14 units '96)
(14 units in renewal appl. 9
(6 units in appl. '95)
(up to 8 units in renewal appl. '98)
ok
-change hp rating

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

September 14, 1998

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

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

Dear Mr. Ford:

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

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

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

Sincerely,

Ingrid Deklau
Environmental Specialist

XC: Denny Foust, NM OCD

GW-248

PIPELINE FACILITY TEST REPORT

FORM 910 1239 (1-94)

1-WORK ORDER NO. 70-357-7500-29

FACILITY DESCRIPTION

2-NAME OF FACILITY: Trunk A Booster

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

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

3A-SECTION: 5 27 — TOWNSHIP: 29-N — RANGE: 9-W

5-PIPE MANUFACTURER:

6-PIPE DATA — DIAMETER: 4"; WALL THICKNESS: 4" sch. 80 PVC; SPEC. & GRADE: 4" sch 80; LENGTH OF TEST SECTION:

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

TEST SPECIFICATIONS

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

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

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

11-PRESSURE DATA

PRELIMINARY LEAK PRESSURE	BEGIN STATION MINIMUM PRESSURE	END STATION MINIMUM PRESSURE
REQUIRED TEST PRESSURE: 3 P.S.I.	HIGH POINT MINIMUM PRESSURE	LOW POINT MAXIMUM PRESSURE
REQUIRED TEST DURATION: 1 Hr	TEST LIMITATIONS (VALVES, FITTINGS, ETC.)	TEST MEDIUM: Water

TEST RESULTS

12-TEST START DATE 5/28/97 HOUR 1:00 PM — 13-TEST COMPLETED DATE 5/28/97 HOUR 2:00 PM — 14-WEATHER: Warm

15-COMMENTS: Talked Denny Foust with O.C.D. informed him the test started at 1:00 PM.

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

APPROVALS

DATA TAKEN BY: Bryant Grundy — TEST APPROVED BY: — DATE:

TEST WITNESSED BY: Michael Wonder 5-28-97 — TEST COMPANY: Sunland

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

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 2/5/97,

or cash received on _____ in the amount of $ 150.00

from Williams Field Services

for Trunk A - GW 248 Trunk B - GW 249 Coyote Springs GW-250

(Facility Name) (DP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: [signature] Date: 3/19/97

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 97

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

WILLIAMS FIELD SERVICES COMPANY
ONE OF THE WILLIAMS COMPANIES

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

Chase Manhattan Bank Delaware
1201 Market Street
Wilmington DE 19801

62-26
311

5736-09

DATE	CHECK NO.	NET AMOUNT
02/05/97	[redacted]	150.00

PAY
NE HUNDRED FIFTY AND 00/100----------

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

Williams Field Services Company
[signature]
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

Williams Field Services Company

2289 NMED-WATER QUALITY MANAGEMENT 47415 02/05/97

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
12897	GW-248,GW-249,GW-2	01/28/97	150.00	0.00	150.00
			150.00	0.00	150.00

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

January 28, 1997

Check request
$150
16-112-7530-40-80116
FEE

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-748

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

RE: Discharge Plan Filing Fees
Williams Field Services (WFS)
GW-248, GW-249, and GW-250
San Juan County, New Mexico

Dear Ms. Gooding:

On August 16, 1996, WFS, received, via certified mail, three discharge plan approval letters dated August 9, 1996 from the New Mexico Oil Conservation Division (OCD) for discharge plans GW-248 or "Trunk A", GW-249 or "Trunk B", and GW-250 or "Coyote Springs" compressor stations. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (**see attachment**), the filing fee of $50 for each of the above mentioned facilities has not been received by the OCD according to our records. **Please note**: Each of the approval letters dated August 9, 1996 from OCD had errors in them that indicated that the $50 filing fee had been received.

WFS must submit each $50 filing fee (Total amount of $150) in full by February 28, 1997 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6. Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/pws

xc: Mr. Denny Foust- Aztec OCD District
attachment 20 NMAC 6.2.3114

cc: 16 79109
H Barnes

Check to be picked up by
Earlene x 7084 2/3/97

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

January 28, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-748

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

RE: Discharge Plan Filing Fees
Williams Field Services (WFS)
GW-248, GW-249, and GW-250
San Juan County, New Mexico

Dear Ms. Gooding:

On August 16, 1996, WFS, received, via certified mail, three discharge plan approval letters dated August 9, 1996 from the New Mexico Oil Conservation Division (OCD) for discharge plans GW-248 or "Trunk A", GW-249 or "Trunk B", and GW-250 or "Coyote Springs" compressor stations. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (see **attachment**), the filing fee of $50 for each of the above mentioned facilities has not been received by the OCD according to our records. **Please note**: Each of the approval letters dated August 9, 1996 from OCD had errors in them that indicated that the $50 filing fee had been received.

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If you have any questions regarding this matter, please contact me at (505)-827-7152 or Mr. Patricio Sanchez at (505) 827-7156.

Sincerely,

Roger Anderson
Environmental Bureau Chief

RCA/pws

xc: Mr. Denny Foust- Aztec OCD District
attachment 20 NMAC 6.2.3114

3114. FEES.

A. DEFINITIONS. - As used in this Section:

1. "average discharge" means the average daily flow rate of effluent discharge as measured or estimated over the period of one year; [8-17-91]

2. "billable facility" means any facility or portion of a facility required to have a discharge plan; and [8-17-91]

3. "discharge plan modification" means a change in requirements of a discharge plan as requested by the discharger as a result of past, present or anticipated changes in the quality or quantity of effluent or the location of the discharge; or as required by the secretary. [8-17-91]

B. FEE AMOUNT AND SCHEDULE OF PAYMENT - 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. [8-17-91]

1. The amount of the fee payment for a new discharge plan shall be calculated using the following formula:

TOTAL FEE = FILING FEE + FLAT FEE or DISCHARGE FEE

a. The filing fee is fifty (50) dollars for each new discharge plan application.

b. Billable facilities in the following categories applying for a new discharge plan will pay a flat fee as indicated:

FLAT FEE

Facility Category	Flat Fee
Fuel Terminals	$ 2300
Gas Compressor Stations	
0 to 1000 Horsepower	0
1001 to 3000 Horsepower	690
Greater than 3000 Horsepower	1380
Gas Processing Plants	3335
Injection Wells: Classes I & III and Geothermal	1380
In Situ Leach - except salt	3335
Leach Heaps - copper	3335
Leach Heaps - precious metals	3510
Mine Dewatering	1065
Oil & Gas Service Companies	1380
Refineries	7820
Remediations - discharge plan only	1380
Tailings - copper, uranium & molybdenum	4860
Uranium - ion exchange & evaporation pond	1210

c. All billable facilities applying for a new discharge plan but which are not subject to a flat fee will pay the following fees according to their rate of effluent discharge:

DISCHARGE FEE

Average Discharge Gallons per Day			Fee
0	to	9,999	$ 575
10,000	to	49,999	1150
50,000	to	99,999	1725
100,000	to	499,999	2300
500,000	to	999,999	2875
1,000,000	to	4,999,999	3450
5,000,000	to	9,999,999	4025
10,000,000	and greater		4600

[8-17-91]

2. Billable facilities applying for discharge plans

which are subsequently withdrawn or denied shall pay one-half of the flat fee or discharge fee at the time of denial or withdrawal. [8-17-91]

3. Every billable facility submitting a discharge plan modification or renewal will be assessed a fee equal to the filing fee plus one-half of the flat fee or the discharge fee, whichever is applicable. Applications for both renewal and a modification will pay a fee equal to that assessed a new discharge plan application. [8-17-91]

4. If the secretary requires a discharge plan modification as a component of an enforcement action, the facility shall pay the applicable discharge plan modification fee. If the secretary requires a discharge plan modification outside the context of an enforcement action, the facility shall not be assessed a fee. [8-17-91, 12-1-95]

5. The secretary may waive flat fees or discharge fees for discharge plan modifications which require little or no cost for investigation or issuance. [8-17-91, 12-1-95]

6. Billable facilities shall pay the filing fee at the time of discharge plan application. The filing fee is nonrefundable. The required flat fees or discharge fees may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of discharge plan approval. The discharge plan or discharge plan application review of any facility shall be suspended or terminated if the facility fails to submit an installment payment by its due date. [8-17-91]

[3115-4100] Reserved

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES, INC.

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

November 13, 1996

RECEIVED
NOV 1 8 1996
Environmental Bureau
Oil Conservation Division

Mr. Pat Sanchez
NMOCD
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Response to Discharge Inspection Reports

Dear Mr. Sanchez:

Milagro GW-60

8. Lab wastes have been characterized and accepted for disposal per Philip Environmental's report dated, October 24, 1996.

Coyote Springs GW-250

1. The lube oil drum has been placed on pad and curb type containment.

2. Oil-absorbent pads and catch basins will be used to contain leaking lube oil.

3. A catch basin has been placed underneath the condensate storage tank load line.

6. Operators have been instructed in how to inspect leak detection,

7. Below-grade process/wastewater piping is pressure tested at the time of installation.

10. Oil spills from the compressor will be contained using oil-absorbent pads and catch basins.

Trunk A Compressor Station GW-248

No compliance issues noted.

Trunk B Compressor Station GW-249

No compliance issues noted.

Trunk C Compressor Station GW-257

No compliance issues noted.

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

Lateral N-30 GW-256

3. The condensate above-ground storage tank is not placed on an impermeable type pad. The tank and valving is visually inspected at least annually as stated in the WFS Policy and Procedures for Spill Prevention (Appendix B of the Discharge Plan). In lieu of the impermeable type pad, WFS will clean out and visually inspect the interior of the tank at the time of the Discharge plan renewal.

6. The below-grade sump is inspected monthly and documented in a monthly inspection log retained on site.

7. A copy of the hydrostatic test of underground process/wastewater piping is attached.

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

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

cc: Denny Foust

PIPELINE FACILITY TEST REPORT

FORM 3(C) 1239 (1-94)

1-WORK ORDER NO.

FACILITY DESCRIPTION

2-NAME OF FACILITY: Gardner N-30

3-FACILITY LOCATION: AREA | DISTRICT | COUNTY/STATE

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

3A-SECTION | TOWNSHIP | RANGE

5-PIPE MANUFACTURER

6-PIPE DATA: DIAMETER 40'-6" | 80ft-12"-120ft-8" | WALL THICKNESS | SPEC. & GRADE | LENGTH OF TEST SECTION

7-DESCRIPTION OF PORTION TESTED (FROM — TO)

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 750# | HIGH POINT MINIMUM PRESSURE | LOW POINT MAXIMUM PRESSURE | REQUIRED TEST DURATION 4 HRS | TEST LIMITATIONS (VALVES, FITTINGS, ETC.) | TEST MEDIUM

TEST RESULTS

12-TEST START: DATE 9-25-96 HOUR 3:45pm

13-TEST COMPLETED: DATE 9-25-96 HOUR 7:45pm

14-WEATHER: cloudy turning to night fall

15-COMMENTS

TIME	D.W. PRESSURE	AMB. TEMP. °F	REMARKS
3:45	787	75	on test sunny
4:00	800	75	"
4:15	800	75	getting cloudy
4:30	805	72	cloudy
4:45	805	72	"
5:00	800	71	"
5:15	800	72	partly cloudy
5:30	790	72	"
5:40	790	72	pressured up to 846# partly cloudy
6:00	846	72	
6:15	840	69	
6:30	838	69	
6:45	830	69	
7:00	~~838~~ 818	69	sunny going down
7:15	805	69	getting dark
7:30	792	63	dark
7:45	780	59	off test

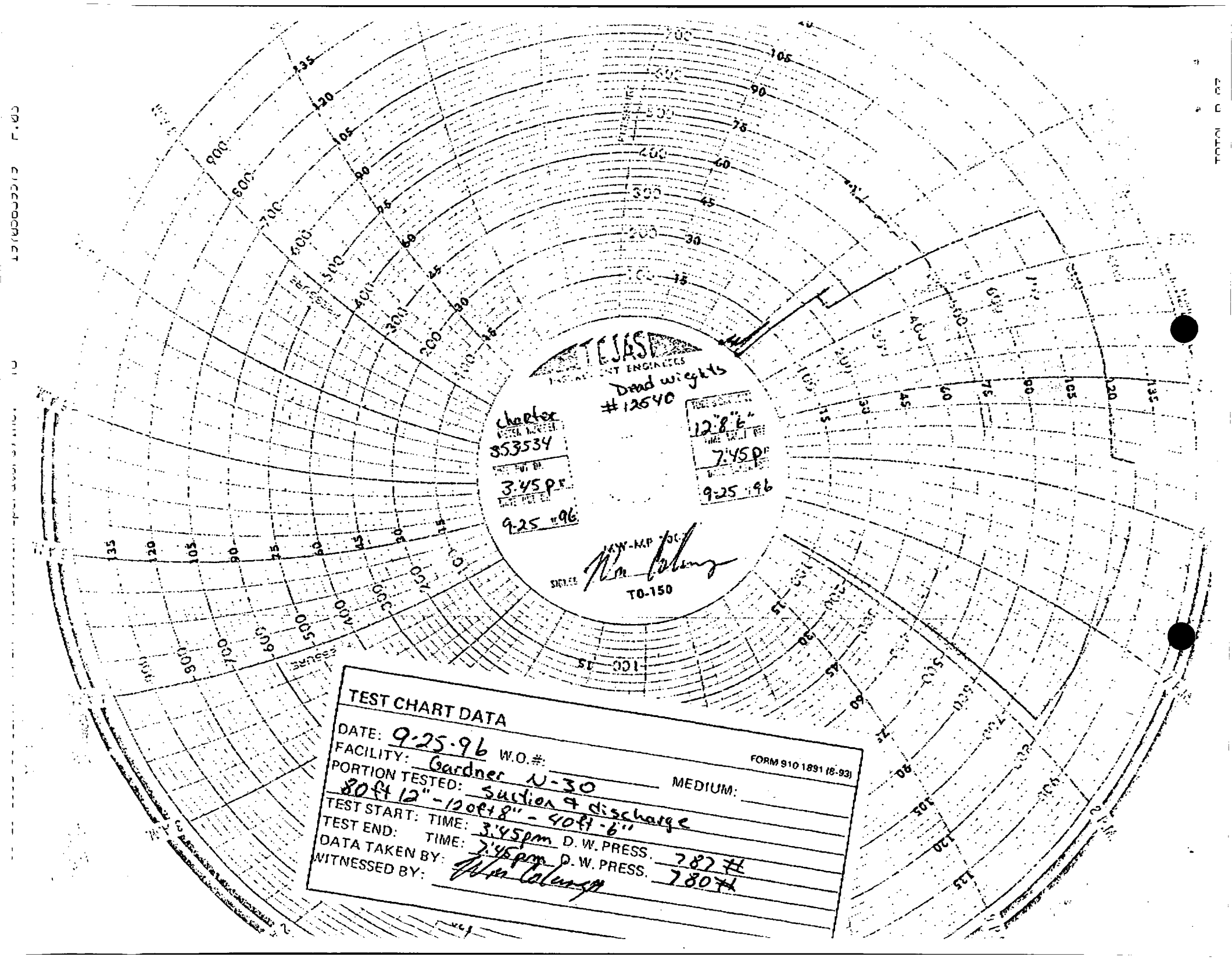
APPROVALS

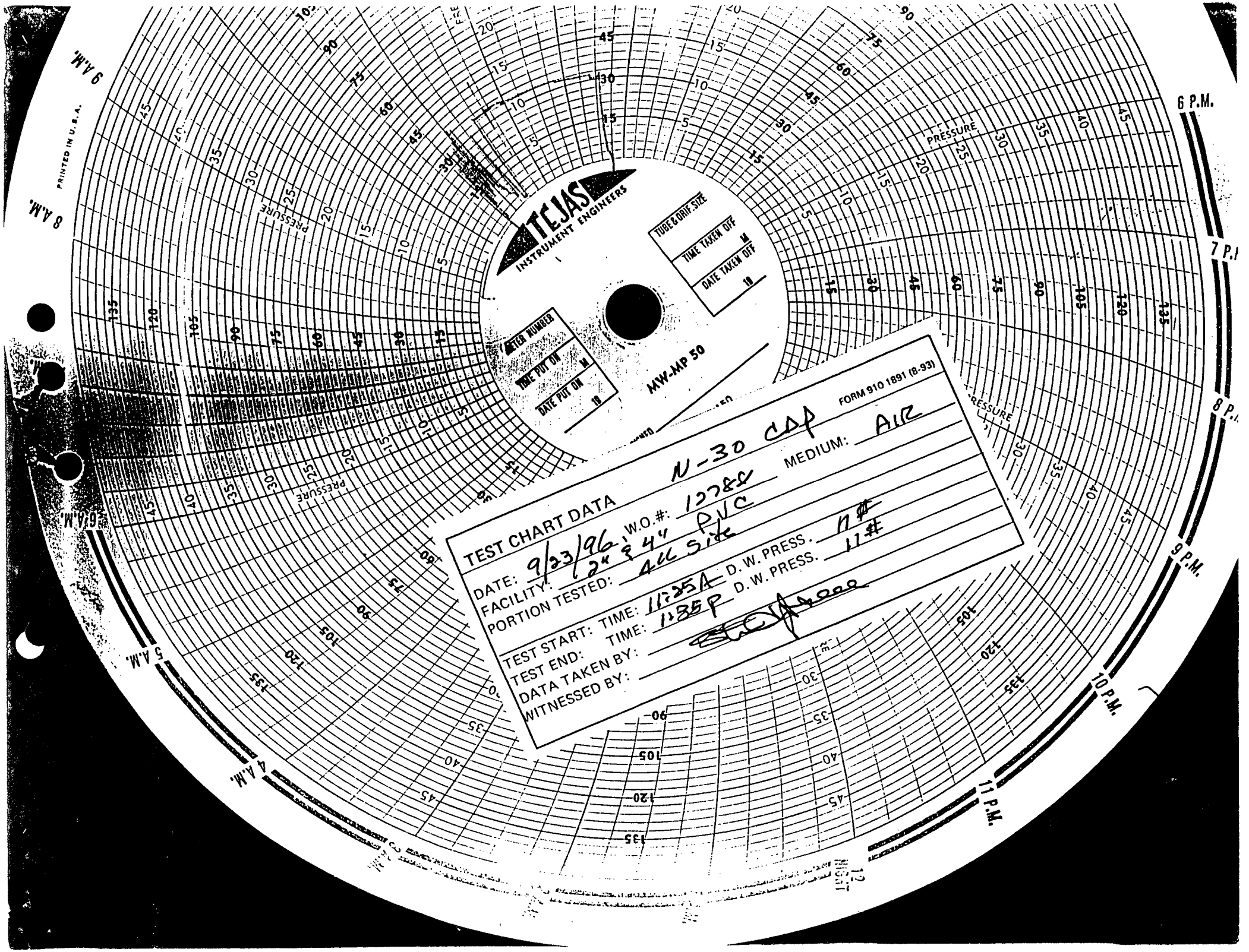
DATA TAKEN BY: [signature]

TEST APPROVED BY: | DATE:

TEST WITNESSED BY:

TEST COMPANY: Flint Eng.


TEJAS
Dead weights
#12540
Chapter
353534
3.45 pr
9-25 -96
12.8.6"
7.45 pr
9-25 -96
TO-150
TEST CHART DATA
DATE: 9-25-96 W.O.#:
FORM 910 1891 (6-93)
FACILITY: Gardner U-30 MEDIUM:
PORTION TESTED: Suction & discharge
80ft 12" - 120ft 8" - 40ft 6"
TEST START: TIME: 3:45pm D. W. PRESS. 787 #
TEST END: TIME: 7:45pm D. W. PRESS. 780#
DATA TAKEN BY:
WITNESSED BY:


TEJAS
INSTRUMENT ENGINEERS
MW-MP 50
METER NUMBER
TIME PUT ON
DATE PUT ON
TUBE & ORIF. SIZE
TIME TAKEN OFF
DATE TAKEN OFF
TEST CHART DATA
DATE: 9/23/96
W.O.#: 12286
FACILITY: N-30 CAP
MEDIUM: AIR
PORTION TESTED: 2" & 4" PVC All Side
TEST START: TIME: 11:25A D.W. PRESS. 11#
TEST END: TIME: 1:35P D.W. PRESS. 11#
DATA TAKEN BY:
WITNESSED BY:
FORM 910 1891 (8-93)
PRESSURE
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.
4 A.M.
5 A.M.
6 A.M.
8 A.M.
9 A.M.
PRINTED IN U.S.A.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

November 7, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-258-674

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

RE: Inspection Reports for GW-60, GW-248, GW-249, GW-250, GW-256, and GW-257 San Juan County, New Mexico

Dear Ms. Gooding:

The **discharge plan inspection reports for the above captioned Williams Field Services Facilities are enclosed.** Williams shall respond to each of the issues for each facility within 30 days of receipt of this letter and the enclosed inspection reports. Please send a copy of your response to OCD Santa Fe and the OCD Aztec District Office.

Williams Field Services continued commitment to the environmental quality of the State of New Mexico is appreciated. The OCD appreciates the professional conduct of WFS operations personnel who accompanied us during the inspections.

If you have any questions in the meantime feel free to give me a call at (505)-827-7156.

Sincerely,

Patricio W. Sanchez
Petroleum Engineering Specialist,
Environmental Bureau-OCD

xc: Mr. Denny Foust - OCD Aztec District Office.

DISCHARGE PLAN INSPECTION

FACILITY NAME: Trunk A "GW-248" **LOCATION:** NE/4 NW/4 Section 8, Township 29 North, Range 8 West, NMPM San Juan County, NM

DATE: 10/21/96 **OWNER:** Williams Field Services

OCD INSPECTORS: Denny Faust and Pat Sanchez

"New Facility Discharge Plan inspection"

1. **Drum Storage**: All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

No Compliance issues

2. **Process Areas**: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

No Compliance issues

3. **Above Ground Tanks**: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.

No Compliance issues.

4. **Above Ground Saddle Tanks**: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

No Compliance issues.

5. **Tank Labeling**: All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

No Compliance issues.

6. **Below Grade Tanks/Sumps**: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

No Compliance issues.

7. **Underground Process/Wastewater Lines**: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

No Compliance issues.

8. **Onsite/Offsite Waste disposal and storage practices, are all non-exempt wastes properly characterized and disposed of? Does the facility have an EPA hazardous waste number?**

No Compliance issues.

9. **Class V Wells**: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject fluid other than sewage below the surface are considered Class V injection wells under the EPA UIC program. All class V wells will be closed unless, it can be demonstrated that protectable groundwater will not be impacted in the reasonably foreseeable future. Class V wells must be closed through the Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, environment and groundwater as defined by the WQCC, and are cost effective.

No Compliance issues.

10. **Housekeeping**: All systems designed for spill collection/prevention should be inspected to ensure proper operation and to prevent overtopping or system failure. Any contaminated soils that are collected at the facility will be tested for hazardous constituents, and after receiving OCD approval, will be disposed of at an OCD approved site.

No Compliance issues.

11. **Spill Reporting**: All spills/releases shall be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD District Office.

No Compliance issues.

12. **Does the facility have any other potential environmental concerns/issues?**

No Compliance issues

13. **Does the facility have any other environmental permits - i.e. SPCC, Storm water Plan, etc?**

Not asked of operations people - Did however have "air quality" permit posted.

WFS GW-248 (PHOTOS BY OCD)

PHOTO NO. 1 DATE: 10/21/96

PHOTO NO. 2 DATE: 10/21/96

WFS GW- 248 (PHOTOS BY OCD)

PHOTO NO. 3 DATE: 10/21/96

PHOTO NO. 4 DATE: 10/21/96

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 8/26/96,

or cash received on _____ in the amount of $ 1380.00

from Williams Field Services

for Tank A C.S. GW-248

(Facility Name) (DP No.)

Submitted by: _____ Date: _____

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

Received in ASD by: R. Elliot Date: 10/23/96

Filing Fee ___ New Facility X Renewal ___

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

O. Box 58900
lt 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
08/26/96	[redacted]	1380.00

AY
E THOUSAND THREE HUNDRED EIGHTY AND 00/100----------

TO THE ORDER OF
WQCC
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE NM 87505

Williams Field Services Company
VICE PRESIDENT
AUTHORIZED REPRESENTATIVE

[redacted]

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

August 26, 1996

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

Re: Discharge Plans Fees - San Juan County
Trunk A (GW-248)
Trunk B (GW-249)
Coyote Springs (GW-250)
Milagro Plant (GW-60)

Dear Mr. Anderson:

Enclosed, please find the signed Conditions of Approval and four (4) checks made payable to the WQCC to cover the discharge plan fees for the above referenced Williams Field Services Company facilities.

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

Williams Field Services Company

9810 WQCC 33138 08/26/96

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
80996	TRUNK A COMP STA G	08/09/96	1380.00	0.00	1380.00
			1380.00	0.00	1380.00

Gn-248

PLEASE DETACH BEFORE DEPOSITING

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

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

August 26, 1996

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

Re: Discharge Plans Fees - San Juan County
Trunk A (GW-248)
Trunk B (GW-249)
Coyote Springs (GW-250)
Milagro Plant (GW-60)

Dear Mr. Anderson:

Enclosed, please find the signed Conditions of Approval and four (4) checks made payable to the WQCC to cover the discharge plan fees for the above referenced Williams Field Services Company facilities.

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

ATTACHMENT TO DISCHARGE PLAN GW-248
Williams Field Services - Trunk A Compressor Station
DISCHARGE PLAN REQUIREMENTS
(August 9, 1996)

1. **Payment of Discharge Plan Fees**: The $1,380 flat fee shall be submitted upon receipt of this approval. The required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

2. **Williams Field Services Commitments:** Williams Field Services will abide by all commitments submitted in the Application dated May 21, 1996, from Williams Field Services and this approval letter with conditions of approval from OCD dated August 9, 1996.

3. **Drum Storage**: All drums containing materials other than fresh water must be stored on an impermeable pad and curb type containment. All empty drums should be stored on their sides with the bungs in place and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets should also be stored on an impermeable pad and curb type containment.

All drums and chemical containers shall be clearly labeled to identify their contents and other emergency information necessary if they were to rupture, spill, or ignite.

4. **Process Areas**: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

5. **Above Ground Tanks**: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new facilities or modifications to existing facilities must place the tank on an impermeable type pad.

6. **Above Ground Saddle Tanks**: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

7. **Tank Labeling**: All tanks should be clearly labeled to identify their contents and other emergency information necessary if the tank were to rupture, spill, or ignite.

8. **Below Grade Tanks/Sumps**: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks that do not have secondary containment and leak detection must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks /or sumps.

9. **Underground Process/Wastewater Lines**: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years there after. Companies may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing so that an OCD representative may witness the testing.

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

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

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

12. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

13. **New Mexico Oil Conservation Division Inspections:** Additional requirements may be placed on the facility based upon results from New Mexico Oil Conservation Division inspections.

14. **Closure:** The OCD will be notified when operations of the facility are discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for approval by the director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

15. **Conditions accepted by**: [signature] 8-19-96
Company Representative Date

Manager EHS
Title

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

NEW MEXICO OIL CONSERVATION
ATTN: SALEY MARTINEZ
2040 S. PACHECO
SANTA FE, NM 87505

AD NUMBER: 512789
LEGAL NO: 59833
ACCOUNT: 56689
P.O. #: 96199002997

257 LINES once at $ 102.80

Affidavits: 5.25

Tax: 6.75

Total: $ 114.80

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 # 59833 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 12th day of JUNE 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 12th day of JUNE A.D., 1996

OFFICIAL SEAL
Candace C. Ruiz
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires: 9/25/99

Candace C. Ruiz

NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan 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-248) - Williams Field Services, Leigh Gooding, Environmental Specialist, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the Trunk A Booster Station located in the NE/4 NW/4, Section 8, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 17 gallons per day of process wastewater will be stored in an above ground, closed top tank prior to disposal at an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 460 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-249) - Williams Field Services, Leigh Gooding, Environmental Specialist, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the Trunk B Booster Station located in the SW/4 SW/4, Section 28, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 17 gallons per day of process wastewater will be stored in an above ground, closed top tank prior to disposal at an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 500 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges will be managed.

(GW-250) - Williams Field Services, Leigh Gooding, Environmental Specialist, P.O. Box 58900, M.S. 10368, Salt Lake City, Utah 84158-0900, has submitted a discharge plan application for the Coyote Springs Compressor Station located in the SW/4 NE/4, Section 30, Township 32 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 26 gallons per day of process wastewater will be stored in an above ground, closed top tank prior to disposal at an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of 100 feet with a total dissolved solids concentrations of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan applications 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 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 hearing is held, the Director will approve or disapprove the proposed plans based on information available. If a public hearing is held, the Director will approve or disapprove the plans based on the information in the plans and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 4th day of June, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY,
Director
Legal #59833
Pub. June 12, 1996

AFFIDAVIT OF PUBLICATION

No. 36464

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):

Friday, June 14, 1996;

and the cost of publication is: $86.45.

Robert Lovett

On 6/20/96 ROBERT LOVETT appeared before me, whom I kn personally to be the person who signed t above document.

Denise 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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, o this 4th day of June, 1996.

STATE OF NEW MEXIC
OIL CONSERVATION DIVISIO

/s/William J. LeMa
WILLIAM J. LEMAY, Directo

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 4th day of June, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

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

May 22, 1996

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

GW-248

Re: Discharge Plan for Trunk A Booster Station - San Juan County

Dear Mr. Anderson:

Enclosed please find two copies of the Discharge Plan for Williams Field Services' Trunk A Booster Station located in San Juan County, New Mexico.

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

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

enclosure

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

DISCHARGE PLAN

MANZANARES GATHERING SYSTEM
TRUNK A BOOSTER STATION

Williams Field Services Company

May 1996

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501

DISCHARGE PLAN APPLICATION FOR NATURAL GAS PROCESSING PLANTS, OIL REFINERIES AND GAS COMPRESSOR STATIONS

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

I. TYPE: Trunk A Booster Station

II. OPERATOR: Williams Field Services

ADDRESS: 295 Chipeta Way P.o. Box 58900 Salt Lake City, UT 84158

CONTACT PERSON: Leigh Gooding PHONE: (801)584-6543

III. LOCATION: NE /4 NW /4 Section 8 Township 29N Range 8W
Submit large scale topographic map showing exact location.

IV. Attach the name and address of the landowner(s) of the disposal facility site.

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

VI. Attach a description of sources, quantities and quality of effluent and waste solids.

VII. Attach a description of current liquid and solid waste transfer and storage procedures.

VIII. Attach a description of current liquid and solid waste disposal procedures.

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

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

XI. Attach geological/hydrological evidence demonstrating that disposal of oil field wastes will not adversely impact fresh water. Depth to and quality of ground water must be included.

XII. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

XIII. CERTIFICATION

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

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

Signature: Terry G. Spradlin Date: 5-21-96

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.

I. TYPE OF OPERATION

The Trunk A Booster Station will provide metering and compression services to various producers for the gathering of coal seam natural gas on a contract basis for ultimate delivery through Williams Field Services (WFS) Milagro Plant in Bloomfield, New Mexico.

II. LEGALLY RESPONSIBLE PARTY

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

Contact Person:

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

III. LOCATION OF DISCHARGE

The Trunk A Booster Station well be located in the NE/4 of the NW/4 of Section 8, Township 29 North, Range 8 West, in San Juan County, New Mexico. A Site Location map is attached (USGS 7.5 Min. Quadrangles: Archuleta & Cutter Canyon, New Mexico) as Figure 1. The site for this station will be 5.0 acres. The site boundary survey is provided in Figure 2. The facility layout is presented in Figure 3.

IV. LANDOWNER

Williams Field Services is leasing the subject property from:

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

V. FACILITY DESCRIPTION

Six (6) Waukesha 7042 GL natural gas reciprocating engines, site rated at 1,369 horsepower (hp) each will installed at the site. The units will be skid-mounted and self contained. This facility will be classified as a field compressor station; consequently, there will be no formal office or other support facilities not essential to field compression.

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

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

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

The results of previous tests conducted on similar waste streams showed that the washdown water did not exhibit any of the hazardous characteristics and used motor oil was suitable for recycling (Appendix A). Additional Chemicals listed in WQCC 1101.TT and 3103 are not expected to be present in any process fluids or in the gas transported at the Trunk A Booster Station.

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

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

Used motor oil will be collected in a closed-piping system to above-ground storage tanks located at each compressor and transported by an EPA-registered used oil marketer (D&D Oil, EPA ID# NMD986682102).

All liquids from the gas-inlet separator will be collected separately in a 70-barrel above-ground condensate storage tank. The tank will be gauged every two weeks and the liquids will be transported to Basin Disposal. Washdown wastewater from engine deck plates will be collected in a closed piping system directly to a below-grade sump. The sump will be a 750-gallon, fiberglass, doubled wall tank, equipped with leak detection. Wastewater accumulations will be removed from the inner tank using a vacuum truck and transported to an OCD-approved surface disposal facility. A schematic drawing of the sump is presented in Figure 4.

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

VIII. EFFLUENT AND WASTE SOLIDS DISPOSAL

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

- Used motor oil will be recycled by an EPA-registered used oil marketer (D&D Oil, EPA ID# NMD986682102).
- Natural gas liquids from the gas-inlet separator and dehydrator separator will be disposed at Basin Disposal.
- Washdown water has been shown to be non-hazardous and as such, will be disposed at an NMOCD-approved surface disposal facility.
- Porta-pottys present at this facility will be serviced under a contract requiring proper sewage disposal in accordance with applicable laws and regulations.

TABLE 1
SOURCES, QUANTITIES AND QUALITY OF EFFLUENT AND WASTE SOLIDS
TRUNK A BOOSTER STATION

PROCESS FLUID/WASTE	SOURCES	QUANTITY	QUALITY	DISPOSITION
Used Oil	Compressors	1,000 gal/yr	Used motor oil w/no additives	Collected separately at each compressor in a 520-gal AST. Transported to D&D Oil for recycling.
Natural Gas Liquids	Gas Inlet Separator Dehydrators	2,000 gal/yr	No additives	Collected separately in a 70-bbl AST. Transported to Basin Disposal.
Washdown Water	Compressor and Glycol Dehydrator	4,000 gal/yr	Soap and tap water w/traces of used oil and triethylene glycol	Collected separately in a 750-gal sump. Transported to NMOCD-approved surface disposal facility for disposal.
Oil Filters	Compressor	50/yr	No additives	Drained and placed in 55-gallon plastic drums. Transported to the San Juan County Landfill for disposal.

IX. INSPECTION, MAINTENANCE AND REPORTING

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

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

For overflow containment, lube oil tanks on saddle racks will be underlain by concrete splash aprons equipped with retainment curbs. Fluids which collect within the curbed area drain through a pipe into a closed containment system. A drip pan will be placed beneath the catwalk adjacent to the oil filter on each compressor unit to contain spillage during maintenance activities. Spill containment dikes around the bulk storage tanks will contain 1 1/3 volume of the largest vessel. Spill containment will also be provided around the tank loading valves. Surface runoff within the site will be diverted around facility processes into the natural drainage path to the southeast.

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

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

XI. SITE CHARACTERISTICS

The Trunk A Booster Station will be located in the NE/4 of the NW/4 of Section 8, Township 29 North, Range 8 West, in San Juan County, New Mexico approximately 6 kilometers south-southeast of Turley, New Mexico. The site elevation is 6,460 feet above mean sea level. The undeveloped site is covered by sagebrush and native grasses.

Hydrologic Features: The site is located along a dirt road, approximately 3,500 feet north of Manzanares Canyon. The site is underlain by sandstones and shales of the San Jose Formation. Surface runoff from the area surrounding the site is diverted around the yard and to the southeast. Runoff continues to an ephemeral tributary to the Manzanares Canyon drainage located approximately 1,500 feet southeast of the site. Based on the elevation of the canyon (6,000 feet above sea level), the expected minimum depth to groundwater at the subject site is 460 feet below ground surface.

A review of the well records on file with the State Engineer found the closest ground water well to the site is owned by El Paso Natural Gas (SJ-196). The well is located in the SW/4 of Section 9, Township 29 North, Range 8 West, and was drilled to a depth of 1,624 feet (Appendix D). The closest documented source of ground water downgradient from the subject site are the alluvial deposits associated with the ephemeral tributary to the Manzanares Canyon. Ground water within these alluvial deposits is expected to have a total dissolved solids (TDS) concentration of approximately 2000 mg/l.[1]

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

---

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

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

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

XII FACILITY CLOSURE PLAN

All reasonable and necessary measures will be taken to prevent the exceedance of WCQQ Section 3103 quality standards should WFS choose to permanently close the Trunk A Booster Station. WFS will submit a detailed closure plan to the NMOCD prior to closure.

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

FIGURE 1

SITE LOCATION MAP

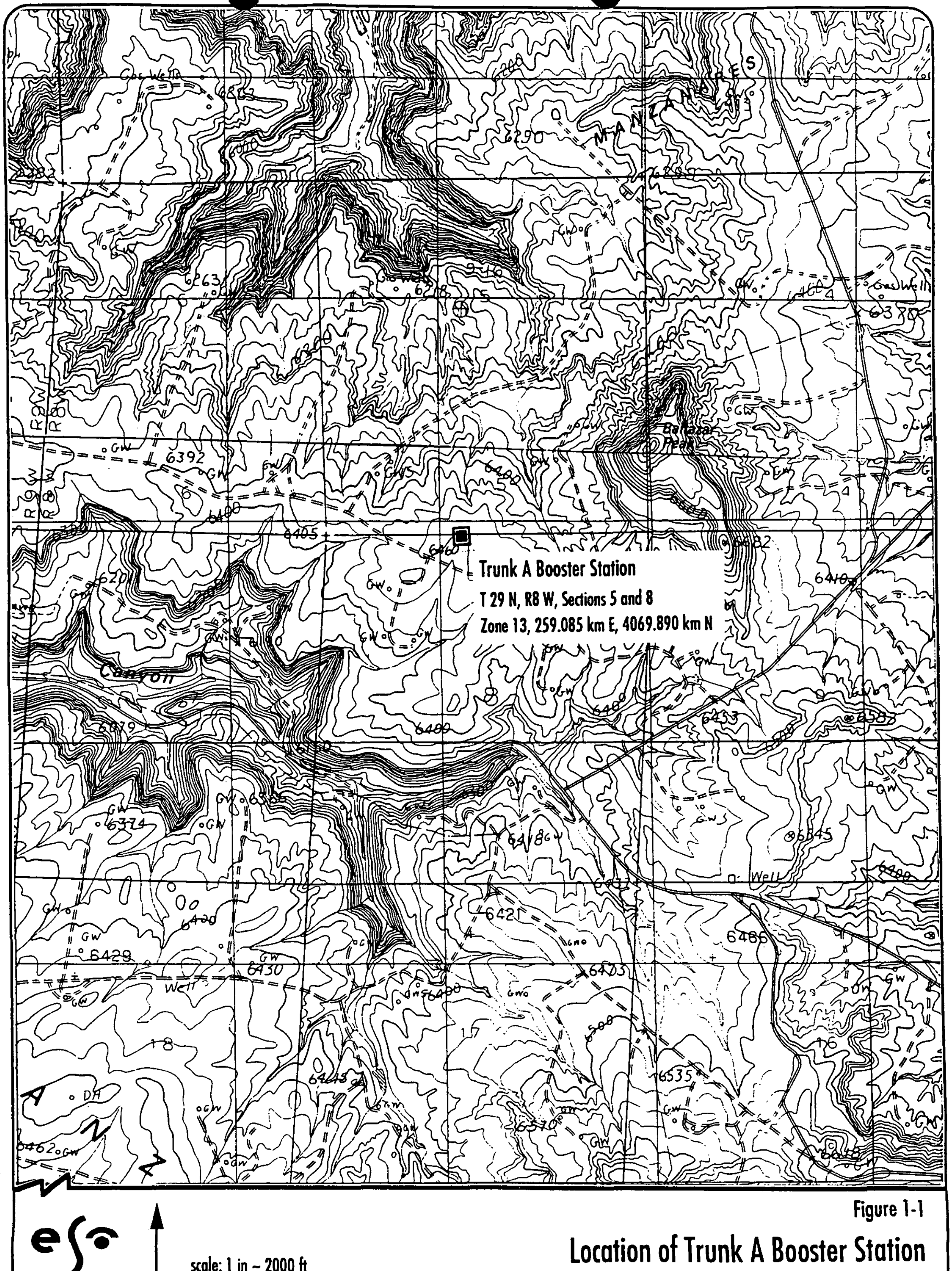


Figure 1-1

Location of Trunk A Booster Station

Archuleta & Cutter Canyon NM 7.5 min quadrangles

FIGURE 2

SITE SURVEY PLAN

MANZANARES GATHERING SYSTEM

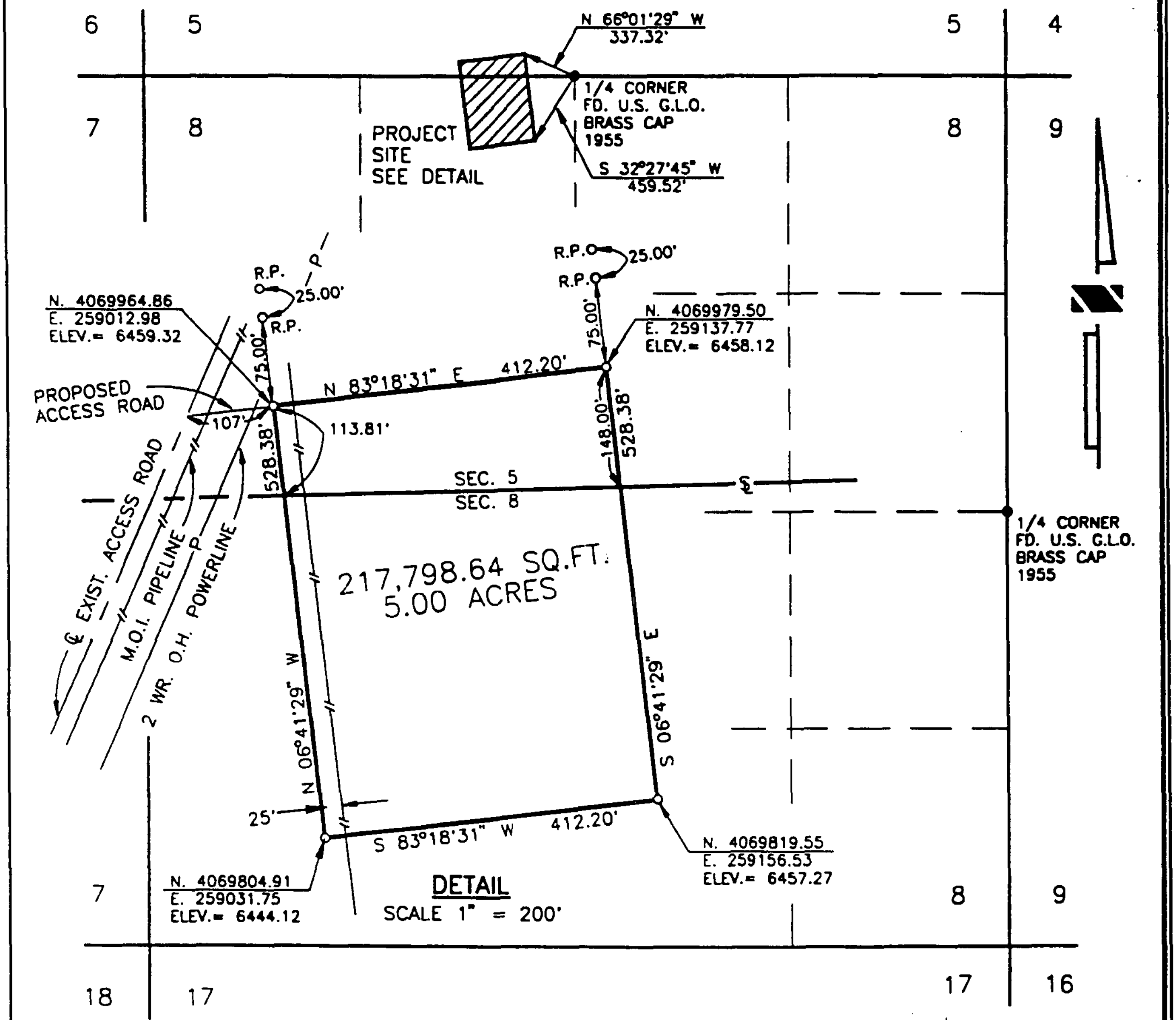
TRUNK A BOOSTER STATION

WILLIAMS FIELD SERVICES

SCALE: 1" = 1000'		DWG. NO. 798.12-X-29	
DRAWN BY: P.B.		DATE 9/12/95	
CHECKED BY: L.M.T.		SURVEYED 9/6/95	
APPROVED:		W.O. NO.	
APPROVED:		R/W NO.	

INTY SAN JUAN STATE NEW MEXICO

TION 5 & 8 TOWNSHIP 29-N RANGE 8-W



END
2" REBAR
07
NOTED

NOTE: BEARINGS SHOWN ARE BASED UPON A SOLAR OBSERVATION TAKEN AT THE NORTHWEST CORNER, ALONG THE NORTH LINE OF THIS BOOSTER STATION SITE.
BEARS: N 83°18'31" E

NOTE: ALL COORDINATES AS SHOWN ARE UTM COORDINATES ZONE 13, IN METERS.
PROJECT TBM= SPIKE IN EXIST. POWER POLE 30' NORTH OF NW PROPERTY COR.
ELEV.= 6459.32

CERTIFICATE OF SURVEYOR

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

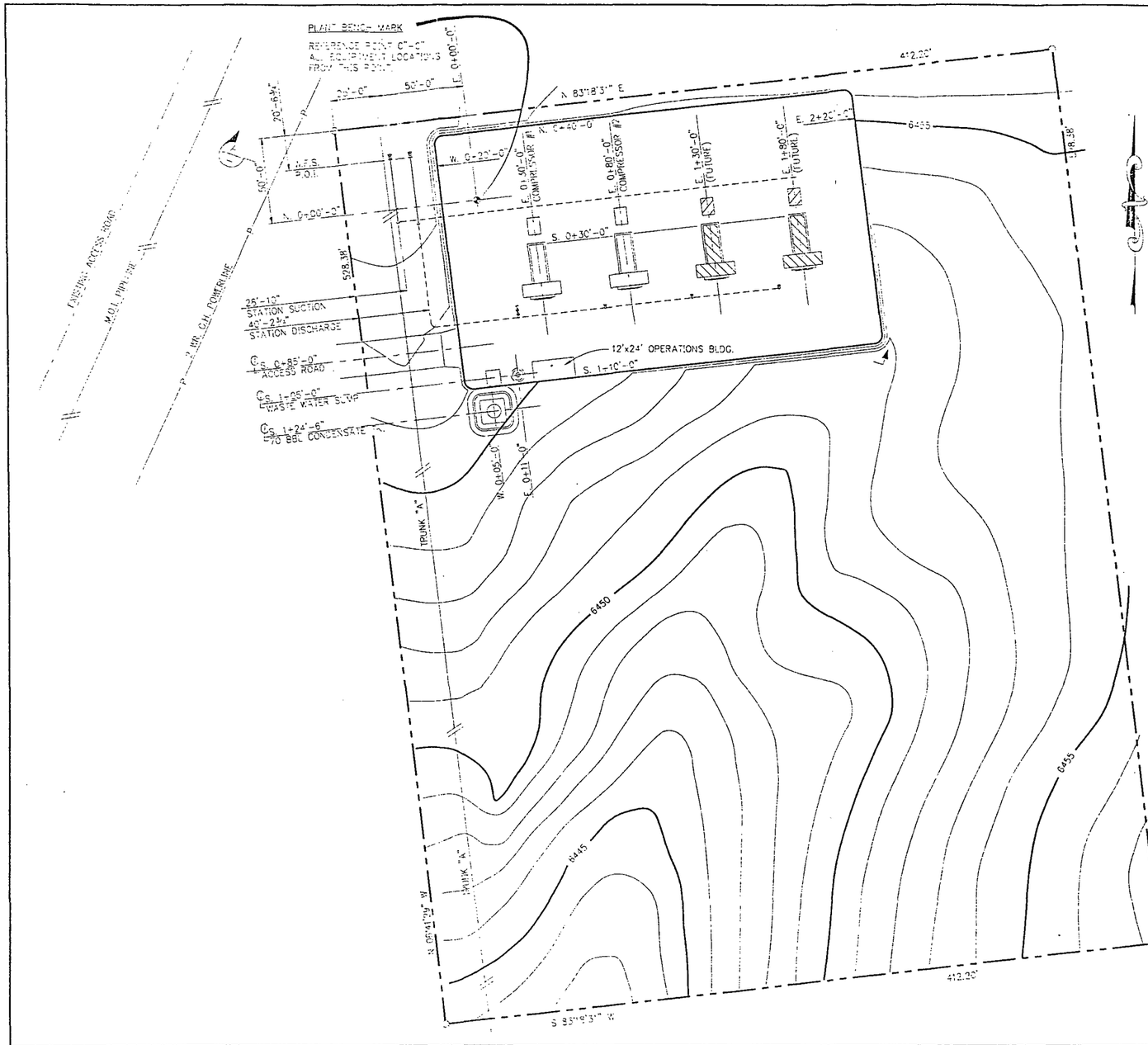
HARVEY D. PETERSON
NEW MEXICO L.S. NO. 6707

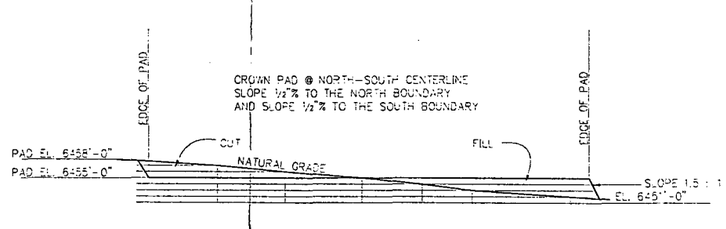
N

Figure 1-2
Site Survey

FIGURE 3

FACILITY PLOT PLAN





PROFILE "A- A"

VERTICAL SCALE EXPANDED 3 : 1

NOTES:

1. EXCAVATION AREA SHOWN IS AN APPROXIMATE AREA REQUIRED, AND MAY BE ADJUSTED AS REQUIRED BY ACTUAL FIELD CONDITIONS.
2. LOCATIONS OF MISC. EQUIPMENT (i.e. LIGHTING STANDARDS, PULSATION BOTTLE, etc.) ARE APPROXIMATE. SEE PIPING PLANS FOR ACTUAL LOCATIONS.
3. DRAINAGE AND DIVERSION DAMS ARE TO BE CONSTRUCTED AS REQUIRED AFTER FINAL EXCAVATION AND GRADING IS COMPLETE.

0 30 60 90
SCALE: 1" = 30'

AREA = 217,798.64 SQ.FT.
OR 5.00 ACRES

PRODUCTION OPERATORS INC.

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

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

NO.	DATE	BY	ISSUED FOR DESCRIPTION	W.O. #	APP.
			REVISIONS		

DRAFTING	BY	DATE
DRAWN		
CHECKED		
APPROVED		
ENGINEERING	BY	DATE
O & G REVIEW		
PROJECT APPROVAL		
PLOT DATE: TIME		

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

SAN JUAN TRUNK "A"
BOOSTER COMPRESSOR SITE
EXCAVATION & SITE LAYOUT

DWG. NO. TRA-1-M1

APPENDIX A

WASTE ANALYSIS

Enseco Incorporated

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

ANALYTICAL RESULTS

FOR

NORTHWEST PIPELINE CORPORATION

ENSECO-RMAL NO. 024601

SEPTEMBER 21, 1992

Rocky Mountain
Analytical Laboratory

Enseco
A CORNING Company

ANALYTICAL RESULTS

FOR

NORTHWEST PIPELINE CORPORATION

ENSECO-RMAL NO. 024601

SEPTEMBER 21, 1992

Reviewed by:

Joe A. Maes

Joel E. Holtz

Enseco Incorporated
4955 Yarrow Street
Arvada, Colorado 80002
303/421-6611 Fax: 303/431-7171

ORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

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

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

Contact: Mark Harvey
Date Analyzed: July 26,1995

Analysis Requested:
Volatile Aromatics
Total Purgeable Hydrocarbons

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

Field Sample ID:
SAN JUAN AREA
CEDAR HILL #1

Lab Sample ID:
L23218-8

Analytical Results

Units = mg/L(ppm)

BTX/TPH-P

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

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

Released By: _____
Laboratory Supervisor

Report Date: July 31,1995

AMERICAN WEST ANALYTICAL LABORATORIES

463 West 3600 South
Salt Lake City, Utah
84115

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

INORGANIC ANALYSIS REPORT

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

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

Analytical Results

	Method Used:	Detection Limit: mg/L	Amount Detected: mg/L
TOTAL METALS			
Arsenic	7060	0.005	<0.005
Barium	6010	0.002	2.8
Cadmium	6010	0.004	0.013
Chromium	6010	0.01	0.03
Lead	6010	0.05	0.13
Mercury	7471	0.001	<0.001
Selenium	7740	0.005	<0.005
Silver	6010	0.01	<0.01
OTHER CHEMISTRIES			
pH	150.1	0.1	6.8
TDS	160.1	1.0	3,600.
TOX	9020	0.5	1.6

Released by: _____
Laboratory Supervisor

Report Date 8/2/95

Introduction

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

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

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

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

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

Sample Description Information

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

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

Analytical Test Requests

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

SAMPLE DESCRIPTION INFORMATION
for
Northwest Pipeline Corporation

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

Enseco
A Corning Company

ANALYTICAL TEST REQUESTS
for
Northwest Pipeline Corporation

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

Analytical Results

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

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

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

Enseco
A Corning Company

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

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

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

ND = Not detected
NA = Not applicable

Reported By: Steve Shurgot Approved By: Stan Dunlavy

Enseco
A Corning Company

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)

Method 8020

Client Name: Northwest Pipeline Corporation
Client ID: TRIP BLANK
Lab ID: 024601-0003-TB
Matrix: AQUEOUS Sampled: Unknown Received: 19 AUG 92
Authorized: 19 AUG 92 Prepared: NA Analyzed: 24 AUG 92

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

ND = Not detected
NA = Not applicable

Reported By: Steve Shurgot Approved By: Stan Dunlavy

Enseco
A Corning Company

Metals

Total Metals

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

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

Note B : Compound is also detected in the blank.

ND = Not detected
NA = Not applicable

Reported By: Jeff Malecha Approved By: Sandra Jones

Enseco
A Corning Company

Metals

Total Metals

Client Name: Northwest Pipeline Corporation
Client ID: WASTE OIL TANK CEDAR HILL
Lab ID: 024601-0002-SA
Matrix: WASTE Sampled: 18 AUG 92 Received: 19 AUG 92
Authorized: 19 AUG 92 Prepared: See Below Analyzed: See Below

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

ND = Not detected
NA = Not applicable

Reported By: Bob Reilly Approved By: Sandra Jones

General Inorganics

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

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

ND = Not detected
NA = Not applicable

Reported By: Pam Rosas Approved By: Steve Shurgot

General Inorganics

Client Name: Northwest Pipeline Corporation
Client ID: WASTE OIL TANK CEDAR HILL
Lab ID: 024601-0002-SA
Matrix: WASTE Sampled: 18 AUG 92 Received: 19 AUG 92
Authorized: 19 AUG 92 Prepared: See Below Analyzed: See Below

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

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

ND = Not detected
NA = Not applicable

Reported By: Leslie Gergurich Approved By: Steve Shurgot

Quality Control Report

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

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

The standard laboratory QC package is designed to:

1) establish a strong, cost-effective QC program that ensures the generation of scientifically valid, legally defensible data

2) assess the laboratory's performance of the analytical method using control limits generated with a well-defined matrix

3) establish clear-cut guidelines for acceptability of analytical data so that QC decisions can be made immediately at the bench, and

4) provide a standard set of reportables which assures the client of the quality of his data.

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

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

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

Accuracy for DCS and SCS is measured by Percent Recovery.

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

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

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

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

Enseco
A Corning Company

QC LOT ASSIGNMENT REPORT
Organics by Chromatography

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

Enseco
A Corning Company

DUPLICATE CONTROL SAMPLE REPORT
Organics by Chromatography

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

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

Enseco
A Corning Company

SINGLE CONTROL SAMPLE REPORT
Organics by Chromatography

Analyte	Concentration Spiked	Measured	Accuracy(%) SCS	Limits
Category: 602-A Matrix: AQUEOUS QC Lot: 18 AUG 92-1H QC Run: 22 AUG 92-1H Concentration Units: ug/L				
a,a,a-Trifluorotoluene	30.0	31.2	104	90-113
Category: 602-A Matrix: AQUEOUS QC Lot: 18 AUG 92-1H QC Run: 24 AUG 92-1H Concentration Units: ug/L				
a,a,a-Trifluorotoluene	30.0	30.9	103	90-113

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

Enseco
A Corning Company

METHOD BLANK REPORT
Organics by Chromatography

Analyte	Result	Units	Reporting Limit
Test: 8020-BTEX-AP Matrix: AQUEOUS QC Lot: 18 AUG 92-1H QC Run: 22 AUG 92-1H			
Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50
Test: 8020-BTEX-AP Matrix: AQUEOUS QC Lot: 18 AUG 92-1H QC Run: 24 AUG 92-1H			
Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50

Enseco
A Corning Company

QC LOT ASSIGNMENT REPORT
Metals Analysis and Preparation

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

Enseco
A Corning Company

DUPLICATE CONTROL SAMPLE REPORT
Metals Analysis and Preparation

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	Measured AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision Limit
Category: ICP-AT Matrix: AQUEOUS QC Lot: 10 SEP 92-1A Concentration Units: mg/L								
Aluminum	2.0	2.03	2.04	2.03	102	75-125	0.2	20
Antimony	0.5	0.510	0.499	0.505	101	75-125	2.2	20
Arsenic	0.5	0.480	0.453	0.467	93	75-125	5.7	20
Barium	2.0	1.92	1.93	1.92	96	75-125	0.4	20
Beryllium	0.05	0.0500	0.0497	0.0498	100	75-125	0.6	20
Cadmium	0.05	0.0468	0.0442	0.0455	91	75-125	5.7	20
Calcium	100	103	102	103	103	75-125	1.0	20
Chromium	0.2	0.190	0.195	0.192	96	75-125	2.6	20
Cobalt	0.5	0.471	0.467	0.469	94	75-125	0.9	20
Copper	0.25	0.281	0.269	0.275	110	75-125	4.4	20
Iron	1.0	1.01	1.00	1.01	101	75-125	1.0	20
Lead	0.5	0.472	0.475	0.473	95	75-125	0.7	20
Magnesium	50	51.1	50.6	50.8	102	75-125	1.0	20
Manganese	0.5	0.489	0.477	0.483	97	75-125	2.5	20
Nickel	0.5	0.483	0.478	0.480	96	75-125	1.1	20
Potassium	50	52.5	51.9	52.2	104	75-125	1.2	20
Silver	0.05	0.0488	0.0477	0.0483	97	75-125	2.2	20
Sodium	100	110	109	109	109	75-125	1.6	20
Vanadium	0.5	0.495	0.497	0.496	99	75-125	0.4	20
Zinc	0.5	0.496	0.489	0.492	98	75-125	1.6	20
Category: AS-FAA-AT Matrix: AQUEOUS QC Lot: 10 SEP 92-1A Concentration Units: mg/L								
Arsenic	0.03	0.0329	0.0348	0.0338	113	75-125	5.6	20
Category: PB-FAA-AT Matrix: AQUEOUS QC Lot: 10 SEP 92-1A Concentration Units: mg/L								
Lead	0.03	0.0349	0.0313	0.0331	110	75-125	11	20

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

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

Analyte	Concentration Spiked	Measured DCS1	Measured DCS2	Measured AVG	Accuracy Average(%) DCS	Accuracy Limits	Precision (RPD) DCS	Precision (RPD) Limit
Category: HG-CVAA-AT Matrix: AQUEOUS QC Lot: 13 SEP 92-1A Concentration Units: mg/L								
Mercury	0.0010	0.000967	0.00100	0.000983	98	75-125	3.4	20
Category: AS-FAA-S Matrix: SOIL QC Lot: 11 SEP 92-1A Concentration Units: mg/kg								
Arsenic	145	102	104	103	71	59-141	1.0	20
Category: ICP-S Matrix: SOIL QC Lot: 14 SEP 92-1R Concentration Units: mg/kg								
Aluminum	10700	6840	7480	7160	67	47-153	8.8	20
Antimony	55.2	54.8	57.4	56.1	102	18-362	4.6	50
Arsenic	145	128	135	131	91	59-141	4.9	20
Barium	503	435	459	447	89	76-124	5.5	20
Beryllium	129	118	124	121	94	53-131	4.9	20
Cadmium	154	140	147	144	93	68-132	4.6	20
Calcium	7390	6600	6960	6780	92	79-121	5.4	20
Chromium	151	127	136	132	87	66-133	6.9	20
Cobalt	122	110	116	113	93	70-130	5.4	20
Copper	162	156	165	161	99	70-132	5.4	20
Iron	15400	12400	13400	12900	84	66-134	7.2	20
Lead	148	129	139	134	90	66-135	6.9	20
Magnesium	3740	3250	3480	3360	90	74-126	7.0	20
Manganese	423	376	397	387	91	74-125	5.5	20
Molybdenum	159	145	152	148	93	71-129	5.1	20
Nickel	166	154	162	158	95	67-133	5.1	20
Potassium	4050	3530	3770	3650	90	68-132	6.6	20
Silver	104	98.2	106	102	98	76-124	7.6	20
Sodium	747	717	766	741	99	57-130	6.6	20
Vanadium	154	135	142	138	90	73-127	5.2	20
Zinc	530	478	504	491	93	65-135	5.3	20

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

Enseco
A Corning Company

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

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

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

METHOD BLANK REPORT
Metals Analysis and Preparation

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

METHOD BLANK REPORT
Metals Analysis and Preparation (cont.)

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

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QC LOT ASSIGNMENT REPORT
Wet Chemistry Analysis and Preparation

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

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A Coming Company

DUPLICATE CONTROL SAMPLE REPORT
Wet Chemistry Analysis and Preparation

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

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

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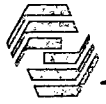
METHOD BLANK REPORT
Wet Chemistry Analysis and Preparation

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



Appendix

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A Corning Company

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

CHAIN OF CUSTODY

ENSECO CLIENT	PACKED BY	SEAL NUMBER
PROJECT	SEAL INTACT UPON RECEIPT BY SAMPLING COMPANY	CONDITION OF CONTENTS
SAMPLING COMPANY	SEALED FOR SHIPPING BY	INITIAL CONTENTS TEMP. °C
SAMPLING SITE	SEAL NUMBER	SAMPLING STATUS ☐ Done ☐ Continuing Until
TEAM LEADER	SEAL INTACT UPON RECEIPT BY LAB. ☐ Yes ☐ No	CONTENTS TEMPERATURE UPON RECEIPT BY LAB. JM °C

SAMPLE SAFE™ CONDITIONS

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

CUSTODY TRANSFERS PRIOR TO SHIPPING

RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME
Vernon Rockhold	Frank Gallegos	8/18/92	2:07

SHIPPING DETAILS

DELIVERED TO SHIPPER BY

METHOD OF SHIPMENT

AIRBILL NUMBER

RECEIVED FOR LAB: PMK

SIGNED

DATE/TIME: 0845 8/19/92

ENSECO PROJECT NUMBER: 24601

ENS—1133

White – CLIENT Pink – LAB

Enseco
A Corning Company

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

CHAIN OF CUSTODY

ENSECO CLIENT		**SAMPLE SAFE™ CONDITIONS**	
		PACKED BY	SEAL NUMBER
PROJECT		SEAL INTACT UPON RECEIPT BY SAMPLING COMPANY	CONDITION OF CONTENTS
SAMPLING COMPANY		SEALED FOR SHIPPING BY	INITIAL CONTENTS TEMP. °C
SAMPLING SITE		SEAL NUMBER	SAMPLING STATUS ☐ Done ☐ Continuing Until
TEAM LEADER		SEAL INTACT UPON RECEIPT BY LAB. ☐ Yes ☐ No	CONTENTS TEMPERATURE UPON RECEIPT BY LAB. °C

DATE	TIME	SAMPLE ID/DESCRIPTION	SAMPLE TYPE	# CONTAINERS	ANALYSIS PARAMETERS	REMARKS
8-18-92	12:51	CEDAR HILL COP WASTE WATER	LIQUIDS AQUEOUS	11	VOA	> 01
8-18-92	12:53	11 11	LIQUIDS AQUEOUS	11	VOA	
8-18-92	12:55	11 11	LIQUIDS AQUEOUS	11	VOA	

CUSTODY TRANSFERS PRIOR TO SHIPPING

RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME

SHIPPING DETAILS

DELIVERED TO SHIPPER BY

METHOD OF SHIPMENT | AIRBILL NUMBER

RECEIVED FOR LAB: PINAL | SIGNED: [signature] | DATE/TIME: 0845 8/19/92

ENSECO PROJECT NUMBER: 24601

ENS—1133

White - CLIENT Pink - LAB

APPENDIX B

SPILL CONTROL PROCEDURES

A. PURPOSE AND SCOPE

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

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

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

Supersedes Policy and Procedure 12.10.020 dated July 7, 1989.

C.1.3 The term hazardous substance does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

C.1.4 Oil, for the purpose of this document, means oil of any kind or in any form, including but not limited to petroleum, fuel oil, Y grade, mixed products, sludge, oil refuse, and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) are not considered to be oil.

C.1.5 Facilities which could discharge or spill oil or hazardous substances into a watercourse must comply with the required federal, state, or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake, or standing body of water capable of collecting or transporting an oil or hazardous substance.

C.1.6 Facilities which are subject to the requirements stated in this policy are as follows:

a. Non-Transportation Related Facilities

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

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

b. Transportation Related Facilities

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

C.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all hazardous substance storage vessels at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencys that must be notified in case of a spill.

C.1.8 The facility supervisor is responsible for spill prevention. His/her duties include, but are not limited to, the following:

a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.
b. Conduct briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.
c. Briefings should highlight and describe known discharges or spills, and recently developed precautionary measures.

C.1.9 Each individual facility is checked by the supervisor or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen, or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:

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

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

C.1.10 Any field drainage ditches, road ditches, traps, sumps, or skimmers should be inspected at annual scheduled intervals for accumulation of liquid hydrocarbons or other hazardous substances which may have escaped from small leaks. Any such accumulations should be removed.

C.2 BULK STORAGE TANKS

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

C.2.2 The facility supervisor should evaluate level monitoring requirements to prevent tank overflow.

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

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

C.3 FACILITY DRAINAGE

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

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

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

C.3.4 The principal means of containing discharges or spills is the use of dikes which are constructed wherever regulated quantities of oil or hazardous substances have the potential of reaching a watercourse. The construction of dikes must meet the following requirements:

a. Capacity must be at least equivalent to the storage capacity of the largest tank of the battery plus sufficient freeboard to allow for pecipitation, 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.

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

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

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

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

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

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

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

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

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

D. PROCEDURE

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

Any Employee

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

NOTE: Refer to Attachment A for containment procedures.

Facility Supervisor

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

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

Gas Control Personnel

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

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

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

Facility Supervisor

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

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

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

Environmental Services

D.1.8 Contacts Legal Department (and Right-of-Way Department, if appropriate) and assesses reporting requirements to state and federal agencies. (See Emergency Operating Procedure Manuals).

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

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

D.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

Facility Supervisor

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

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

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

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

ATTACHMENT A

Discharge or Spill Containment Procedures and Materials

Type of Facility where the Discharge or Spill occurs	Containment Procedures	Material Used for Containment
A. Oil Pipeline (as defined in C.1.4)	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, applying sorbents, or burning. 2. Notifies immediately the Compliance and Safety Department and if there is any imminent danger to local residents; notifies immediately the highway patrol or local police officials. 3. If burning is required, obtains approval from the appropriate state air quality control government agencies before burning. 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 C

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

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

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

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

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

OPERATOR									ADDRESS				TELEPHONE #
REPORT OF	FIRE		BREAK		SPILL		LEAK		BLOWOUT		OTHER*		
TYPE OF FACILITY	DRLG WELL		PROD WELL		TANK BTRY		PIPE LINE		GASO PLNT		OIL RFY		OTHER*
FACILITY NAME:													
LOCATION OF FACILITY Qtr/Qtr Sec. or Footage										SEC.	TWP.	RGE.	COUNTY
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK													
DATE AND HOUR OF OCCURRENCE									DATE AND HOUR OF DISCOVERY				
WAS IMMEDIATE NOTICE GIVEN?	YES		NO		NOT REQUIRED				IF YES, TO WHOM				
BY WHOM									DATE AND HOUR				
TYPE OF FLUID LOST									QUANTITY OF LOSS		VOLUME RECOVERED		
DID ANY FLUIDS REACH A WATERCOURSE?	YES		NO		QUANTITY								
IF YES, DESCRIBE FULLY**													
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**													
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**													
DESCRIPTION OF AREA	FARMING		GRAZING		URBAN		OTHER*						
SURFACE CONDITIONS	SANDY		SANDY LOAM		CLAY		ROCKY		WET		DRY		SNOW
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**													
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF													
SIGNED					PRINTED NAME AND TITLE						DATE		

*SPECIFY **ATTACH ADDITIONAL SHEETS IF NECESSARY

RULE 116. - NOTIFICATION OF FIRE, BREAKS, LEAKS, SPILLS AND BLOWOUTS (as of 3-1-91)

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

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

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

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

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

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

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

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

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

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

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

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

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

B. Plans, specifications and reports required by this Section, if related to facilities for the production, refinement and pipeline transmission of oil and gas, or products thereof, shall be filed instead with the Oil Conservation Division. [1-4-68, 12-1-95]

C. Plans and specifications required to be filed under this Section must be filed prior to the commencement of construction. [9-3-72]

1203. NOTIFICATION OF DISCHARGE--REMOVAL.

A. With respect to any discharge from any facility of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, the following notifications and corrective actions are required: [2-17-74, 12-24-87]

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

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

b. the name and address of the facility;

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

d. the source and cause of discharge;

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

f. the estimated volume of the discharge; and

g. any actions taken to mitigate immediate damage from the discharge.
[2-17-74, 2-20-81, 12-24-87, 12-1-95]

2. When in doubt as to which agency to notify, the

person in charge of the facility shall notify the Chief of the Ground Water Protection and Remediation Bureau of the department. If that department does not have authority pursuant to commission delegation, the department shall notify the appropriate constituent agency. [12-24-87, 12-1-95]

3. Within one week after the discharger has learned of the discharge, the facility owner and/or operator shall send written notification to the same department official, verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification. [12-24-87]

4. The oral and written notification and reporting requirements contained in this Subsection A are not intended to be duplicative of discharge notification and reporting requirements promulgated by the Oil Conservation Commission (OCC) or by the Oil Conservation Division (OCD); therefore, any facility which is subject to OCC or OCD discharge notification and reporting requirements need not additionally comply with the notification and reporting requirements herein. [2-17-74, 12-24-87]

5. As soon as possible after learning of such a discharge, the owner/operator of the facility shall take such corrective actions as are necessary or appropriate to contain and remove or mitigate the damage caused by the discharge. [2-17-74, 12-24-87]

6. If it is possible to do so without unduly delaying needed corrective actions, the facility owner/operator shall endeavor to contact and consult with the Chief of the Ground Water Protection and Remediation Bureau of the department or appropriate counterpart in a delegated agency, in an effort to determine the department's views as to what further corrective actions may be necessary or appropriate to the discharge in question. In any event, no later than fifteen (15) days after the discharger learns of the discharge, the facility owner/operator shall send to said Bureau Chief a written report describing any corrective actions taken and/or to be taken relative to the discharge. Upon a written request and for good cause shown, the Bureau Chief may extend the time limit beyond fifteen (15) days. [12-24-87, 12-1-95]

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

time within which to submit a modified corrective action report. The Bureau Chief shall approve or disapprove in writing the modified corrective action report within fifteen (15) days of its receipt by the department. [12-24-87]

8. In the event that the modified corrective action report also is unsatisfactory to the department, the facility owner/operator has five (5) days from the notification by the Bureau Chief that it is unsatisfactory to appeal to the department secretary. The department secretary shall approve or disapprove the modified corrective action report within five (5) days of receipt of the appeal from the Bureau Chief's decision. In the absence of either corrective action consistent with the approved corrective action report or with the decision of the secretary concerning the shortcomings of the modified corrective action report, the department may take whatever enforcement or legal action it deems necessary or appropriate. [12-24-87, 12-1-95]

9. If the secretary determines that the discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 4103 of this Part, and the water pollution will not be abated within one hundred and eighty (180) days after notice is required to be given pursuant to Section 1203.A.1 of this Part, the secretary may notify the facility owner/operator that he is a responsible person and that an abatement plan may be required pursuant to Sections 4104 and 4106.A of this Part. [12-1-95]

B. Exempt from the requirements of this Section are continuous or periodic discharges which are made: [2-17-74]

1. in conformance with regulations of the commission and rules, regulations or orders of other state or federal agencies; or [2-17-74]

2. in violation of regulations of the commission, but pursuant to an assurance of discontinuance or schedule of compliance approved by the commission or one of its duly authorized constituent agencies. [2-17-74]

C. As used in this Section and in Sections 4100 through 4115, but not in other Sections of this Part: [2-17-74, 12-1-95]

1. "discharge" means spilling, leaking, pumping, pouring, emitting, emptying, or dumping into water or in a location and manner where there is a reasonable probability that the discharged substance will reach surface or subsurface water; [2-17-74]

2. "facility" means any structure, installation, operation, storage tank, transmission line, motor vehicle, rolling

stock, or activity of any kind, whether stationary or mobile; [2-17-74]

3. "oil" means oil of any kind or in any form including petroleum, fuel oil, sludge, oil refuse and oil mixed with wastes; [2-17-74]

4. "operator" means the person or persons responsible for the overall operations of a facility; and [12-24-87]

5. "owner" means the person or persons who own a facility, or part of a facility. [12-24-87]

D. Notification of discharge received pursuant to this Part or information obtained by the exploitation of such notification shall not be used against any such person in any criminal case, except for perjury or for giving a false statement. [2-17-74]

E. Any person who has any information relating to any discharge from any facility of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, is urged to notify the Chief of the Ground Water Protection and Remediation Bureau of the department. Upon such notification, the secretary may require an owner/operator or a responsible person to perform corrective actions pursuant to Sections 1203.A.5 or 1203.A.9 of this Part. [12-1-95]

[1204-1209] Reserved

1210. VARIANCE PETITIONS.

A. Any person seeking a variance pursuant to Section 74-6-4 (G) NMSA 1978, shall do so by filing a written petition with the commission. The petitioner may submit with his petition any relevant documents or material which the petitioner believes would support his petition. Petitions shall: [7-19-68, 11-27-70, 9-3-72]

1. state the petitioner's name and address; [7-19-68, 11-27-70]

2. state the date of the petition; [7-19-68]

3. describe the facility or activity for which the variance is sought; [7-19-68, 11-27-70]

4. state the address or description of the property upon which the facility is located; [11-27-70]

APPENDIX D

WELL SEARCH

WPS 029

CHECKLIST FOR WELL LOGS

Compressor Station Name Trunk A Booster Station

Location T 29N R 8W sec 5 & 8

Mark site on San Juan Basin Map ✓
Make file folder ✓

Area to request around well T29N, R8W, sec 4, 5, 6, 7, 8, 9

FEMA Map order
1-800-358-9616 – ordered 5/13/96
Albuquerque: 768-2650

(Panel 350064 0575 B
or
350064 0375 B)

State Engineer Office well logs and water table database
Fax – 5/14/96
Copies made for file folder ✓

USGS well information
Fax - 5/14/96 (canceled 5/15)
File ✓

Manzanares Mesa #1

Revised December 1975

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

Declaration of Owner of Underground Water Right

77 MAR 31 AM 11 05

San Juan
BASIN NAME

Declaration No. SJ-196 Date received Mar. 31, 1977

STATE ENGINEER OFFIC
SANTA FE, N.M. 87501

STATEMENT

1. Name of Declarant El Paso Natural Gas Company
Mailing Address P. O. Box 1492 79978
County of El Paso, State of Texas

2. Source of water supply Artesian
(artesian or shallow water aquifer)

3. Describe well location under one of the following subheadings:
a. SW ¼ ¼ ¼ of Sec. 9 Twp. 29N Rge. 8W N.M.P.M., in San Juan County.
b. Tract No. _____ of Map No. _____ of the _____
c. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone in the _____ Grant.
On land owned by Bureau of Land Management - Special Use Permit

4. Description of well: date drilled 3-23-72 driller Young Drilling Co. depth 1624 feet. outside diameter of casing 6-5/8 inches; original capacity 50 gal. per min.; present capacity 50 gal. per min.; pumping lift 1000 feet; static water level 500 feet (~~above~~) (below) land surface; make and type of pump Reda-Submersible
make, type, horsepower, etc., of power plant 15 HP
Fractional or percentage interest claimed in well 100%

5. Quantity of water appropriated and beneficially used _____ (acre feet per acre) 50 (acre feet per annum)
for Drilling and workover operations purposes.

6. Acreage actually irrigated _____ acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 6 (month) 1 (day) 1972 (year) and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: Used intermittently as drilling and workover operations require.

8. Additional statements or explanations

77 APR 22 PM 12:53
STATE ENGINEER OFFICE
ALBUQUERQUE, N. MEX.

I, J. W. McCarthy being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

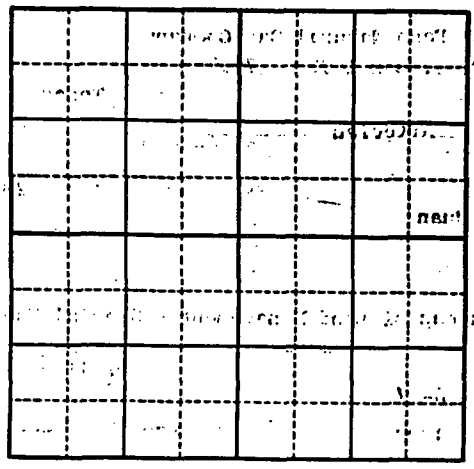
El Paso Natural Gas Company, declarant.
by: J. W. McCarthy

Subscribed and sworn to before me this 29 day of March, A.D. 1977
My commission expires June 1, 1977 Ruth Hanson Notary Public
RUTH HANSON

FILED
UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF DECLARANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) _____, Township _____, Range _____ M. M. P. M.



INSTRUCTIONS

Declaration shall be executed (preferably typewritten), in triplicate, and must be accompanied by a $1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.