

GW - 293

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**  
2006-1998

2006 AUG 23 AM 11 44



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

August 22, 2006

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

Re: Change of Company Name

Dear Mr. Price;

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

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

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

Sincerely,

A handwritten signature in black ink that reads "David Bays".

David Bays  
Senior Environmental Specialist

Attachments

xc: Clara Cardoza  
Monica Sandoval  
WFS FCA file 210

RECEIVED

JUL 16 2003

OIL CONSERVATION  
DIVISION



Environmental Affairs  
188 CR 4900  
Bloomfield, NM 87413  
505/632-4606  
505/632-4781 Fax

July 14, 2003

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

**Re: Discharge Plan GW-045, -129, -133, -134, -155, -292, -293, and -306**

Dear Mr. Ford:

Enclosed please find the signed copy of the discharge plan conditions for the Williams Field Services (WFS) Kutz Canyon Gas Plant, Crouch Mesa CDP, 30-8 CDP, Decker Junction CS, Aztec CDP, Rosa #1 CS, Gallegos, CS, and Trunk N CS. Also included is the flat fee required by the approval conditions.

Williams Field Services appreciates your assistance in handling this and processing the fees. If you have any questions or require additional information, please contact me at 505/632/4606.

Thank you,

Clara M Garcia  
Environmental Compliance

Xc: Denny Foust, Aztec, OCD Dist III

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 6-26-03,  
or cash received on \_\_\_\_\_ in the amount of \$ 13,300 -

from Williams Field Services  
for See attached cover letter (Combines w/check #35001221)

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

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

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

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

**Williams**

DATE: 06/26/2003

PAY TO THE ORDER OF: \_\_\_\_\_

PAY \*\*\*\*\*\$13,300.00

WATER MANAGEMENT QUALITY MANAGEMENT FUND  
C/O OIL CONSERVATION DIV  
1220 S ST FRANCIS DR

SANTA FE NM 87505  
United States

Bank One, NA  
Illinois

Authorized Signer

**VOID VOID VOID**

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 7-11-03,  
or cash received on \_\_\_\_\_ in the amount of \$ 2,600.00

from Williams Field Services  
for See attached cover letter

Submitted by: [Signature] (Facility Name) Date: 7-17-03 (DP No.)

Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

Modification \_\_\_\_\_ Other \_\_\_\_\_ (Specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

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

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PAY TO THE ORDER OF

PAY →

\*\*\*\*\*\$2,600.00

WATER MANAGEMENT QUALITY MANAGEMENT FUND  
C/O OIL CONSERVATION DIV  
1220 S ST FRANCIS DR

SANTA FE  
United States

NM 87505

Bank One, NA  
Illinois

[Signature]  
Authorized Signer



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Lori Wrotenbery**

Director

**Oil Conservation Division**

June 30, 2003

Via FAX

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

**RE: Corrected Flat Fee  
GW- 129 Crouch Mesa CDP Compressor Station  
GW-293 Gallegos Compressor Station  
San Juan County, New Mexico**

Dear Ms. Garcia:

The flat fee requirement stipulated in the renewal approval, dated April 21, 2003, for the Crouch Mesa CDP Compressor Station located in the SE/4 SE/4 Section 23, Township 29 North, Range 12 West, NMPM, San Juan County was in error in the cover letter accompanying the Conditions of Approval and should have read \$1,700.00 instead of the quoted \$400.00.

The flat fee requirement stipulated in the renewal approval, dated June 2, 2003, for the Gallegos Compressor Station located Section 7, Township 25 North, Range 10 West, NMPM, San Juan County was in error in the cover letter accompanying the Conditions of Approval and should have read \$1,700.00 instead of the quoted \$400.00.

The OCD wishes to thank you for bringing this error to our attention. Please correct your approval letter to the correct amount. If you have any questions contact me at (505) 476-3489.

Sincerely,

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

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

Cc: OCD Aztec District Office

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 12/17/02  
or cash received on \_\_\_\_\_ in the amount of \$ 200.00  
from Williams Field Services  
for Gallegos C.S. 4W-293  
Rosa #1 CDP C.S. 4W-292  
(Facility Name)  
Submitted by: [Signature] Date: 3/19/03 (DP No.)  
Submitted to ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Received in ASD by: \_\_\_\_\_ Date: \_\_\_\_\_  
Filing Fee ☒ New Facility \_\_\_\_\_ Renewal ☒  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)  
Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

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

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

**Williams**

DATE: 12/17/2002

PAY TO THE ORDER OF

PAY \*\*\*\*\*\$200.00

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

SANTA FE NM 87505  
United States

Bank One, NA  
Illinois

[Signature]  
Authorized Signer



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor  
**Betty Rivera**  
Cabinet Secretary

November 20, 2002

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**CERTIFIED MAIL**

**RETURN RECEIPT NO. 3929 9246**

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

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

Dear Mr. Lane:

The OCD is providing Williams Field Services a notice that the following discharge plans expire at various dates during the year 2003.

<b>GW-292</b>	<b>expires</b>	<b>3/4/2003</b>	<b>- Rosa #1 Compressor Station</b>
<b>GW-293</b>	<b>expires</b>	<b>3/4/2003</b>	<b>- Gallegos Compressor Station</b>
<b>GW-133</b>	<b>expires</b>	<b>4/15/2003</b>	<b>- SJ 30-8 #1 CDP Compressor Station</b>
<b>GW-134</b>	<b>expires</b>	<b>4/15/2003</b>	<b>- Decker Junction Compressor Station</b>
<b>GW-136</b>	<b>expires</b>	<b>4/15/2003</b>	<b>- SJ 29-7 #1 CDP Compressor Station</b>
<b>GW-45</b>	<b>expires</b>	<b>6/28/2003</b>	<b>- Kutz Gas Plant</b>
<b>GW-306</b>	<b>expires</b>	<b>7/9/2003</b>	<b>- Trunk N Compressor Station</b>
<b>GW-149</b>	<b>expires</b>	<b>10/8/2003</b>	<b>- El Cedro Compressor Station</b>
<b>GW-155</b>	<b>expires</b>	<b>12/13/2003</b>	<b>- Aztec CDP Compressor Station</b>

**WOCC 20.6.2.3106.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]

Mr. Michael K. Lane  
November 20, 2002  
Page 2

The discharge plan renewal application for each of the above facilities is subject to WQCC Regulation 20.6.2.3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of \$100.00 plus a flat fee based upon the horsepower rating or type of facility for gas processing facilities. The \$100.00 filing fee for each facility is to be submitted with the discharge plan renewal application and is nonrefundable.

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

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

Sincerely,



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
<b>Category 4 - Current OCD Plan reflects more units than actual install; AQB permit allows additional installs</b>				
CARRACAS CDP	GW-112	2 units/895 HP ea	1 unit/895 HP	3 units/1378 HP ea
LA COSA C.S.	GW-187	8 units/ 1185 hp ea.	1 unit/2980 hp; 1 unit/1408 hp	1 unit/2980 hp; 4 units/1408 hp ea
<b>Category 5 - Current OCD Plan reflects actual installations; AQB permit allows additional installs</b>				
30-5 #1CDP	GW-108	9 units/1088 HP ea.	9 units/1088 HP ea.	12 units/1374 HP ea.
30-8 CDP	GW-133	10 units/1085 HP ea	10 units/1085 HP ea	14 units/1375 HP ea
DECKER JUNCTION CDP	GW-134	10 units/895 HP ea	10 units/895 HP ea	16 units/1388 HP ea
SIMS MESA CDP	GW-68	7 units/895 HP ea OK	7 units/895 HP ea	10 units/1374 HP ea
LATERAL N-30 C.S.	GW-256	2 units/1117 HP ea	2 units/1117 HP ea	6 units/1356 HP ea
<b>Category 6 - Current OCD Plan reflects actual installations; all AQB permitted units are installed</b>				
29-6 #3CDP	GW-198	1 unit/1129 HP ea.	1 unit/1129 HP ea.	1 unit/1129 HP ea,
32-8 #3	GW-116	6 units; /total site HP, 8178	6 units/1373 HP ea	6 units/1373 HP ea
AZTEC CDP	GW-155	12 units/1384 HP ea	12 units/1384 HP ea	12 units/1384 HP ea
HART MTN. BOOSTER C.S.	GW-208	2 units/895 HP ea	2 units/895 HP ea	2 units/1151 HP ea
KERNAGHAN STRADDLE	GW-271	2 units/895 HP ea	2 units/895 HP ea	2 units/1121 HP ea
PRITCHARD STRADDLE C.S.	GW-273	3 units/1270 HP ea	3 units/1270 HP ea	3 units/1279 HP ea
TRUNK C BOOSTER C.S	GW-257	2 units/1268 HP ea	2 units/1268 HP ea	2 units/1268 HP ea
LAGUNA SECA	GW-307	2 units/1375 HP & 1146 hp	2 units/1375 HP& 1146 hp	2 units/1232 HP ea
TRUNK G C.S.	GW-229	1 unit/1373 HP	1 unit/1373 HP	1 unit/1373 HP
NORTH CRANDELL	GW-310	1 Sup 8GTL; 1059 hp	1 Sup 8GTL; 1059 hp	1 Sup 8GTL; 1059 hp
SNOW SHOE STRADDLE	GW-287	1 Caterpilla 500 HP	1 Caterpilla 500 HP	1 Caterpilla 500 HP
5-POINTS	GW-78	1Wauk H24GL; 418 hp	1Wauk H24GL; 418 hp	1Wauk H24GL; 418 hp
GALLEGOS	GW-293	1 Wauk F18; 335 hp	1 Wauk F18; 335 hp	1 Wauk F18; 335 hp
WILD HORSE	GW-79	1 unit/540 HP	1 unit/540 HP	1 unit/538 HP
COYOTE SPRINGS	GW-250	1 unit/1367 HP	1 unit/1367 HP	1 unit/1367 HP
CROUCH MESA	GW-129	1 unit/110 HP	1 unit/110 HP	1unit/677 HP



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

February 8, 1999

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

**CERTIFIED MAIL**

**RETURN RECEIPT NO. Z-357-870-059**

Ms. Ingrid Deklau  
Senior Environmentalist  
Williams Field Services  
P.O. Box 58900  
Salt Lake City, Utah 84158-0900

**RE: Discharge Plan Fees GW-293  
Gallegos Compressor Station  
San Juan County, New Mexico**

Dear Ms. Dekalu:

On March 13, 1998, Williams Field Services, received, via certified mail, an approval dated March 4, 1998 from the New Mexico Oil Conservation Division (OCD) for renewal of discharge plan GW-293. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114 (see **attachment**). The OCD has not as of this date (February 8, 1999) received the annual incremental amount of \$138. The last check (Number 77158) submitted by Williams Field Services was dated January 16, 1998 for the filing fee required for renewal of the discharge plan. The total flat fee amount remaining is \$690.00 of the original \$690.00 flat fee for discharge plan GW-293 renewal.

Williams Field Services will submit the remaining \$690.00 flat fee in full by March 8, 1999 in order to be in compliance with Water Quality Control Commission Regulation 3114.B.6, or the OCD may initiate enforcement actions which may include fines and/or an order to cease all operations at the facility. 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. W. Jack Ford at (505) 827-7156.

Sincerely,

Roger Anderson  
Environmental Bureau Chief

RCA/wjf

xc: Mr. Denny Foust - Aztec OCD district office  
**attachment**

Z 357 870 059

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to <i>Ingrid Deklau</i>	
Street & Number <i>WFS</i>	
Post Office, State, & ZIP Code <i>SLC</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>GW-293</i>	

PS Form 3800, April 1995

RECEIVED

FEB 17 1998

**AFFIDAVIT OF PUBLICATION**

OIL CONSERVATION DIVISION

No. 39017

COPY OF PUBLICATION

STATE OF NEW MEXICO

County of San Juan:

DENISE H. HENSON 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 meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s)

Monday, February 2, 1998

and the cost of publication is: \$77.55

*Denise H. Henson*

On 2-9-98 DENISE H. HENSON

appeared before me, whom I know personally to be the person who signed the above document.

*Deane Nelson*

My Commission Expires November 1, 2000

**Legals**

**NOTICE OF PUBLICATION**

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

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

(GW-292) - Williams Field Services, Ingrid A. Deklau, (801) 584-6543, P. O. Box 58900, Sa Lake City, Utah 84158-0900, has submitted a discharge application for the Williams Field Services Rosa #1 compressor station facility located on the boundary of the SE/4 NW/4 of Section 7, Township 31 North, Range 6 West and the SW/4 NW/4 of Section 8, Township 3 North, Range 6 West, NMPM, San Juan County, New Mexico. Approximately 2,400 gallons per year of waste water is collected in a fiberglass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 300 feet with a total dissolved solids concentration of approximately 2,00 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-293) - Williams Field Services, Ingrid A. Deklau, (801) 584-6543, P. O. Box 58900, Sa Lake City, Utah 84158-0900, has submitted a discharge application for the Williams Field Services Gallegos compressor station facility located in the NW/4 of Section 7, Township 2 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 200 gallons per year of waste water is collected in a fiberglass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 200 feet or more with a total dissolved solids concentration of approximately 3,700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharge to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application(s) may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan application(s), 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 and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 23rd day of January, 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

/s/Kathleen A. Garland  
KATHLEEN A. GARLAND, Acting Director

SEAL

Legal No. 39017 published in The Daily Times, Farmington, New Mexico, on Monday, February 2, 1998.

*OK*

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASE

I hereby acknowledge receipt of check No. [REDACTED] dated 1/16/98,

or cash received on \_\_\_\_\_ in the amount of \$ 50.00

from Williams Field Services

for Gallagher Canyon C.S.

GW-293

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

Submitted to ASD by: R. Chandra Date: 2/10/98

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

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

Modification \_\_\_\_\_ Other \_\_\_\_\_

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

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

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

Chase Manhattan Bank Delaware  
1201 Market Street  
Wilmington DE 19801

62-26 5736-09  
311

DATE	CHECK NO.	NET AMOUNT
01/16/98	[REDACTED]	50.00

PAY  
FIFTY AND 00/100-----

TO THE  
ORDER  
OF

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

Mary Jane Bittick  
TREASURER

Williams Field Services Company

4341 NEW MEXICO OIL CONSERVATION DI

01/16/98

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
011398-2	GALLEGOS COMPRESSO	01/13/98	50.00	0.00	50.00
			RECEIVED JAN 22 1998 Environmental Bureau Oil Conservation Division		GW293 7
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

# The Santa Fe New Mexican

Since 1849. We Read You.

NM OGD

FEB - 5 1998

OIL CONSERVATION DIVISION

AD NUMBER: 9325

ACCOUNT: 56689

LEGAL NO: 62955

P.O. #: 98-199-00257

216 LINES ONCE at \$ 86.40

Affidavits: 5.25

Tax: 5.73

Total: \$ 97.38

## NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7331:

(GW-292) - Williams Field Services, Ingrid A. Delbau, (801) 584-6543, P.O. Box 58968, Salt Lake City, Utah 84158-0968, has submitted a discharge application for the Williams Field Services Rose #1 compressor station facility located on the boundary of the SE/4 NE/4 of Section 7, Township 31 North, Range 6 West, and the SW/4 NW/4 of Section 8, Township 31 North, Range 6 West, NMPMA, San Juan County, New Mexico. Approximately 2,400 gallons per year of waste water is collected in a fiberglass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 300 feet with a total dissolved solids concentration of approximately 2,000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-293) - Williams Field Services, Ingrid A. Delbau, (801) 584-6543, P.O. Box 58968, Salt Lake City, Utah 84158-0968, has submitted a discharge application for the Williams Field Services Gallinas compressor station facility located in the NW/4 NW/4 of Section 7, Township 28 North, Range 18 West, NMPMA, San Juan County, New Mexico. Approximately 200 gallons per year of waste water is collected in a fiber-

glass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 200 feet or more with a total dissolved solids concentration of approximately 3,700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application(s) may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan application(s), 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 and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 22nd day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION

KATHLEEN A. GARLAND,  
Acting Director

Legal #62955

Pub. January 29, 1998

## 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 # 62955 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 29 day of JANUARY 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

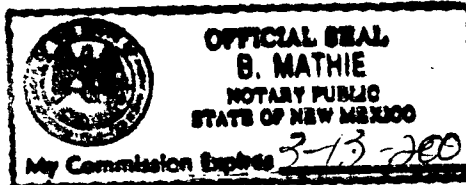
/S/

Betsy Perner  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this  
29 day of JANUARY A.D., 1998

Notary

Commission Expires 3-13-2001



• P.O. Box 2048 • Santa Fe, New Mexico 87501

505-983-3303



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

P. 269 262 842

3N

5

January 26, 1998

*Farmington Daily Times*  
**Attention: Advertising Manager**  
Post Office Box 450  
Farmington, New Mexico 87401

**Re: Notice of Publication**

2 NOTICES

Dear Sir/Madam:

*Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.*

*Immediately upon completion of publication, please send the following to this office:*

- 1. Publisher's affidavit in duplicate.*
- 2. Statement of cost (also in duplicate).*
- 3. Certified invoices for prompt payment.*

*We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.*

*Please publish the notice no later than* February 2, 1998.

*Sincerely,*

*Sally Martinez*  
Sally Martinez  
Administrative Secretary

*Attachment*

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to

Street & Number

Post Office, State, Zip

Postage **P.O. Box 450**  
**Farmington NM 87401**

Certified Fee

Special Delivery Fee

Restricted Delivery Fee

Return Receipt Showing to Whom & Date Delivered

Return Receipt Showing to Whom, Date, & Addressee's Address

TOTAL Postage & Fees

\$

Postmark or Date

(Jack)

PS Form 3800, April 1995



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

January 26, 1998

THE NEW MEXICAN  
202 E. Marcy  
Santa Fe, New Mexico 87501

RE: NOTICE OF PUBLICATION

PO #96-199-002997

ATTN: Betsy Perner

Dear Sir/Madam:

*Please publish the attached notice one time immediately on receipt of this request. Please proofread carefully, as any error in a land description or in a key word or phrase can invalidate the entire notice.*

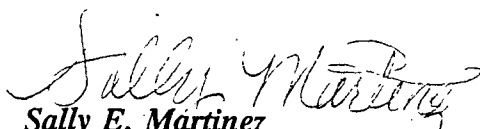
*Immediately upon completion of publication, please send the following to this office:*

1. *Publisher's affidavit.*
2. *Invoices for prompt payment.*

*We should have these immediately after publication in order that the legal notice will be available for the hearing which it advertises, and also so that there will be no delay in your receiving payment.*

*Please publish the notice on Thursday, January 29, 1998*

*Sincerely,*

  
Sally E. Martinez  
Administrative Secretary

*Attachment*

## NOTICE OF PUBLICATION

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

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

(GW-292) - Williams Field Services, Ingrid A. Deklau, (801) 584-6543, P. O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge application for the Williams Field Services Rosa #1 compressor station facility located on the boundary of the SE/4 NE/4 of Section 7, Township 31 North, Range 6 West and the SW/4 NW/4 of Section 8, Township 31 North, Range 6 West, NMPM, San Juan County, New Mexico. Approximately 2,400 gallons per year of waste water is collected in a fiberglass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 300 feet with a total dissolved solids concentration of approximately 2,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-293) - Williams Field Services, Ingrid A. Deklau, (801) 584-6543, P. O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge application for the Williams Field Services Gallegos compressor station facility located in the NW/4 NW/4 of Section 7, Township 25 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 200 gallons per year of waste water is collected in a fiberglass storage tank then transported offsite for disposal. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of 200 feet or more with a total dissolved solids concentration of approximately 3,700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application(s) may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan application(s), 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 and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico,  
on this 23rd day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read 'Kathleen A. Garland', written over a horizontal line.

KATHLEEN A. GARLAND, Acting Director

S E A L

## **NOTICE OF PUBLICATION**

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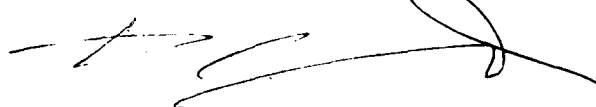
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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico,  
on this 23rd day of January 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read 'Kathleen A. Garland', written over a horizontal line.

KATHLEEN A. GARLAND, Acting Director

S E A L

Williams Field Services Company

4341 NEW MEXICO OIL CONSERVATION DI

01/16/98

INVOICE NUMBER	DESCRIPTION	INVOICE DATE	AMOUNT	DISCOUNT	NET AMOUNT
011398-2	GALLEGOS COMPRESSO	01/13/98	50.00	0.00	50.00
			<p><b>RECEIVED</b></p> <p>JAN 22 1998</p> <p>Environmental Bureau Oil Conservation Division</p>		
			50.00	0.00	50.00

PLEASE DETACH BEFORE DEPOSITING

TAC (71) 000710 000000 01/16/98 0710117.20 77400 00.00

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

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

Chase Manhattan Bank Delaware  
1201 Market Street  
Wilmington DE 19801

62-26 5736-09  
311

DATE	CHECK NO.	NET AMOUNT
01/16/98		50.00

PAY  
FIFTY AND 00/100-----

TO THE  
ORDER  
OF

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

*Mary Jane Bittick*  
TREASURER





**FIELD SERVICES**

January 13, 1998

GW293

Mr. Roger Anderson  
New Mexico Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

**Re: Discharge Plan Application for WFS Gallegos Compressor Station**

Dear Mr. Anderson,

Enclosed, please find the two copies of the application and a check for \$50.00 to cover the application fee for the OCD Discharge Plan for Williams Field Services (WFS) Gallegos Compressor Station.

If you have any questions or require additional information, please do not hesitate to call me at 801-584-6543. Your assistance is appreciated.

Best Regards,

A handwritten signature in black ink, appearing to read "Ingrid Deklau".

Ingrid Deklau  
Environmental Specialist

xc: Denny Foust, OCD Aztec Office  
Fred Link, WFS Jicarilla District Superintendent

enclosures

**RECEIVED**

JAN 22 1998

Environmental Bureau  
Oil Conservation Division

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

RECEIVED

JAN 22 1998

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


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

Environmental Bureau  
Oil Conservation Division

- I. TYPE: Natural Gas Compressor Station (Gallegos)
- II. OPERATOR: Williams Field Services  
ADDRESS: 295 Chipeta Way Salt Lake City UT 84108  
CONTACT PERSON: Ingrid Deklan PHONE: 801-984-6543
- III. LOCATION: NW/4 NW/4 Section 7 Township 25 North Range 10 West  
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: Ingrid Deklan Title: Environmental Specialist

Signature: 

Date: 1/12/98

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

GW293

**DISCHARGE PLAN**

**TRES RIOS GATHERING SYSTEM  
GALLEGOS COMPRESSOR STATION**

Williams Field Services Company

January, 1998

**RECEIVED**

**JAN 22 1998**

Environmental Bureau  
Oil Conservation Division

## **Table of Contents**

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Figure 1 - Site Location Map
Figure 2 - Site Survey Plan
Figure 3 - Facility Plot Plan
Figure 4 - Below-Grade Tanks

## **List of Appendices**

Appendix A - Waste Analysis
Appendix B - Spill Control Procedures
Appendix C - NMOCD Notification of Fire, Breaks, Spills, Leaks, and Blowouts

**I. TYPE OF OPERATION**

The Gallegos Compressor Station provides check metering and compression services to various producers for the gathering of natural gas for treatment and delivery through Williams Field Services (WFS) Ignacio and Lybrook Plants.

**II. LEGALLY RESPONSIBLE PARTY**

Williams Field Services  
295 Chipeta Way  
Salt Lake City, Utah 84108  
(801) 584-6543

**Contact Person:**

Ingrid Deklau, Sr. Environmental Specialist  
Phone and Address, Same as Above

**III. LOCATION OF FACILITY**

The Gallegos Compressor Station is located in the NW/4 of the NW/4 of Section 7, Township 25 North, Range 10 West, in San Juan County, New Mexico, approximately 20 miles south of Bloomfield, New Mexico. A Site Location map is attached (USGS 7.5 Min. Quadrangles: Huerfano Trading Post, NW) as Figure 1. The site for this station is 0.5 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**

The facility was constructed in November, 1994. There is one Waukesha F18 GL natural gas reciprocating engine, site rated at 335 horsepower (hp), installed at the site. The unit is skid-mounted and self contained. The station has a design volume capacity of 10 MMscfd. This facility is classified as a field compressor station; consequently, the facility is unmanned and there is no formal office or other support facilities not essential to field compression at the site.

**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. Material Safety Data Sheets for 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.

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

Used Motor Oil	As, Cd, Cr, Pb, TOX, Flash Point
----------------	----------------------------------

The results of previous tests conducted on similar waste streams showed that the washdown water did not exhibit any of the hazardous characteristics and used motor oil was suitable for recycling (see 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 this compressor 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.

**TABLE 1**  
**SOURCE, QUANTITY, AND QUALITY OF EFFLUENT AND WASTE SOLIDS**  
**GALLEGOS COMPRESSOR STATION**

PROCESS FLUID/WASTE	SOURCE	QUANTITY	QUALITY
Used Oil	Compressor	<800 gal/yr	Used motor oil w/no additives
Natural Gas Condensate	Scrubber and Gas Inlet Separator	<500 gal/yr	No additives
Wash-down Water	Compressor Skid	<200 gal/yr	Soap and tap water w/traces of used oil
Spill Residue (i.e., gravel, soil)	Incidental spills	Incident dependent	Incident dependent
Used Absorbents	Incidental spill/leak equipment wipe-down	<1 box/yr, or as needed	No additives
Oil Filters	Compressor	12/yr	No additives

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

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

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

**TABLE 2**  
**TRANSFER, STORAGE, AND DISPOSAL OF PROCESS FLUIDS, EFFLUENTS, AND WASTE SOLIDS**  
**GALLEGOS COMPRESSOR STATION**

PROCESS FLUID/WASTE	SOURCE	STORAGE	CONTAINER CAPACITY	CONTAINMENT/ SPILL PREVENTION	RCRA STATUS	DESCRIPTION OF FINAL DISPOSITION
Natural Gas Condensate	Scrubber and gas inlet separator	AST	100 bbl	Berm	Exempt	Saleable liquids may be sold to refinery (i.e., Giant), liquid may be disposed at NMOCD-approved facility (i.e., Basin Disposal); or evaporation at WFS facility may be considered.
Wash-down Water	Compressor skid	Below-ground tank	426 gallons	Double-walled, fiberglass tank	Non-exempt	Contractor may pump washwater back into truck after washing; water may be transported to NMOCD-approved facility; or evaporation at WFS facility may be considered in future.
Used Oil Filters	Compressor	Not stored on site	up to 55 gallons	Transported to WFS facility in plastic bag or other container	Non-exempt	Filters will be taken to WFS consolidation point (i.e., Kutz Plant), drained, and ultimately transported for disposal at the San Juan County Regional Landfill. A Waste Acceptance Profile is on file at the landfill.
Used Absorbents	Incidental spills or leaks	Not stored on site	up to 55 gallons	Transported to WFS facility in plastic bag or other container	Non-exempt	Absorbents will be taken to WFS consolidation point (i.e., Kutz Plant), drained/wrung, and ultimately transported for disposal at the San Juan County Regional Landfill. A Waste Acceptance Profile is on file at the landfill.
Spill Residue (i.e., soil, gravel)	Incidental spills	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
Compressor Oil	For use in compressor	AST	300 gallons	750-gallon containment	N/A	N/A
Used Oil	Compressor	Collected in closed-piping system, directed to below-ground tank holding wash-down water	426 gallons	Double-walled, fiberglass tank	Non-exempt	Removed using vacuum truck, and transported to WFS consolidation point (i.e., used oil tank at Ojito Compressor Station). Waste oil is then transported to EPA-registered used oil marketer (i.e., Mesa Oil) for recycling.

## **VIII. INSPECTION, MAINTENANCE AND REPORTING**

WFS's Tres Rios Gathering District personnel operate the and maintain the compression unit at the facility. The facility is remotely monitored for equipment malfunctions through Gas Dispatch and the Tres Rios Gathering District. An operator is on call 24 hours per day, 7 days per week, 52 weeks per year.

The above ground and below-ground tanks are gauged regularly, and the facility is inspected monthly. The below-ground tank is constructed of fiberglass and is equipped with four-inch inspection covers to inspect the annular space. The annular space of the below-ground tank will be inspected monthly. All inspections are recorded on the facilities operating record.

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

## **IX. SPILL/LEAK PREVENTION AND REPORTING (CONTINGENCY PLANS)**

Spill containment berms around above ground storage tanks are sized to contain 1 1/3 times the volume of the tank. The below-ground tank is double-lined and constructed of fiberglass (see Figure 4).

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).

## **X. SITE CHARACTERISTICS**

The Gallegos Compressor Station is located approximately 20 miles south of Bloomfield, New Mexico. The site elevation is approximately 6,420 feet above mean sea level. The natural ground surface topography is relatively flat with a gentle slope downwards toward the south-southwest. The maximum relief over the site is approximately 9 feet.

There are no permanent bodies of water and no perennial streams within one mile of the station. There are numerous dry arroyos providing natural drainage into Gallegos Canyon, approximately 0.5 miles downstream.

A review of the available hydrologic data<sup>1,2</sup> for this area revealed that there are no water wells within a radius of two miles from the location of the Gallegos Station. The nearest water well was found approximately 3 miles from the site in Township 25, Range 11 West, Section 23 at an elevation of 6495 feet above mean sea level. The well was drilled to a depth of 2650 feet. The producing interval for this well was listed at a depth of 2110-2635 feet, in the Cliff House Sandstone Formation. Another well was located approximately 4 miles from the site in Township 25, Range 10 West, Section 22, at an elevation of 6598 feet above mean sea level. The well was drilled to a depth of 637 feet, and the principal water bearing unit at this location is the Nacimiento Formation (approximately 300 feet below ground surface). Brown and Stone (1979) characterize the Nacimiento as "generally poor" with an average TDS of approximately 3700 ppm and depth of 200 feet or more below the station site.

The 100-year 24-hour precipitation event at a station 15 miles north of the site 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 is diverted around the facility into the natural drainage path.

#### References

<sup>1</sup>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.

<sup>2</sup>Records of Water Wells in San Juan County, 1978-1983.

## **XI FACILITY CLOSURE PLAN**

All reasonable and necessary measures will be taken to prevent the exceedence of WCQQ Section 3103 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 all 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 LOCATION MAP

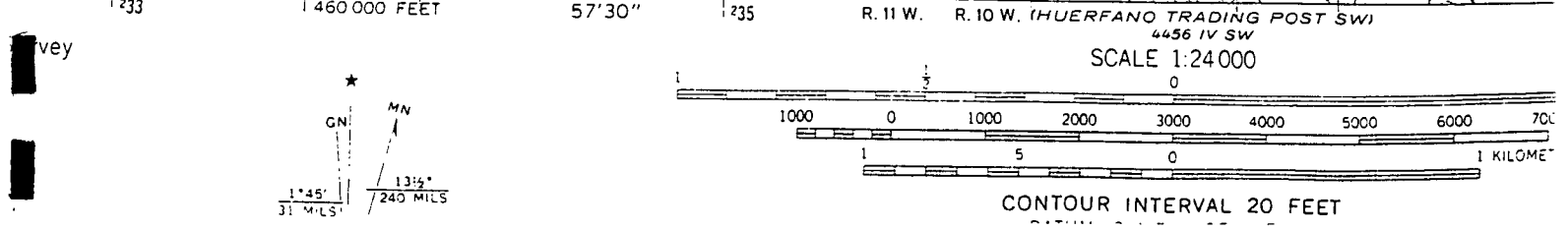
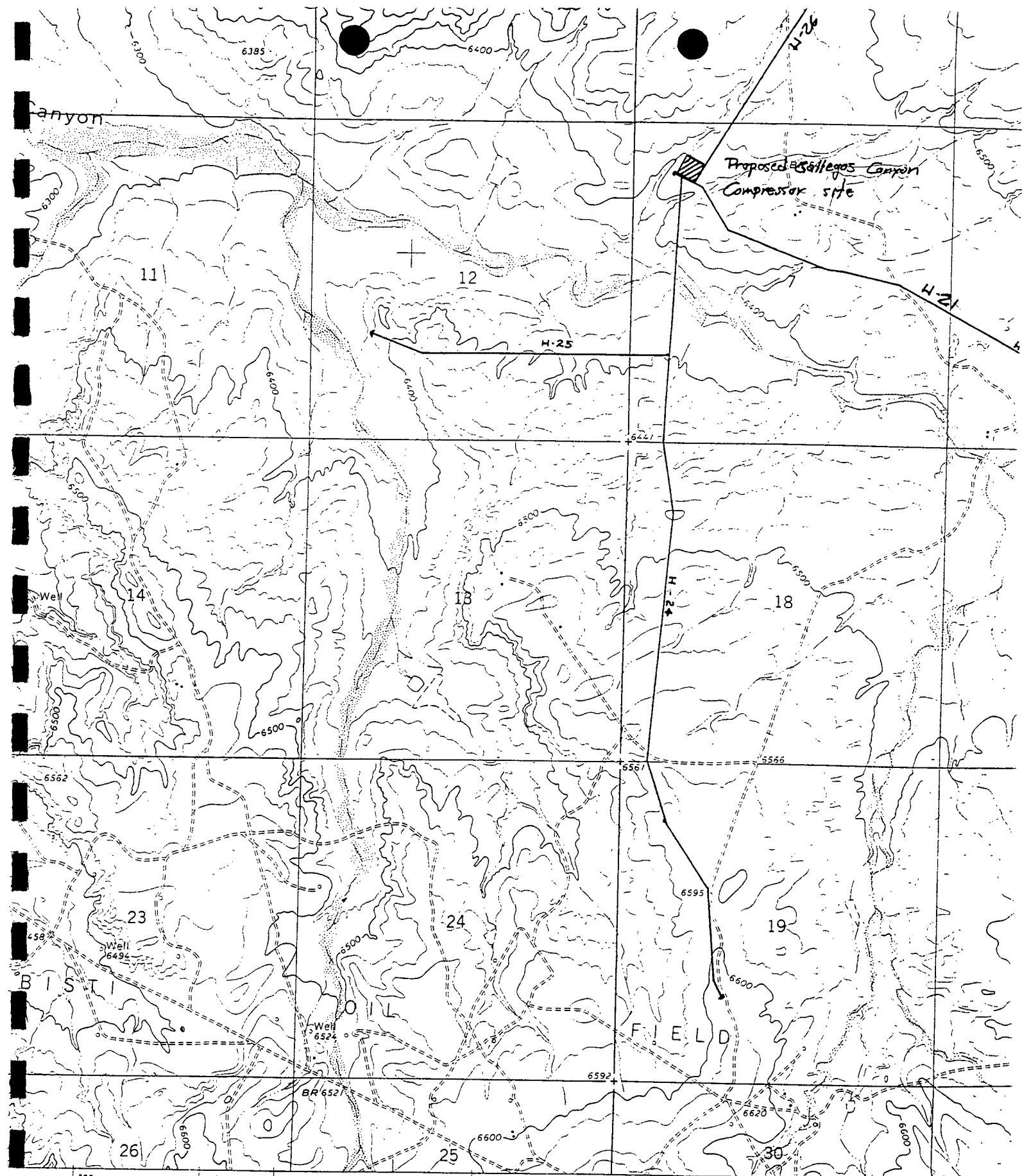
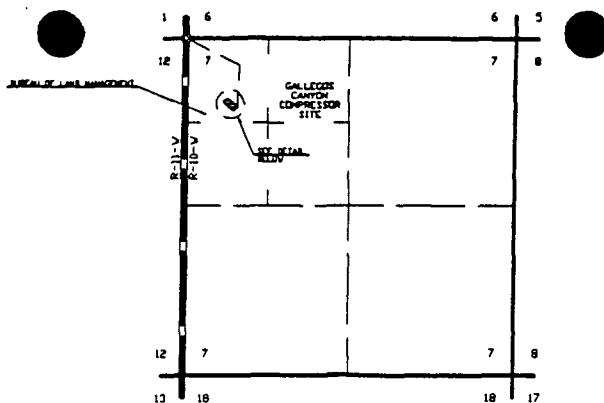
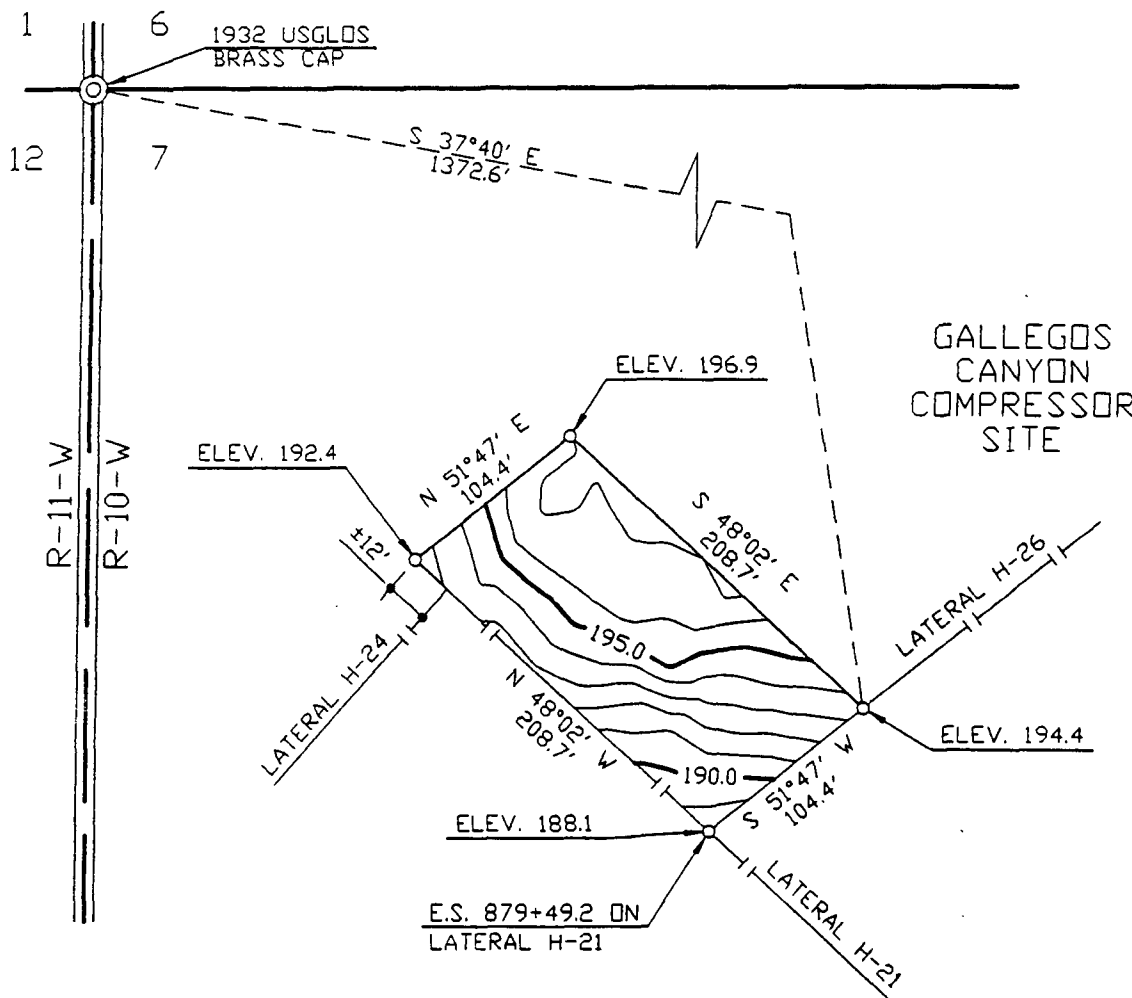


FIGURE 2  
SITE SURVEY PLAN

NOTE: BEARINGS ARE BASED ON ASTRONOMIC DATA.



VICINITY MAP  
SCALE: 1" = 3000'



GALLEGOS  
CANYON  
COMPRESSOR  
SITE

NOTE:

1. T.B.M. TOP OF WELLHEAD GRIGSBY FED. #1.
2. ASSUMED ELEV. 200.0'
3. TOTAL AREA = 21,788.3 SQ. FT. OR 0.500 ACRES.

DETAIL  
SCALE: 1" = 100'

WILLIAMS GAS PROCESSING  
ONE OF THE WILLIAMS COMPANIES

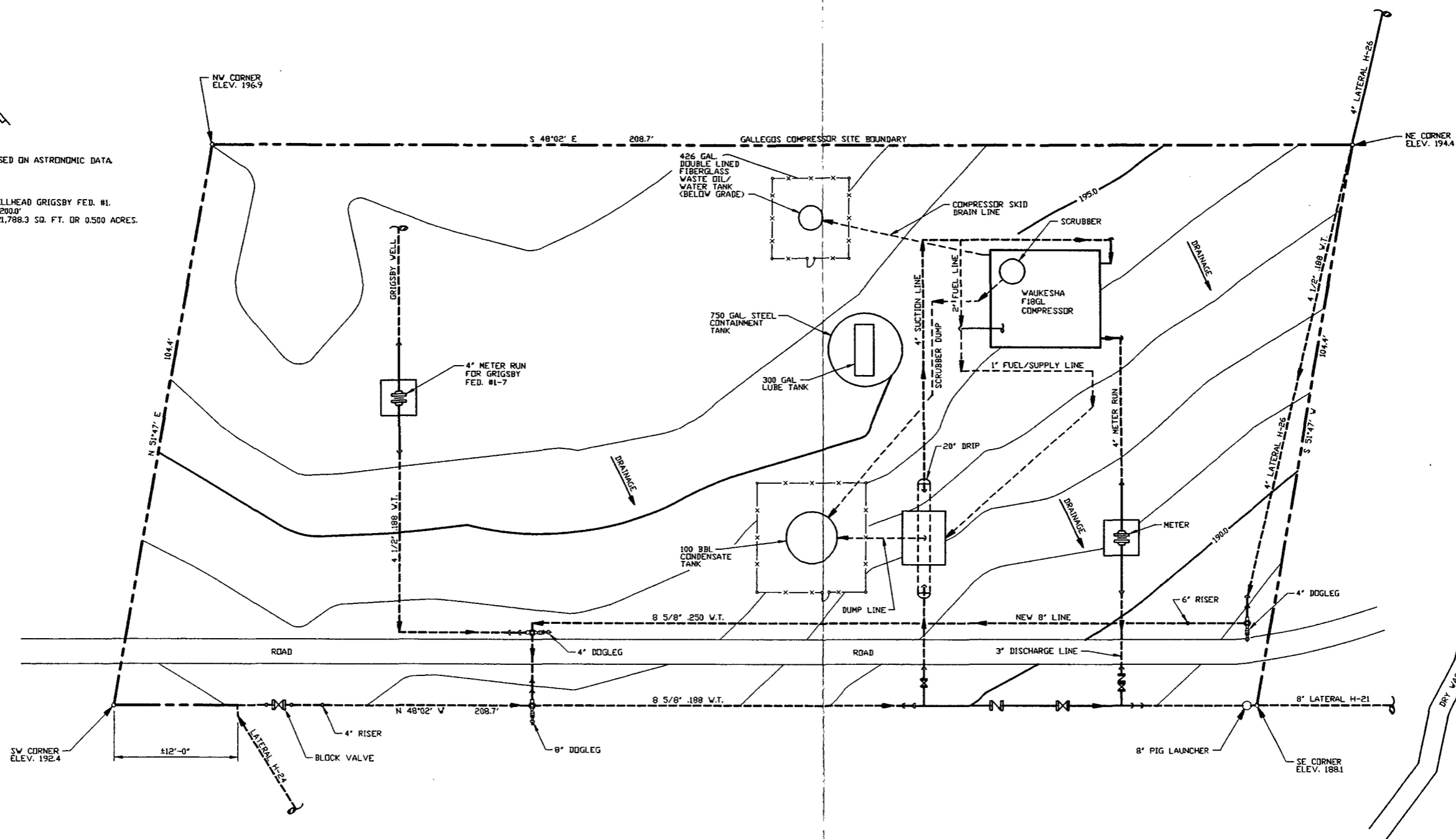
SAN JUAN GATHERING SYSTEM  
GALLEGOS CANYON COMPRESSOR SITE  
SEC. 7, T-25-N, R-10-W, NMPM  
SAN JUAN COUNTY, NEW MEXICO

1	7/13/94	CJF	ISSUED FOR REVIEW	APP	DRAWN BY: CJF	DATE: 7/13/94	CHKD BY: FAO	APPR:
NO	DATE	BY	REVISION	APP	SCALE: AS NOTED	W.D. NO: 11162	DWG NO: 765.9-X-48	

FIGURE 3  
FACILITY PLOT PLAN

NOTE:  
BEARINGS ARE BASED ON ASTRONOMIC DATA.

NOTE:  
1. T.B.M. TOP OF VELLHEAD GRIGSBY FED. #1.  
2. ASSUMED ELEV. 200.0'  
3. TOTAL AREA = 21,788.3 SQ. FT. OR 0.500 ACRES.

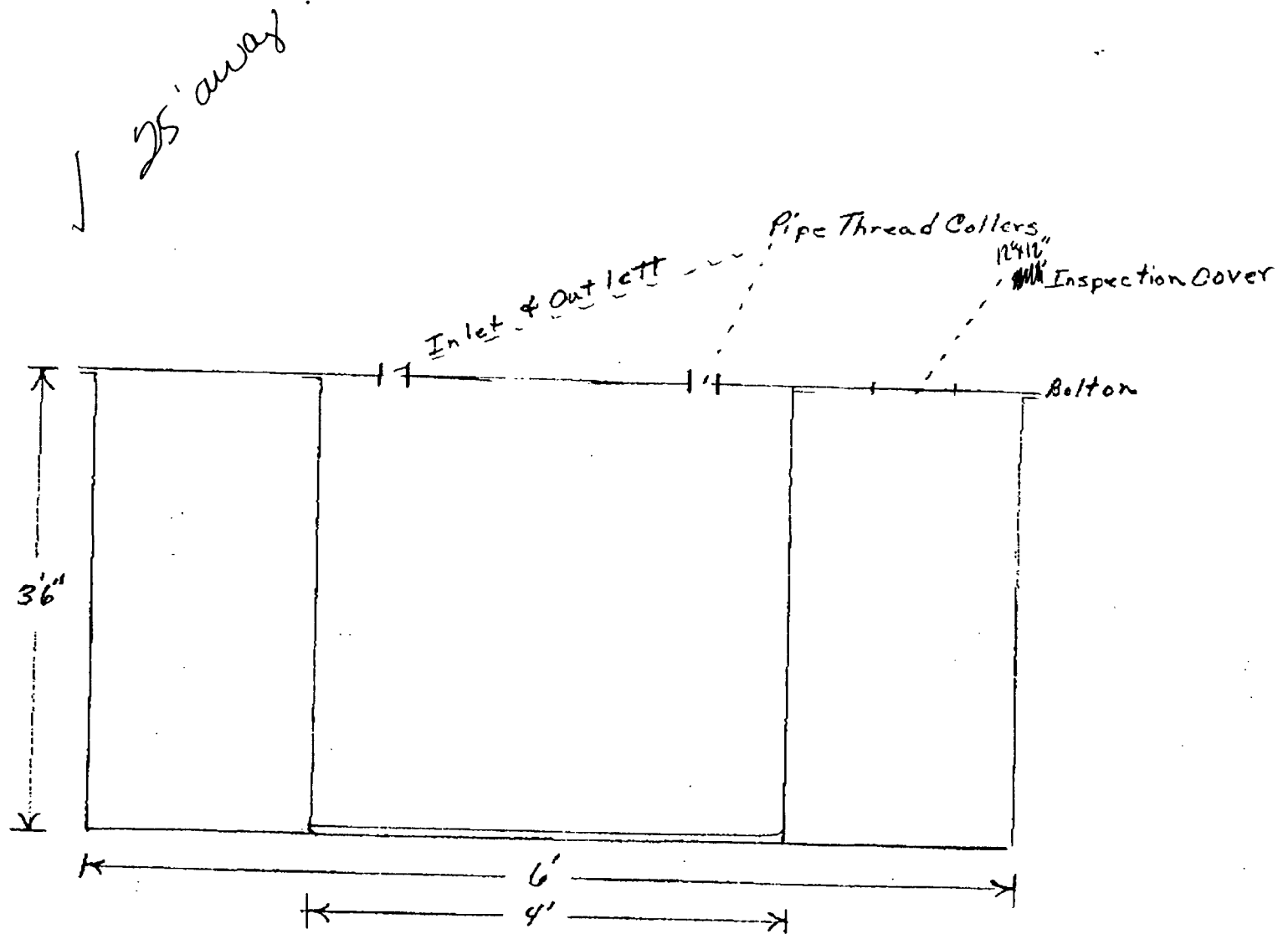


**PRELIMINARY**

										DRAFTING		BY	DATE	WILLIAMS GAS PROCESSING	
										CHECKED			05/17/97	ONE OF THE WILLIAMS COMPANIES	
										APPROVED					
										ENGINEERING		BY	DATE		
										PROJECT APPROVED					
										SCALE: 1"=10'		DWG. NO.		GAC-1-P1	
										REV.		02			

FIGURE 4

BELOW-GRADE WASTEWATER SUMP



Double line Fiberglass buried tank

Gallago Compressor Station  
Waste Oil Tank.

Quality Fiberglass

**APPENDIX A**  
**WASTE ANALYSIS**

Enseco Incorporated

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



ANALYTICAL RESULTS

FOR

NORTHWEST PIPELINE CORPORATION

ENSECO-RMAL NO. 024601

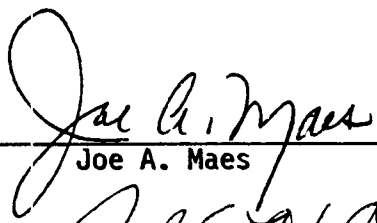

SEPTEMBER 21, 1992

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



SEPTEMBER 21, 1992

Reviewed by:

  
\_\_\_\_\_  
Joe A. Maes  
  
\_\_\_\_\_  
Joel E. Holtz

AMERICAN  
WESTANALYTICAL  
LABORATORIES**ORGANIC ANALYSIS REPORT**

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 &amp; Trap GC/MS)

Field Sample ID:

SAN JUAN AREA

CEDAR HILL #1

Lab Sample ID:

L23218-8

463 West 3600 South  
Salt Lake City, Utah  
84115**Analytical Results**

Units = mg/L (ppm)

**BTX/TPH-P**Compound:Detection  
Limit:Amount  
Detected:

Benzene

0.020

0.036

(801) 263-8686

Toluene

0.020

0.046

Fax (801) 263-8687

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

1 of 1



AMERICAN  
WEST  
ANALYTICAL  
LABORATORIES

## 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

463 West 3600 South  
Salt Lake City, Utah  
84115

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

	<u>Method Used:</u>	<u>Detection Limit: mg/L</u>	<u>Amount Detected: mg/L</u>
<b>TOTAL METALS</b>			
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: \_\_\_\_\_

*[Signature]*

Laboratory Supervisor

Report Date 8/2/95

1 of 1

## Introduction

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

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

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

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

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

## Sample Description Information

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

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

## Analytical Test Requests

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

SAMPLE DESCRIPTION INFORMATION  
for  
Northwest Pipeline Corporation

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

ANALYTICAL TEST REQUESTS  
for  
Northwest Pipeline Corporation

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

## Analytical Results

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

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

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

Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)



Method 8020

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

Sampled: 18 AUG 92  
Prepared: NA

Received: 19 AUG 92  
Analyzed: 22 AUG 92

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

ND = Not detected  
NA = Not applicable

Reported By: Steve Shurgot

Approved By: Stan Dunlavy

## Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX)



## Method 8020

Client Name: Northwest Pipeline Corporation

Client ID: TRIP BLANK

Lab ID: 024601-0003-TB

Matrix: AQUEOUS

Authorized: 19 AUG 92

Sampled: Unknown

Prepared: NA

Received: 19 AUG 92

Analyzed: 24 AUG 92

Parameter	Result	Units	Reporting Limit
Benzene	ND	ug/L	0.50
Toluene	ND	ug/L	0.50
Ethylbenzene	ND	ug/L	0.50
Xylenes (total)	ND	ug/L	0.50

## Surrogate

## Recovery

a,a,a-Trifluorotoluene

106

%

ND = Not detected  
NA = Not applicable

Reported By: Steve Shurgot

Approved By: Stan Dunlavy

# Metals

## Total Metals

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

Sampled: 18 AUG 92  
 Prepared: See Below

Received: 19 AUG 92  
 Analyzed: See Below

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

Note B : Compound is also detected in the blank.

ND = Not detected  
 NA = Not applicable

Reported By: Jeff Malecha

Approved By: Sandra Jones

## Metals

### Total Metals

Client Name: Northwest Pipeline Corporation

Client ID: WASTE OIL TANK CEDAR HILL

Lab ID: 024601-0002-SA

Matrix: WASTE

Authorized: 19 AUG 92

Sampled: 18 AUG 92

Prepared: See Below

Received: 19 AUG 92

Analyzed: See Below

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

ND = Not detected

NA = Not applicable

Reported By: Bob Reilly

Approved By: Sandra Jones

## General Inorganics



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

Sampled: 18 AUG 92  
Prepared: See Below

Received: 19 AUG 92  
Analyzed: See Below

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

ND = Not detected  
NA = Not applicable

Reported By: Pam Rosas

Approved By: Steve Shurgot

## General Inorganics



Client Name: Northwest Pipeline Corporation

Client ID: WASTE OIL TANK CEDAR HILL

Lab ID: 024601-0002-SA

Matrix: WASTE

Authorized: 19 AUG 92

Sampled: 18 AUG 92

Prepared: See Below

Received: 19 AUG 92

Analyzed: See Below

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

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

ND = Not detected

NA = Not applicable

Reported By: Leslie Gergurich

Approved By: Steve Shurgot

## Quality Control Report

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

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

The standard laboratory QC package is designed to:

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

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

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

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

Accuracy for DCS and SCS is measured by Percent Recovery.

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

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

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

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

**QC LOT ASSIGNMENT REPORT**  
**Organics by Chromatography**

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

**DUPLICATE CONTROL SAMPLE REPORT**  
**Organics by Chromatography**

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

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

**SINGLE CONTROL SAMPLE REPORT**  
**Organics by Chromatography**

Analyte	Concentration		Accuracy(%)	
	Spiked	Measured	SCS	Limits

Category: 602-A

Matrix: AQUEOUS

QC Lot: 18 AUG 92-1H QC Run: 22 AUG 92-1H

Concentration Units: ug/L

a,a,a-Trifluorotoluene	30.0	31.2	104	90-113
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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
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Calculations are performed before rounding to avoid round-off errors in calculated results.

**METHOD BLANK REPORT**  
**Organics by Chromatography**

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

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

**QC LOT ASSIGNMENT REPORT**  
**Metals Analysis and Preparation**

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

**DUPLICATE CONTROL SAMPLE REPORT**  
**Metals Analysis and Preparation**

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

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

Arsenic	0.03	0.0329	0.0348	0.0338	113	75-125	5.6	20
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Category: PB-FAA-AT  
 Matrix: AQUEOUS  
 QC Lot: 10 SEP 92-1A  
 Concentration Units: mg/L

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

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

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

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

Mercury	0.0010	0.000967	0.00100	0.000983	98	75-125	3.4	20
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Category: AS-FAA-S  
Matrix: SOIL  
QC Lot: 11 SEP 92-1A  
Concentration Units: mg/kg

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

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

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

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

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

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

METHOD BLANK REPORT  
Metals Analysis and Preparation

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

METHOD BLANK REPORT  
Metals Analysis and Preparation (cont.)

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

QC LOT ASSIGNMENT REPORT  
Wet Chemistry Analysis and Preparation

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

**DUPLICATE CONTROL SAMPLE REPORT**  
**Wet Chemistry Analysis and Preparation**

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

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

METHOD BLANK REPORT  
Wet Chemistry Analysis and Preparation

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



# Appendix



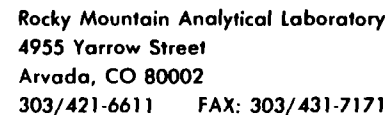
Rocky Mountain Analytical Laboratory  
4955 Yarrow Street  
Arvada, CO 80002  
303/421-6611 FAX: 303/431-7171

## CHAIN OF CUSTODY

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

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

<b>CUSTODY TRANSFERS PRIOR TO SHIPPING</b>				<b>SHIPPING DETAILS</b>	
RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME	DELIVERED TO SHIPPER BY	
Vern Rothberg	Frank Gellera	8/18/92	2:07	METHOD OF SHIPMENT	
				AIRBILL NUMBER	
				RECEIVED FOR LAB	SIGNED
				ENSECO PROJECT NUMBER	DATE/TIME
				24601	0845 8/19/92



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 <input type="checkbox"/> Done <input type="checkbox"/> Continuing Until	
TEAM LEADER	SEAL INTACT UPON RECEIPT BY LAB. <input type="checkbox"/> Yes <input type="checkbox"/> No		CONTENTS TEMPERATURE UPON RECEIPT BY LAB. °C

[illegible]

CUSTODY TRANSFERS PRIOR TO SHIPPING				SHIPPING DETAILS		
RELINQUISHED BY (SIGNED)	RECEIVED BY (SIGNED)	DATE	TIME	DELIVERED TO SHIPPER BY		
				METHOD OF SHIPMENT		AIRBILL NUMBER
				RECEIVED FOR LAB P. 177AL	SIGNED <i>[Signature]</i>	DATE/TIME 8/19/92
				ENSECO PROJECT NUMBER 24601		

**APPENDIX B**

**SPILL CONTROL PROCEDURES**

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

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

Subject of Title

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

**A. PURPOSE AND SCOPE**

- A.1** To establish the policy and procedure for preventing, controlling, and reporting of spills or discharges of oil or hazardous substances to the environment in accordance with Company practices and federal, state, and local requirements, including Title 40 of the Code of Federal Regulations - Part 112 (Oil Pollution Prevention).
- A.2** This document pertains to Company personnel and Company and non-company facilities. The spill prevention and control requirements in this Policy and Procedure are Federally mandated guidelines for oil pollution prevention. The Company policy is to also apply these standards, where appropriate, to facilities containing hazardous substances. This is a discretionary application of the standards; however, variations from the standards should be approved by the responsible Director.

**B. CONTENTS**

**C. POLICY**

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

**D. PROCEDURE**

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

ATTACHMENT A: Discharge or Spill Containment Procedures and Materials

**C. POLICY**

**C.1 GENERAL**

- C.1.1** All Company facilities which could discharge or spill oil or hazardous substances which may affect natural resources or present an imminent and substantial danger to the public health or welfare including, but not limited to fish, shellfish, wildlife, shorelines, and beaches are subject to the provisions of this document.
- C.1.2** Hazardous Substance, for purposes of this procedure, is defined as any chemical or material that has or should have a Material Safety Data Sheet (MSDS); however, hazardous substances are further defined by the following environmental statutes:
- a. Section 101 (N) and Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
  - b. Section 307(a) and Section 311 (b)(2)(A) of the Clean Water Act
  - c. Section 3001 of the Solid Waste Act (excluding items suspended by Congress)
  - d. Section 112 of the Clean Air Act
  - e. Section 7 of the Toxic Substance Control Act

Supersedes Policy and Procedure 12.10.020 dated July 7, 1989.

Approval (Page 1 Only)

Approval (Page 1 Only)

Approval (Page 1 Only)

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

# OPERATIONS

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

- C.1.3 The term hazardous substance does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
- C.1.4 Oil, for the purpose of this document, means oil of any kind or in any form, including but not limited to petroleum, fuel oil, Y grade, mixed products, sludge, oil refuse, and oil mixed with wastes other than dredged spoil (earth and rock). LPG (propane, butane, ethane) are not considered to be oil.
- C.1.5 Facilities which could discharge or spill oil or hazardous substances into a watercourse must comply with the required federal, state, or local laws and regulations. A discharge includes but is not limited to any spilling, leaking, pumping, pouring, emitting, emptying, or dumping. A watercourse is any perennial or intermittent river, stream, gully, wash, lake, or standing body of water capable of collecting or transporting an oil or hazardous substance.
- C.1.6 Facilities which are subject to the requirements stated in this policy are as follows:
- a. Non-Transportation Related Facilities
    - (1) Storage or drip tanks and other aboveground containers (excluding pressurized or inline process vessels) having a capacity in excess of 660 gallons for each single container or an aggregate capacity of 1,321 gallons or more for multiple containers.
    - (2) Underground storage facilities having a total capacity in excess of 42,000 gallons.
  - b. Transportation Related Facilities
    - (1) All vehicles, pipeline facilities, loading/unloading facilities, and other mobile facilities which transport oil or hazardous substances.
- C.1.7 Each Company location which has facilities subject to paragraph C.1.1 shall have a site specific Spill Prevention Control and Countermeasure Plan (SPCC Plan) which identifies all facilities subject to 40 CFR 112. The plan shall identify all hazardous substance storage vessels at the facility and the spill prevention measures in place to control discharges or spills. This plan shall also identify all regulatory agencies that must be notified in case of a spill.
- C.1.8 The facility supervisor is responsible for spill prevention. His/her duties include, but are not limited to, the following:
- a. Instructing personnel in the operation and maintenance of equipment to prevent the discharge of oil.
  - b. Conduct briefings for operating personnel at intervals frequent enough to assure adequate understanding of the Spill Plan at that facility.
  - c. Briefings should highlight and describe known discharges or spills, and recently developed precautionary measures.
- C.1.9 Each individual facility is checked by the supervisor or designee to determine the potential for discharges or spills of oil or hazardous substances in harmful quantities that violate water quality standards or which may cause a film, sheen, or discoloration on the surface of water. All facilities which have the potential for discharging or spilling harmful quantities of oil or hazardous substances into a watercourse are required to have the following preventive measures:
- a. Examination of all tanks, valves and fittings, at least annually, to determine any maintenance requirements.

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

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

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

C.2 BULK STORAGE TANKS

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

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

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

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

C.3 FACILITY DRAINAGE

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

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

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

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

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

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

# OPERATIONS

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

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

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

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

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

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

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

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

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

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

D. PROCEDURE

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

Any Employee

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

NOTE: Refer to Attachment A for containment procedures.

Facility Supervisor

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

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

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## Gas Control Personnel

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

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

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

## Facility Supervisor

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

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

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

## Environmental Services

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

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

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

## D.2 SUBMITTING WRITTEN NOTIFICATION OF A DISCHARGE OR SPILL

### Facility Supervisor

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

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

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

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

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## ATTACHMENT A

### Discharge or Spill Containment Procedures and Materials

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

**APPENDIX C**

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

District I - (505) 393-6161  
P. O. Box 1940  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 South First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131

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

Form C- 14i  
Originated 2/13/97

Submit 2 copies to  
Appropriate District  
Office in accordance  
with Rule 116

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name	Contact
Address	Telephone No.
Facility Name	Facility Type

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

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

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Describe Area Affected and Cleanup Action Taken.\*

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).\*

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
Signature:

Printed Name:

Title:

Date:

Phone:

OIL CONSERVATION DIVISION

Approved by  
District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary

## EXHIBIT A

### 116 RELEASE NOTIFICATION AND CORRECTIVE ACTION

#### 116.A. NOTIFICATION

(1) The Division shall be notified of any unauthorized release occurring during the drilling, producing, storing, disposing, injecting, transporting, servicing or processing of crude oil, natural gases, produced water, condensate or oil field waste including regulated NORM, or other oil field related chemicals, contaminants or mixture thereof, in the State of New Mexico in accordance with the requirements of this Rule. [1-1-50... - 97.]

(2) The Division shall be notified in accordance with this Rule with respect to any release from any facility of oil or other water contaminant, in such quantity as may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [ - 97.]

116.B. REPORTING REQUIREMENTS: Notification of the above releases shall be made by the person operating or controlling either the release or the location of the release in accordance with the following requirements:

(1) A Major Release shall be reported by giving both immediate verbal notice and timely written notice pursuant to Paragraphs C(1) and C(2) of this Rule. A Major Release is:

- (a) an unauthorized release of a volume, excluding natural gases, in excess of 25 barrels;
- (b) an authorized release of any volume which:
  - (i) results in a fire;
  - (ii) will reach a water course;
  - (iii) may with reasonable probability endanger public health; or
  - (iv) results in substantial damage to property or the environment;
- (c) an unauthorized release of natural gases in excess of 500 mcf; or
- (d) a release of any volume which may with reasonable probability be detrimental to water or cause an exceedance of the standards in 19 NMAC 15.A.19. B(1), B(2) or B(3). [ - 97.]

(2) A Minor Release shall be reported by giving timely written notice pursuant to Paragraph C(2) of this Rule. A Minor Release is an unauthorized release of a volume, greater than 5 barrels but not more than 25 barrels; or greater than 50 mcf but less than 500 mcf of natural gases. [ - 97.]

#### 116.C. CONTENTS OF NOTIFICATION:

(1) Immediate verbal notification required pursuant to Paragraph B shall be reported within twenty-four (24) hours of discovery to the Division District Office for the area within which the release takes place. In addition, immediate verbal notification pursuant to Subparagraph B.(1).(d). shall be reported to the Division's Environmental Bureau Chief. This notification shall provide the information required on Division Form C-141. [5-22-73... - 97.]

(2) Timely written notification is required to be reported pursuant to Paragraph B within fifteen (15) days to the Division District Office for the area within which the release takes place by completing and filing Division Form C-141. In addition, timely written notification required pursuant to Subparagraph B.(1).(d). shall also be reported to the Division's Environmental Bureau Chief within fifteen (15) days after the release is discovered. The written notification shall verify the prior verbal notification and provide any appropriate additions or corrections to the information contained in the prior verbal notification. [5-22-73... - 97.]

116.D. CORRECTIVE ACTION: The responsible person must complete Division approved corrective action for releases which endanger public health or the environment. Releases will be addressed in accordance with a remediation plan submitted to and approved by the Division or with an abatement plan submitted in accordance with Rule 19 (19 NMAC 15.A.19). [ - 97.]

1995 OCT 27 PM 1:25

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

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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

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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

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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]



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

January 15, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-288-259-006**

Ms. Ingrid Deklau  
Williams Field Services  
295 Chipeta Way  
P.O. Box 58900  
Salt Lake City, Utah 84158-0900

**RE: Discharge without an Approved Discharge Plan  
San Juan County, New Mexico**

Dear Ms. Deklau:

The New Mexico Oil Conservation Division has received the request dated January 8, 1998 for an extension to discharge without an approved discharge plan at the following facilities:

Rosa #1 Compressor Station located along the border of the SE/4 NE/4 of Section 7 and the SW/4 NW/4 of Section 8, Township 31 North, Range 6 West, San Juan County, New Mexico

Gallegos Compressor Station located in the NW/4 NW/4 of Section 7, Township 25 North, Range 10 West, San Juan County, New Mexico

Pursuant to Water Quality Control Commission Regulation 3106.B, and for good cause shown, an extension to discharge without an approved discharge plan until May 15, 1998 is **hereby approved.**

Please be advised this extension does not relieve Williams Field Services of liability should the operation of the facility result in pollution of surface waters, ground waters or the environment.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roger C. Anderson".

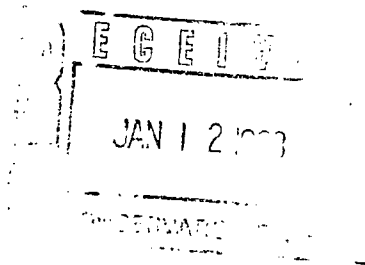
Roger C. Anderson  
Environmental Bureau Chief

RCA/mwa  
xc: OCD Aztec Office



**FIELD SERVICES**

January 8, 1998



Mr. Mark Ashley  
NMOCD  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Re: Request for Authorization to Operate Rosa #1 and Gallegos Compressor Stations

Dear Mr. Ashley,

Pursuant to New Mexico Water Quality Control Commission Regulation 3-106B, Williams Field Services (WFS) requests authorization to operate the Rosa #1 and the Gallegos Compressor Stations while the New Mexico Oil Conservation Division is reviewing the Discharge Plan. These Discharge Plans are currently under development and are expected to be submitted within the next few weeks. Effluents from both of these sites include natural gas condensate (produced water), wash-down water, oil filters, and used oil, in quantities and design similar to other WFS sites of comparable size.

The Rosa #1 Compressor Station is located along the border of the SE/4 NE/4 of Section 7 and the SW/4 NW/4 Section 8, Township 31 North, Range 6 West in San Juan County, New Mexico. There is one 1372 horsepower Waukesha 7042GL engine operating at the site. The site for this compressor station is 1.43 acres.

The Gallegos Compressor Station is located in the NW/4 NW/4 of Section 7, Township 25 North, Range 10 West in San Juan County, New Mexico. There is one F18GL Waukesha natural gas reciprocating engine site-rated at 335 horsepower. The site for this compressor station is 0.5 acres.

Please call me at 801-584-6543 if you have any questions or comments pertaining to this request.

Best Regards,

Ingrid Deklau  
Environmental Specialist