

GW - 161

**GENERAL
CORRESPONDENCE**

YEAR(S):
1993 - 2004

AFFIDAVIT OF PUBLICATION

Ad No. 50560

STATE OF NEW MEXICO
County of San Juan:

CONNIE PRUITT, being duly sworn says:
That she is the CLASSIFIED MANAGER of
THE DAILY TIMES, a daily newspaper of
general circulation published in English at
Farmington, said county and state, and that
the hereto attached Legal Notice was
published in a regular and entire issue of the
said DAILY TIMES, a daily newspaper duly
qualified for the purpose within the meaning of
Chapter 167 of the 1937 Session Laws of the
State of New Mexico for publication and
appeared in the Internet at The Daily Times
web site on the following day(s):

Wednesday, October 6, 2004.

And the cost of the publication is \$143.61.

Connie Pruitt

ON 10-7-04 CONNIE PRUITT
appeared before me, whom I know personally
to be the person who signed the above
document.

Sunny Beck

My Commission Expires April 2, 2008.

COPY OF PUBLICATION

NOTICE OF PUBLICATION

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

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

(GW-049) - El Paso Natural Gas Co., Mr. Richard Duarte, 3801 Arisco Blvd. NW, Albuquerque, NM. 87120, has submitted a renewal application for their "A" Blanco Plant facility located in the NE/4 NE/4 of Section 23, Township 27 West, Range 13 North, NMPM, San Juan County, New Mexico. A small amount of engine wash-down water and storm water runoff is discharged to the City of Bloomfield publicly owned treatment works. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 14 to 39 feet. The discharge plan addresses how spill, leaks, and other accidental discharges to the surface will be managed.

(GW-317) - El Paso Field Services, David Bays, 614 Reilly Ave., Farmington, NM. 87401, has submitted a renewal application for the Rattlesnake Canyon Gas Plant, located in the NE/4 of Section 16, Township 32 North, Range 9 West, NMPM, San Juan County, New Mexico. Approximately 375 barrels per month of produced water with a dissolved solids concentration ranging from 10,000 to 15,000 mg/L is collected in closed steel tanks prior to transport to an OCD-approved disposal facility. Approximately 10 barrels per year of wastewater from equipment washdown are collected in a double-walled underground sump prior to transport to an OCD-approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 75 feet with a total dissolved solids concentration ranging from 48 mg/L to 52 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-049-2) - El Paso Field Services, David Bays, 614 Reilly Ave., Farmington, NM. 87401, has submitted a discharge permit application for the Blanco C and D Compressor Station, located in the N/2 N/2 of Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 9,500 barrels per month of crude oil and natural gas condensate are collected in closed-top steel tanks until sale to the Giant Refinery near Bloomfield, NM. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 15 to 40 feet. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-182) - Williams Field Services, Michael K. Lane, (505) 632-4625, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for the Navajo CDP Compressor Station located in the NE/4 NW/4 of Section 2, Township 30 North, Range 8 West, NMPM, San Juan County, New Mexico. After oil/water separation, approximately 42 gallons per day of process waste water with a total dissolved solids concentration in excess of 2000 mg/l is stored in an above ground, closed-top steel tank prior to transport to an OCD approved off-site disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of 20 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-047) - Williams Field Services, Mark K. Lane, (505) 632-4625, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for the Lybrook Natural Gas Processing Plant located in the N/2 NW/4 of Section 14, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. After oil/water separation, approximately 3000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 7500 mg/l is disposed of in clay lined evaporation ponds. Groundwater most likely to be affected in the event of an accidental discharge is at a depth ranging from 180 to 200 feet with a total dissolved solids concentration of approximately 700 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-161) - Williams Production Company, LLC (formerly J. M. Huber Corporation), 999 Goddard Avenue, Ignacio, Colorado 81137 has submitted a renewal application for their ROSA COMPRESSOR STATION located in the SW/4 SE/4 of Section 26, Township 31 North, Range 4 West, Rio Arriba County, New Mexico. Approximately 9 gallons per day of wastewater with a dissolved solids concentration of 1,500 mg/l is collected in a 400 barrel closed fiberglass tank prior to transport off-site to an OCD approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge at the surface is at a depth greater than 20 feet with a total dissolved solids concentration ranging from 2000 mg/l to 10000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

A hearing will be held if the director determines that there is significant public interest.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 30th day of September 2004.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

JOANNA PRUKOP, Acting Director

Legal No. 50560 published in The Daily Times, Farmington, New Mexico on Wednesday, October 6, 2004.

THE SANTA FE
NEW MEXICAN
Founded 1849

RECEIVED

OCT 12 2004

OIL CONSERVATION
DIVISION

NM OIL CONSERVATION DIV.
1220 ST. FRANCIS DR
Attn: Ed Martin
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00089513 ACCOUNT: 00002212
LEGAL NO: 75034 P.O. #: 05-199-050185
461 LINES 1 TIME(S) 315.04
AFFIDAVIT: 5.50
TAX: 21.44
TOTAL: 341.98

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B. Perner, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 75034 a copy of which is hereto attached was published in said newspaper 1 day(s) between 10/06/2004 and 10/06/2004 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 6th day of October, 2004 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ B. Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 6th day of October, 2004

Notary Laura E. Harding
Commission Expires: 11/23/07

NOTICE OF PUBLICATION

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

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dental discharge is at a depth of approximately 75 feet with a total dissolved solids concentration ranging from 48 mg/L to 52 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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(GW-047) - Williams Field Services, Mark K. Lane, (505) 632-4625, 188 CR 4900, Bloomfield, New Mexico 87413, has submitted a discharge plan renewal application for the Lybrook Natural Gas Processing Plant located in the N/2 NW/4 of Section 14, Township 23 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. After oil/water separation, approximately 3000 gallons per day of process wastewater with a total dissolved solids concentration of approximately 7500 mg/L is disposed of in clay lined evaporation ponds. Groundwater most likely to be affected in the event of an accidental discharge is at a depth ranging from 180 to 200 feet with a total dissolved solids concentration of approximately 700 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-161) - Williams Production Company, LLC (formerly J. M. Huber Corporation), 999 Goddard Avenue, Ignacio, Colorado 81137 has submitted a renewal application for their ROSA COMPRESSOR STATION located in the SW/4

SE/4 of Section 26, Township 31 North, Range 4 West, Rio Arriba County, New Mexico. Approximately 9 gallons per day of wastewater with a dissolved solids concentration of 1,500 mg/L is collected in a 400 barrel closed fiberglass tank prior to transport off-site to an OCD approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge at the surface is at a depth greater than 20 feet with a total dissolved solids concentration ranging from 2000 mg/L to 10000 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-008) - El Paso Natural Gas, Robert H. St. John, 3300 North "A" Building Two, Suite 200, Midland, TX 79705, has submitted a discharge permit renewal application for the Monument Compressor Station, located in the NW/4 of Section 1, Township 20 South, Range 36 East, NMPM, Lea County, New Mexico. Approximately 9,600 gallons per day of processed wastewater with total dissolved solids concentration of 3,500 mg/L is stored in steel tanks prior to transport for disposal in an OCD-approved Class II injection well. Groundwater most likely to be affected in the event of an accidental discharge at the surface is at a depth of approximately 35 feet with a total dissolved solids concentration of approximately 500 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-144) - Duke Energy Field Services, LP, Mr. Greg Kardos, (505) 628-0282, 3300 N. A Street, Building 7, Midland, Texas 79705, has submitted a discharge renewal application for the West (a.k.a. Westall) Compressor Station located in the SW/4 NW/4 of Section 35, Township 22 South, Range 28 East, NMPM, Eddy County, New Mexico. Duke Energy Field Services, LP certifies that no liquid or solid wastes generated on site are discharged so that they may move directly or indirectly into fresh waters. Any liquid wastes are collected and stored in containers prior to transport offsite to an OCD approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 16 feet with a total dissolved solids concentration of approximately 7,843 mg/L. The discharge permit addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-048) - Davis Gas Processing Company, Donald K. Judd, Agent, (432) 682-6311, 211 North Colorado Street, Midland, Texas 79701-4696, has submitted a discharge renewal application for the Denton Gas Plant located in the SE/4 of Section 2, Township 15 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 750 gallons per day of process waste water with a total dissolved solids concentration of approximately 2000 mg/L will be collected and stored on site in closed storage tanks prior to disposal in an OCD approved con-

tract injection Class II well. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 40 feet with a total dissolved solids concentration ranging from 610 to 1600 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 30th day of September 2004.

**STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION**

SEAL

JOANNA PRUKOP,
Acting Director
Legal #75034
Pub. October 6, 2004

Ford, Jack

From: Ford, Jack
Sent: Wednesday, September 22, 2004 1:36 PM
To: Martin, Ed
Subject: for Publication

Tracking: Recipient Read

Martin, Ed Read: 9/22/2004 2:44 PM

GW-161, Rio Arriba Co., needs to be published

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

Telephone: (505) 476-3489

Letterhead Created By Marketing247.com
Patent Pending

9/23/2004



September 14, 2004

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SEP 16 2004

OIL CONSERVATION
DIVISION

Mr. Jack Ford
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: transfer of discharge permit for Rosa CDP

Mr. Ford:

Williams Production Company, LLC. (Williams) recently acquired the Rosa CDP located in Section 26 of Township 31N Range 4W in Rio Arriba County. JM Huber Corporation (Huber) was the previous owner/operator of this facility. On June 10, 2004 Huber submitted to your office an application for renewal of a discharge plan associated with this facility. Williams would like to continue to operate under this discharge plan. However, there are a few minor changes that need to be incorporated into the plan. First the owner/operator needs to be changed to reflect that Williams is now fulfilling that role. The owner/operator information should read:

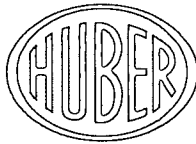
Williams Production Company, LLC.
999 Goddard Ave
Ignacio, CO 81137
970-5630-3303

Also, under facility components, both the Ajax 280 compressor engine and the Caterpillar 3306 generator have been removed from the facility. The facility components section also lists two 400-barrel condensate tanks. This should be changed to two 500-barrel water tanks. This location does not produce condensate. All of these changes were made before Williams assumed operations.

Please respond to Williams, in writing, when the transfer of this discharge plan has been approved and is complete. If additional information is required, please contact me at (918) 573-5314.

Thank you,

Olivia McNamara
EH&S Specialist
Williams Energy



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RECEIVED

AUG 09 2004

OIL CONSERVATION
DIVISION

ENERGY

J.M. Huber Corporation

1050 17th St., Ste. 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dvjrc@huber.com
www.huber.com

August 4, 2004

New Mexico Energy, Minerals and Natural Resources Department
State of New Mexico – Oil Conservation Division
Mr. Jack Ford
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Change of Ownership
Rosa Compressor Station, GW-161
Rio Arriba County, New Mexico

Dear Mr. Ford,

Effective August 4, 2004, J. M. Huber Corporation transferred ownership of the Rosa Compressor Station (Discharge Plan No. GW-161 originally filed by Duke Energy Field Services, Inc.). Please accept this letter of Transfer of Ownership from J. M. Huber Corporation to Williams Production Company, LLC.

Robert F. Unger
Sr. Vice President
J.M. Huber Corporation

Best regards,
J. M. Huber Corporation

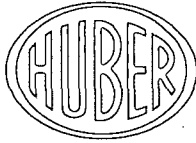
Jevin Croteau
Regulatory Compliance Specialist

Cc: OCD - District III Office, 1000 Rio Brazos Rd, Aztec, NM 87410



Williams Production Company, LLC

Jeff Schumbl, Director,
Acquisition & Divestitures



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JUN 14 2004

OIL CONSERVATION
DIVISION

ENERGY

J.M. Huber Corporation

1050 17th St., Ste. 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dv_cpjrc@huber.com
www.huber.com

June 10, 2004

Attn: Jack Ford
State of New Mexico
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: Rosa Compressor Station Discharge Plan Application

Dear Mr. Ford:

Enclosed please find J.M. Huber Corporation's Discharge Plan Application for renewal for our Rosa Compressor Station (GW-161) and Huber's Check No. 7500003725 for \$500.00 to cover the discharge plan permit and filing fee.

If you have any question or need any additional information, please feel free to call me at the number above.

Best regards,
J. M. Huber Corporation

Jevin Croteau
Regulatory Compliance Specialist

Cc: OCD - District III Office, 1000 Rio Brazos Rd, Aztec, NM 87410

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 6/8/04,
or cash received on _____ in the amount of \$ 500-

from J. M. Huber

for Rosa C.S.

GW-161

Submitted by: [Signature] Date: 6-14-04 (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 _____

THE FACE OF THIS CHECK HAS A SECURITY VOID BACKGROUND PATTERN - DO NOT CASH IF THE WORD VOID IS VISIBLE

CHECK NO. [REDACTED]

J.M. HUBER CORPORATION
Energy Sector
11451 Katy Freeway
Suite 400
Houston TX 77079

MO.	DAY	YR.	AMOUNT
06	08	04	\$500.00

PAY TO THE ORDER OF: Five Hundred Dollars and No/100th

Water Quality Management Fund
New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1720 South St. Francis Drive
Santa Fe, NM 87505

CITIBANK
New Castle, DE 19720

BY: [Signature] AUTHORIZED SIGNATURE

MP

ORIGINAL CHECK HAS AN ADDITIONAL WATERMARK ON REVERSE SIDE - LIFT IT AT AN ANGLE TO VIEW

J.M. HUBER CORPORATION Energy Sector 11451 Katy Freeway • Suite 400 • Houston, TX 77070

CHECK NO.

6/8/04

Discharge Plan Permit and Filing Fee

\$500.00

EDWARDS ENERGY FIELD SERVICES, LLC

1401 17TH STREET / SUITE 1400
DENVER, COLORADO 80202
303/298-1400 FAX 303/298-0757

February 28, 2002

Mr. Jack Ford
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Transfer of Ownership of the Edwards Energy Field Services LLC ("EEFS")
Rosa Compressor Station to J.M. Huber Corporation

Dear Mr. Ford:

Effective May 1, 2000, J.M. Huber Corporation became the operator of the Rosa Compressor Station (Discharge Plan No. GW-161). EEFS has relinquished all responsibility of the facility and therefore, requests that the discharge plan be transferred to J.M. Huber Corporation. The contact name and address at J.M. Huber Corporation is as follows:

Attention: ~~Ms. Judith Walter~~ *Kevin Croft*
J.M. Huber Corporation
1050-17th Street
Suite 700
Denver, Colorado 80265
303/825-7900

If you have any questions regarding this matter, please do not hesitate to call me.

Very truly yours,



J. Keith Edwards
President

JKE:alf



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

December 6, 2001

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO. 3929 6955

Mr. J. Scott Zimmerman
J.M. Huber Corporation
1050 17th Street, Suite 700
Denver, Colorado 80265

RE: Change of Ownership
Rosa Compressor Station, GW-161
Rio Arriba County, New Mexico

Dear Mr. Zimmerman:

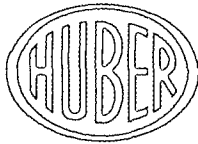
The New Mexico Oil Conservation Division (OCD) has been notified by J. M. Huber Corporation that a change of ownership has occurred involving the above captioned facility. A review of the information provided with the notification of change of ownership included several minor modifications to the renewal discharge plan approved September 15, 1999. Please be advised that the change of ownership and minor modifications are **hereby approved**. The J.M. Huber Corporation will abide by the terms and conditions of the approved Discharge Plan (GW-161) affecting the operation of this facility. All required fees have been previously paid.

If you have any questions contact me at (505) 827-7156.

Sincerely,

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

cc: OCD Aztec District Office



ENERGY

A FAMILY OF SOLUTIONS

J.M. Huber Corporation

December 3, 2001

1050 17th St., Ste. 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dv_cpjaw@huber.co
www.huber.com

CERTIFIED MAIL
RETURN RECEIPT NO. 7000 1670 0011 3736 4187

RECEIVED

DEC 06 2001

Environmental Bureau
Oil Conservation Division

New Mexico Energy, Minerals and Natural Resources Department
State of New Mexico – Oil Conservation Division
Mr. Jack Ford
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Change of Ownership
Rosa Compressor Station, GW-161
Rio Arribi County, New Mexico

Dear Mr. Ford,

Effective May 1, 2000, J. M. Huber Corporation became the owner of the Rosa Compressor Station (Discharge Plan No. GW-161 originally filed by Duke Energy Field Services, Inc.). We have reviewed and made some modification to update the discharge plan. Please except this letter of Transfer of Ownership from Edwards Energy Field Services, LLC to J. M. Huber Corporation.

J. M. Huber Corporation assumes responsibility of operating the Rosa Compressor Station and will abide by the terms and conditions of the discharge plan that covers operations of the station.

Sincerely yours,

J. Scott Zimmerman
Vice President – Coalbed Methane Business Unit

JSZ:jaw

Xc: Edwards Energy Field Services, LLC, 1401 17th St., Denver, CO 80202
OCD Aztec District Office, 1000 Rio Brazos Rd., Aztec, NM 87410

J. M. HUBER CORPORATION

DENVER, COLORADO

DISCHARGE PLAN

**ROSA COMPRESSOR STATION
RIO ARriba COUNTY, NEW MEXICO**

OCTOBER 29, 2001

J. M. HUBER CORPORATION ROSA COMPRESSOR STATION DISCHARGE PLAN

This discharge plan has been prepared in accordance with the New Mexico Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations" and the New Mexico Water Quality Control Commission regulations 3-104 and 3-106. Any spills, leaks and discharges from the Rosa Compressor Station will be handled in accordance with these guidelines and regulations.

1.0 FACILITY DESCRIPTION

The Rosa Compressor Station is owned by J. M. Huber Corporation ("Huber") and operated by J. M. Huber Corporation. The compressor station is located in Rio Arriba County, New Mexico, approximately 12.4 miles southwest of Dulce, NM and 14.9 miles south of the Colorado-New Mexico border.

1.1 Facility Location and Addresses

Below are the addresses of the facility, the owners and operators.

Facility:	Rosa Compressor Station Section 26, Township 31N, Range 4W UTM Zone 13; 301.850 kmE, 4082.000 kmN Rio Arriba County, NM
Owner:	J.M. Huber Corporation 33587 U.S. Hwy. 160 East Durango, CO 81301 Attn: Tom Erwin 970-247-7708
Operator:	J.M. Huber Corporation 33587 U.S. Hwy. 160 East Durango, CO 81301 Attn: Tom Erwin 970-247-7708

1.2 Facility Components

A site plan is enclosed (Figure 1) which shows the components listed below.

- Caterpillar G379TA 415 hp compressor engine
- Ajax 280 325 hp compressor
- Caterpillar 3306 generator
- Pig receiver
- 2 - 30 MMscfd inlet scrubbers
- Fuel, sales and EPNG meters
- 2 - 400 bbl condensate tanks
- 1,000 gallon used oil tank

new →

< 1000 hp

- Dehydrator
- 15 bbl dehydrator sump
- 10 bbl runoff sump
- 2 – 1,000 gallon glycol and methanol AST's

2.0 PLANT PROCESSES

2.1 Compressor Engine

The Caterpillar G379TA is a turbo charged natural gas driven compressor engine. The compressor mounted on a dike concrete pad. Washdown water, spills, and drips are piped from the pad to a 10-bbl runoff sump.

Ajax 280 Compressor

J. M. Huber Corporation is responsible for maintenance of the compressor and for removal of used lube oil. Walsh Engineering & Production Corp. located in Farmington, NM is contracted by J. M. Huber Corporation to perform maintenance. It is expected that approximately 400 gallons of used lube oil will be removed annually. Used oil from the compressor packing and from the filter case drain is piped to a 1,000-gallon waste oil storage tank. Safety Kleen located in Farmington, NM disposes of the used oil. All used oil is hauled from the site in accordance with OCD regulations. *a change* *OK*

The monthly volume of accumulated water from the compressor going to the condensate tanks is 25-bbl and 1.5-bbl going to the runoff sump. The compressor is washed down monthly by Twin Star located in Farmington, NM. Approximately 150 gallons of water is used and then drained to the 10-bbl runoff sump.

2.2 Tanks and Sumps

The two 400-bbl condensate tanks are located within a tank berm. These tanks receive accumulated water from the compressor engine, inlet scrubbers, dehydration unit and 2-stage separator. The berm is designed to accommodate 1,139-bbl of spillage (264 percent of the tank volumes). Its dimensions are 30 feet by 60 feet by 4 feet.

Used oil is also stored in a 1,000-gallon horizontal steel tank. The tank is coated with coal tar and is situated near the compressor engine. Its dimensions are 4 feet by 11 feet.

The 10-bbl fiberglass sump accommodates runoff from both the compressor engine and glycol skid pads. The sump is tarred and wrapped with X150 permalon barrier material and features a port for monitoring leaks between the tank and barrier. The diameter and depth of the sump is 8 feet by 3 feet horizontal.

The 15-bbl dehydration sump accommodates produced water from the dehydrator and is located next to it. The diameter of the sump is 8 feet by 3 feet horizontal and is made of fiberglass.

The two 1,000-gallon steel AST's for methanol and glycol storage are located on a concrete berm next to the dehydrator. The dimensions of the berm are 12 feet by 12 feet by 2 feet. The berm is designed to accommodate 39-bbl of spillage (146 percent of the tank volumes).

Dehydration Unit

The dehydration unit removes water from the field gas. The water from the dehydration unit is stored in the 15-bbl dehydration sump. The monthly volume of water accumulated in the sump is approximately 270 gallons. The water discharged from the dehydration unit is expected to contain traces of triethylene glycol.

3.0 EFFLUENT DISPOSAL

All effluent from this site is handled in accordance with NMOCD and NMED regulations. Compressor production water, unevaporated dehydrator water and water in the runoff sump are disposed by Burlington 112Y Disposal. Dawn Trucking located in Farmington, NM transports the water to Burlington 112Y Disposal. *a change*

Used oil and condensate is disposed of by Safety Kleen. *a change*

4.0 SPILL, LEAK OR DRIP MITIGATION

The Rosa Compressor Station is visited daily by an employee of Walsh Engineering & Production Corp. They investigate the facility for any leaks, spills or drips. If a leak, spill or drip has occurred, it is handled in accordance with NMOCD Rule 116 and 40 C.F.R. Part 112 as shown below.

Small spills are absorbed with soil and shoveled into drums for off-site disposal. Large spills are contained with temporary berms and the use of absorbent pads. Free liquids are pumped into drums and any contaminated soils are also shoveled into drums for off-site disposal. Drums containing contaminated soils and free liquids are disposed of by a NMOCD approved disposal contractor. Discharges greater than the reportable quantity must first be reported to the National Response Center. In addition, verbal and written notification of leaks or spills is made to NMOCD in accordance with Rule 116.

Information contained in the notification to NMOCD includes:

- Name, address and phone number of the local contact and owner of the facility.
- Name and address of the facility including legal description.
- Date, time and duration of the incident.
- Description of the source and cause of the incident.
- Nature or type of discharge (if other than oil or produced water, please include chemical and physical characteristics).
- The known or estimated volume of the discharge,
- Relevant site characteristics prevailing at the site during the incident including precipitation, wind directions, temperature, soil type and distance to nearest population, water wells and watercourse.
- Any initial corrective actions to mitigate immediate threats to fresh water, public health and environment.

All areas susceptible to leaks or spills are paved, bermed or otherwise contained to prevent the discharge of any effluents.

5.0 SITE CHARACTERISTICS

The Rosa Compressor Station is located approximately 12.4 miles southwest of Dulce, NM and approximately 14.9 miles south of the Colorado-New Mexico border. The site is in a rural area with irregular terrain at an elevation of approximately 6920 feet above mean sea level (MSL). The site is indicated on the attached Bixler Ranch 7.5-minute topographic map (Figure 2).

The facility is located approximately 20 feet in elevation above the Ulibarri Canyon drainage, a small intermittent stream and is the nearest watercourse. This drainage flows northwest into the Cabresto Canyon drainage, a tributary to the Navajo Reservoir/Navajo River approximately 10.6 miles northwest.

The water table is assumed to be 20 feet below the facility. The 1989 Aquifer Sensitivity Map for Rio Arriba County, NM compiled by Lee Wilson and Associates, Inc. on behalf of NMED has the

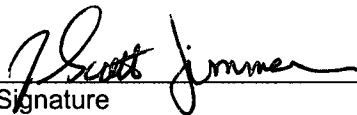
Rosa Compressor Station within a moderate aquifer sensitivity zone. This zone is defined as having a depth to groundwater between 100 to 300 feet and the Total Dissolved Solids ranges from 2000 mg/L to 10,000 mg/L.

The Rosa Compressor Station site is located on the San Jose Formation. The San Jose Formation is the youngest of the tertiary bedrock units in the San Juan Basin. It is characterized by a sequence of interbedded sandstones and mudstones.

Computerized records from the State Engineer's Office list the water wells within a quarter-mile radius of the facility. The well use, legal description, date of construction, depth of well and depth to water are shown in Table 1. There are three wells located within a quarter-mile radius of the Rosa Compressor Station. One well is used for industrial purposes and the two other wells are used for domestic purposes.

Affirmation

I hereby certify that I am familiar with the information contained in and submitted with this discharge plan for the Rosa Compressor Station and that such information is true, accurate, and complete to the best of my knowledge and belief.


Signature

J. Scott Zimmerman
Vice President, Energy Sector
J. M. Huber Corporation



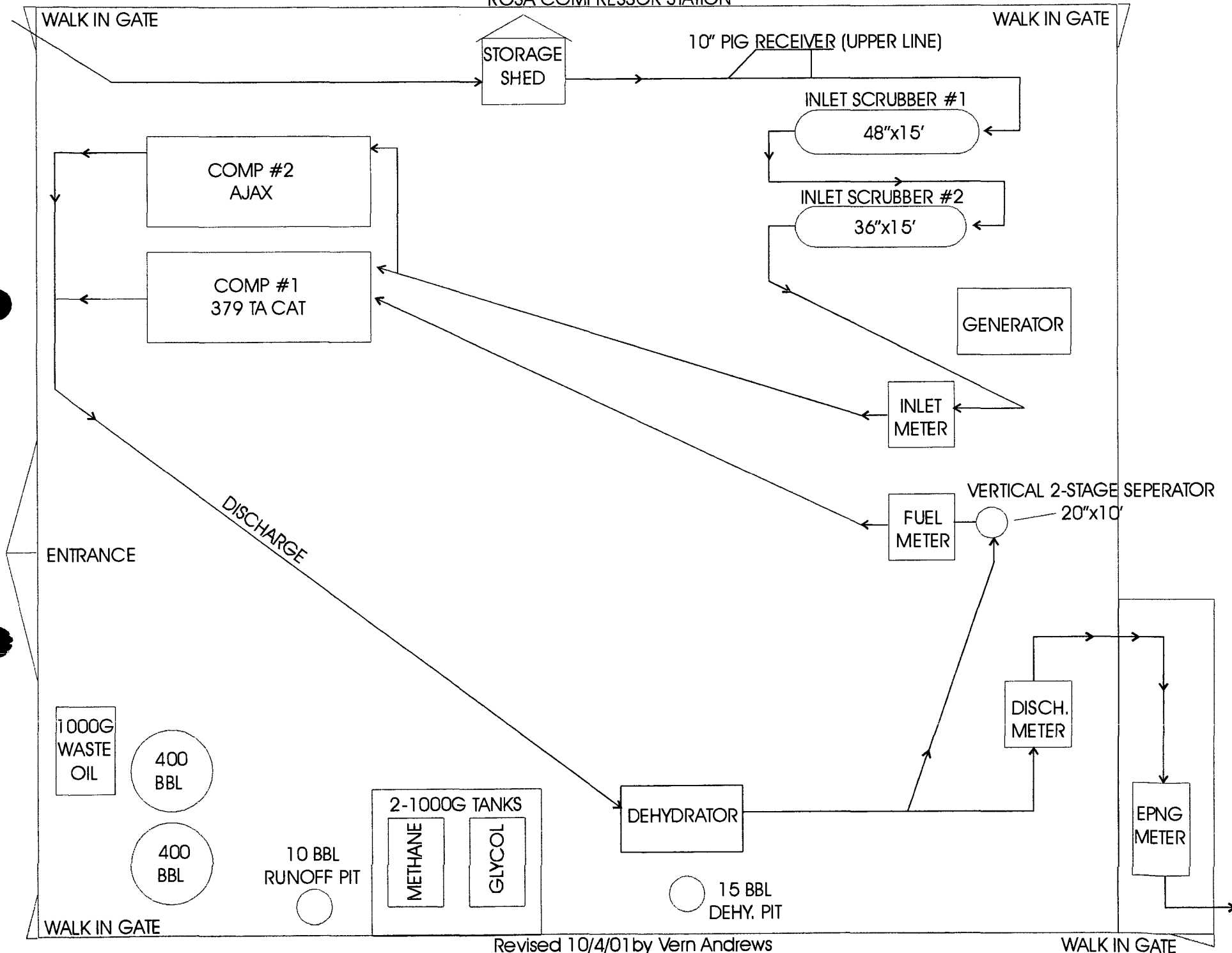
11-05-01
Date

TABLE I

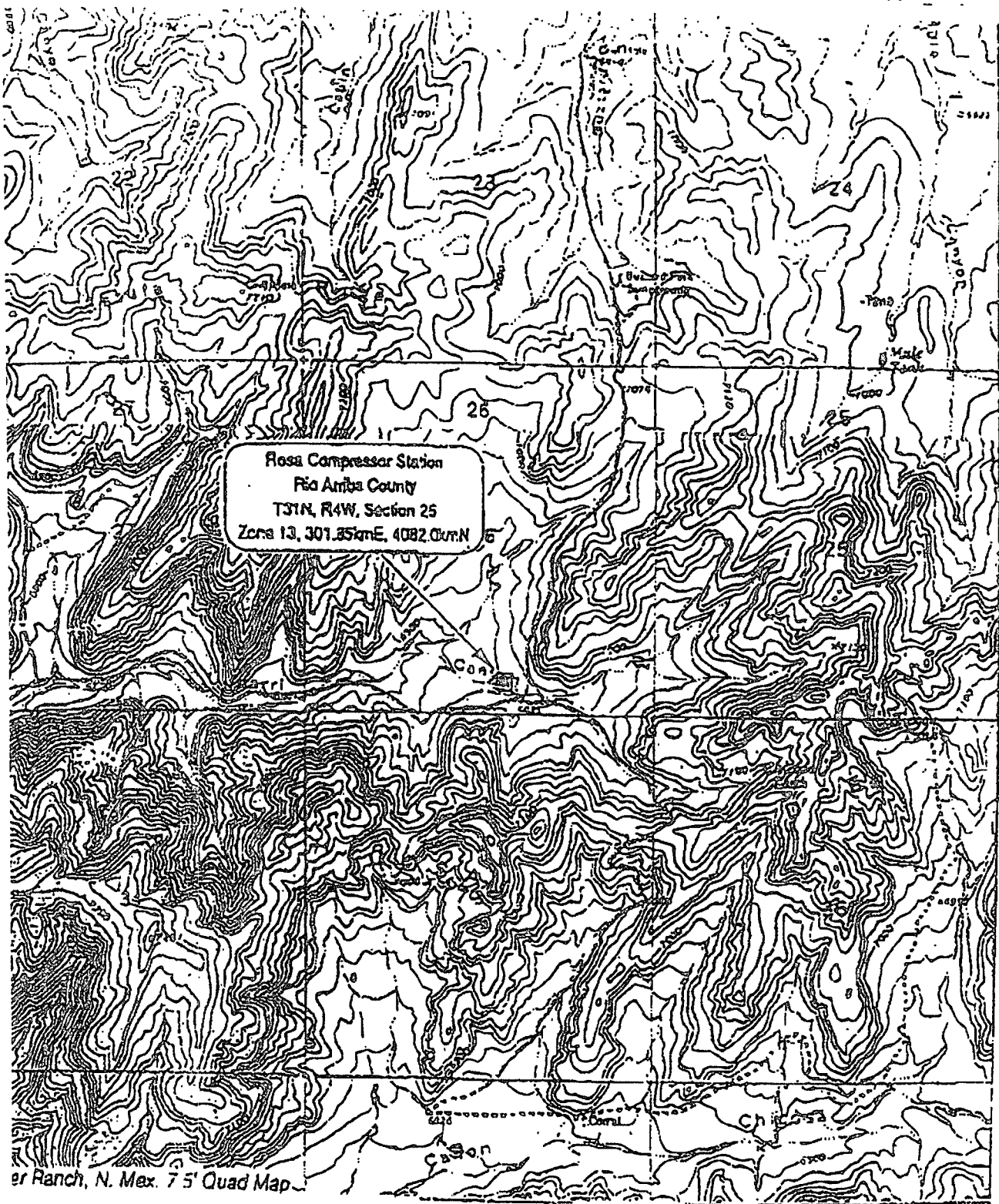
**STATE ENGINEER'S OFFICE WATER WELL RECORDS
WELLS WITHIN 1/4 MILE OF THE ROSA COMPRESSOR STATION**

Well No.	Date Drilled	Legal Description	Water Use	Depth to Well	Depth to Water
		T/R/S			
00049	9/14/53	31N 4W 33	Industrial	112'	80'
02885	Unknown	31N 4W 27	Domestic	150'	Unknown
02886	Unknown	31N 4W 28	Domestic	150'	Unknown

ROSA COMPRESSOR STATION



Revised 10/4/01 by Vern Andrews



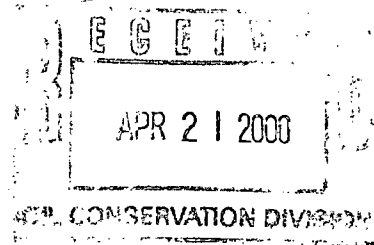
Rosa Compressor Station

EDWARDS ENERGY FIELD SERVICES, LLC

1401 17TH STREET / SUITE 1400

DENVER, COLORADO 80202

303/298-1400 FAX 303/298-0757



April 19, 2000

Mr. Jack Ford
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Transfer of Ownership of the Duke Energy Field Services, Inc. ("DEFS")
Rosa Compressor Station to Edwards Energy Field Services, LLC ("EEFS")

Dear Mr. Ford:

Effective January 26, 2000, Edwards Energy Field Services, LLC became the owner of the Rosa Compressor Station (Discharge Plan No. GW-161 Duke Energy Field Services, Inc.). DEFS has requested that the discharge plan be transferred to EEFS. Please be advised that Edwards Energy Field Services, LLC assumes responsibility of operating the Rosa Compressor Station and will abide by the terms and conditions of the discharge plan that covers operations of the station.

Very truly yours,

J. Keith Edwards
President

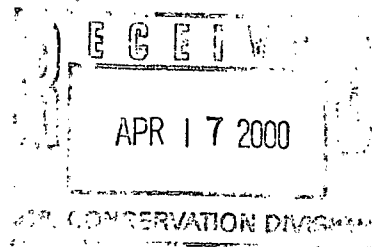
JKE:alf

EDWARDS ENERGY FIELD SERVICES, LLC

1401 17TH STREET / SUITE 1400

DENVER, COLORADO 80202

303/298-1400 FAX 303/298-0757



April 14, 2000

Mr. Jack Ford
New Mexico Energy, Minerals & Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Transfer of Ownership of the Duke Energy Field Services, Inc. ("DEFS")
Rosa Compressor Station to Edwards Energy Field Services, LLC ("EEFS")

Dear Mr. Ford:

Effective January 26, 2000, Edwards Energy Field Services, LLC became the owner of the Rosa Compressor Station (Discharge Plan No. GW-161 Duke Energy Field Services, Inc.). DEFS has requested that the discharge plan be transferred to EEFS. Please contact me or my assistant, Ann Feldman, at the letterhead address/telephone number and advise what you need us to do to complete the transfer.

Very truly yours,

J. Keith Edwards
President

JKE:alf



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 11, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9511

Ms. Ann L. Feldman
Edwards Energy Corp.
1401 17th Street, Suite 1400
Denver, Colorado 80202

RE: Change of Ownership
Rosa Compressor Station, GW-161
Rio Arriba County, New Mexico

Dear Ms. Feldman:

The New Mexico Oil Conservation Division (OCD) has been notified by Duke Energy Field Services, Inc. that a change of ownership has occurred involving the above captioned facility. Please be advised that Edwards Energy Corp. is required to notify the OCD that the company has made this acquisition and that the Edwards Energy Corp. will abide by the terms and conditions of the approved Discharge Plan (GW-161) affecting the operation of this facility. All required fees have been previously paid.

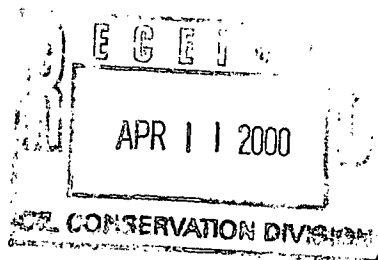
If you have any questions contact me at (505) 827-7156.

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



P.O. Box 5493
Denver, Colorado 80217
370 17th Street, Suite 900
Denver, Colorado 80202
303 595-3331
Fax: 303 595-0480

April 7, 2000

CERTIFIED MAIL
RETURN RECEIPT

Mr. Jack Ford
New Mexico Energy, Minerals
& Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 87505

SUBJECT: Transfer of Ownership of the Duke Energy Field Services, Inc.
("DEFS") Rosa Compressor Station to Edwards Energy Corp.

Dear Mr. Ford:

Effective January 26, 2000 Edwards Energy Corporation has become owner of the Rosa Compressor Station (Discharge Plan No. GW-161). DEFS has relinquished all ownership and responsibility of the facility and therefore, request that the discharge plan be transferred to Edwards Energy Corp. The contact name and address at Edwards Energy is as follows:

Edwards Energy Corp.
Attn: Ann L. Feldman
1401 17th Street, Suite 1400
Denver, CO 80202
Phone No. 303-298-1400

If you have any questions or concerns regarding this information, please call me at (303) 605-1717.

Sincerely,

Karin Char
Environmental Specialist

cc: Ann Feldman – Edwards Energy Corp.
John Admire – DEFS
Jack Braun – DEFS
Kent Christopherson – DEFS
Mitch Griggs – DEFS
Paul Tourangeau – DEFS
DEFS Environmental File 2.2.3.3



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 11, 2000

CERTIFIED MAIL

RETURN RECEIPT NO. P-142-564-983

Ms. Kristin M. Koblis
Environmental Scientist
Duke Energy Field Services, Inc.
P.O. Box 5493
Denver, Colorado 80217

**RE: Discharge Plan Fees GW-161
Rosa Compressor Station
Rio Arriba County, New Mexico**

Dear Ms. Koblis:

On September 21, 1995, Duke Energy Field Services, Inc., received, via certified mail, an approval dated September 15, 1999 from the New Mexico Oil Conservation Division (OCD) for discharge plan GW-161. Each discharge plan has a filing fee and a flat fee as described in WQCC Section 3114, the renewal flat fee of \$345.00 for the Rosa facility discharge plan GW-161 has not, as of this date (February 11, 2000), been received by the OCD Santa Fe Division office.

Duke Energy Field Services, Inc. will submit the \$345.00 flat fee in full by March 11, 2000 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,

Original Signed by RCA

Roger Anderson
Environmental Bureau Chief

RCA/wjf

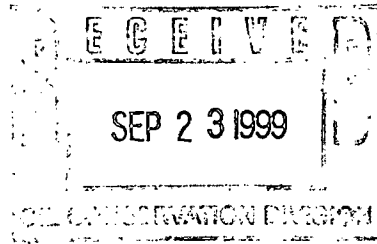
xc: Aztec District OCD office

PS Form 3800, April 1995

Sent to		K. Koblis	
Street & Number		Duke	
Post Office, State, & ZIP Code		Dem.	
Postage		\$	
Certified Fee		\$345.00	
Special Delivery Fee			
Restricted Delivery Fee			
Return Receipt Showing to Whom & Date Delivered		7 7 6	
Return Receipt Showing to Whom, Date, & Address			
TOTAL Postage & Fees		\$	
Postmark or Date		940-161	

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

7 11 2 5 4 9 8 3 OCD



P.O. Box 5493
Denver, Colorado 80217
370 17th Street, Suite 900
Denver, Colorado 80202
303 595-3331
Fax: 303 595-0480

September 21, 1999

CERTIFIED MAIL NO. Z 407 761 361

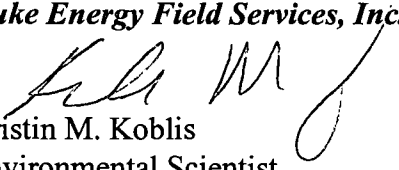
Mr. Roger Anderson
State of New Mexico
Energy, Minerals and
Natural Resources Department
Oil Conservation Department
2040 S. Pacheco
Santa Fe, New Mexico 87505

**Re: Discharge Plan Approval Conditions for the Duke Energy Field Services, Inc. ("DEFS")
Rosa Compressor Station (GW-161)**

Dear Mr. Anderson:

Enclosed is a signed copy of the discharge plan approval conditions for the DEFS Rosa Compressor Station. The discharge plan conditions stipulate that the discharge plan filing fee of \$50.00 has not been received by OCD. A check was enclosed in the March 24, 1999 application pertaining to the Discharge Plan Approval fee. I have enclosed a copy of the check that submitted. If you need further assistance, please feel free to call me at 303-595-3331.

Sincerely,
Duke Energy Field Services, Inc.


Kristin M. Koblis
Environmental Scientist

enclosure:

Duke Energy Field Services, Inc.
P.O. Box 5493
Denver, Colorado 80217

VENDOR NUMBER
004804
VENDOR NAME
NEW MEXICO-

CHECK NUMBER

INVOICE NUMBER	INVOICE DATE	NET AMOUNT	DESCRIPTION
0399-FEE	03/24/99	50.00	
			TOTAL PAID
			\$50.00

PLEASE DETACH AND RETAIN FOR YOUR RECORDS

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

Duke Energy Field Services, Inc.
P.O. Box 5493
Denver, Colorado 80217

THE CHASE MANHATTAN BANK, N.A.
SYRACUSE, NEW YORK

50-837/213

VENDOR NO.

004804

CHECK DATE

03/24/99

CHECK NUMBER

CHECK AMOUNT

*****\$50.00

NOT NEGOTIABLE AFTER 120 DAYS

PAY Fifty and 00/100 Dollars

TO THE
ORDER OF

NEW MEXICO-
WATER QUALITY MANAGEMENT DIV
2040 S PACHECO
SANTA FE, NM 87505



David L. Hansen
AUTHORIZED SIGNATURE

The Santa Fe New Mexican

Since 1849 We Read You

E G E I

APR - 7 1999

NM OCD

ATTN: LUPE SHERMAN
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 76443 ACCOUNT: 56689
LEGAL NO: 65110 P.O.#: 99199000357
168 LINES 1 time(s) at \$ 73.97
AFFIDAVITS: 5.25
TAX: 4.95
TOTAL: 84.17

AFFIDAVIT OF PUBLICATION

NOTICE OF PUBLICATION

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

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

(GW-151) - DUKE ENERGY FIELD SERVICES, INC., P.O. Box 5493, Denver, Colorado 80217 has submitted a renewal application for the ROSA COMPRESSOR STATION located in the SW/4 SE/4 of Section 26, Township 31 North, Range 4 West, Rio Arriba County, New Mexico. Approximately 35 gallons per day of waste water with a dissolved solids concentration of 1,500 mg/l is collected in a 400 barrel closed fiberglass tank prior to transport off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth greater than 20 feet with a total dissolved solids concentration ranging from 2000 mg/l to 10000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March 1999.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

LORI WROTENBERY,
Director

Legal #65110
Pub. April 1, 1999

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, B. Pliner being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTE FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #65110 a copy of which is hereto attached was published in said newspaper 1 day(s) between 04/01/1999 and 04/01/1999 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 1 day of April, 1999 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/

Betsy Pliner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this
1 day of April A.D., 1999

Notary

Laura L. Harding

Commission Expires

11/23/99

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 permit renewal application has been submitted to the Director of the Oil Conservation Division, 2040 South Redondo, Santa Fe, New Mexico 87505. Telephone: (505) 827-2131.

70W-1611 DUKE ENERGY FIELD SERVICES, INC., P.O. Box 5493, Denver, Colorado 80217, has submitted a renewal application for their DISA COMPRESSOR STATION located in the SW 1/4 SE 1/4 of Section 26, Township 31 North, Range 4 West, Rio Arriba County, New Mexico. Approximately 35 gallons per day of waste water with a dissolved solids concentration of 1500 mg/l is collected in a 400 barrel closed fiberglass tank prior to transport of sludge to an EPA approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth greater than 20 feet with a total dissolved solids concentration ranging from 2000 mg/l to 10000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 9:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is a significant public interest.

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March, 1999.

STATE OF
NEW MEXICO

OIL
CONSERVATION
DIVISION

BOGER CHANDLER
for LOU WROTENBERY
Director

1999-03-29
PUB 3rd April 5, 1999

Affidavit of Publication

State of New Mexico
County of Rio Arriba

I, Robert Trapp, being first duly sworn, declare and say I am the Publisher of the *Rio Grande SUN*, a weekly newspaper published in the English language and having a general circulation in the City of Española, County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; the publication, a copy of which is hereto attached

was published in said paper once each week for 1 consecutive weeks and on the same day of each week in the regular issue of the paper during the time of publication and the notice was published in the newspaper proper, and not in any supplement, the first

publication being on the 8th day of April, 1999

Publisher's Bill

and the last publication on the 8th day of April, 1999; payment for said advertisement has been duly made, or assessed as court costs; the undersigned has personal knowledge of the matters and things set forth in this affidavit.

104 lines one time at 45.76
1 ~~line~~ times at 5.00
Subtotal 50.76
Tax 314
Total 53.90

Payment received at *Rio Grande SUN*

Date _____

By _____

Robert Trapp

Publisher

Subscribed and sworn to before me this 8th day of

April A.D., 1999
Ruth Shapp

My commission expires 17 May 2001

Notary Public

NOTICE OF PUBLICATION

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

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


(GW-161) - DUKE ENERGY FIELD SERVICES, INC., P. O. Box 5493, Denver, Colorado 80217 has submitted a renewal application for their ROSA COMPRESSOR STATION located in the SW/4 SE/4 of Section 26, Township 31 North, Range 4 West, Rio Arriba County, New Mexico. Approximately 35 gallons per day of waste water with a dissolved solids concentration of 1,500 mg/l is collected in a 400 barrel closed fiberglass tank prior to transport off-site to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge at the surface is at a depth greater than 20 feet with a total dissolved solids concentration ranging from 2000 mg/l to 10000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 29th day of March, 1999.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


for LORI WROTENBERY, Director

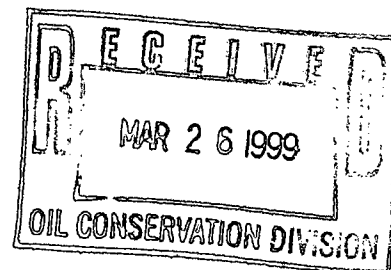
S E A L



P.O. Box 5493
Denver, Colorado 80217
370 17th Street, Suite 900
Denver, Colorado 80202
303 595-3331
Fax: 303 595-0480

March 24, 1999

CERTIFIED MAIL NO. Z 159 637 642



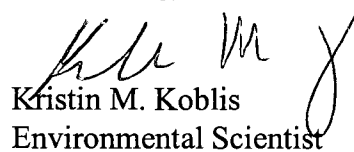
Mr. Roger Anderson
State of New Mexico
Energy, Minerals and
Natural Resources Department
Oil Conservation Department
2040 S. Pacheco
Santa Fe, New Mexico 87505

**Re: Discharge Plan Renewal for the Duke Energy Field Services, Inc. ("Duke Energy")
Rosa Compressor Station (GW-161)**

Dear Mr. Anderson:

Enclosed is the renewal application and modified discharge plan for the Duke Energy Rosa Compressor Station. Also enclosed is the \$50.00 check pertaining to the Discharge Plan Approval fee. If you need further assistance, please feel free to call me at 303-595-3331.

Sincerely,
Duke Energy Field Services, Inc.


Kristin M. Koblis
Environmental Scientist

enclosure:

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 3-24-99,

or cash received on _____ in the amount of \$ 50⁰⁰

from Duke Energy Field Services, Inc.

for Rosa C.S. GW-161

Submitted by: W. J. Fard Date: 3-29-99

Submitted to ASD by: R. C. [REDACTED] Date: 3-29-99

Received in ASD by: _____ Date: _____

Filing Fee ☒ New Facility _____ Renewal ☒

Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 99

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment _____

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER

Duke Energy Field Services, Inc.
P.O. Box 5493
Denver, Colorado 80217

THE CHASE MANHATTAN BANK, N.A.
SYRACUSE, NEW YORK

60-637/213

VENDOR NO.

004804

CHECK DATE

03/24/99

CHECK NUMBER

CHECK AMOUNT

*****\$50.00

NOT NEGOTIABLE AFTER 120 DAYS

PAY Fifty and 00/100 Dollars

TO THE
ORDER OF

NEW MEXICO-
WATER QUALITY MANAGEMENT DIV
2040 S PACHECO
SANTA FE, NM 87505



David L. Hansen
AUTHORIZED SIGNATURE

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

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

Revised 12/1/95

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

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

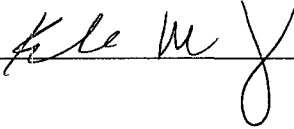
☐ New

☒ Renewal

☐ Modification

1. Type: Natural Gas Compressor Station
2. Operator: Duke Energy Field Services, Inc.
Address: PO Box 5493 Denver CO 80217
Contact Person: Kristin Koblis Phone: 303-595-3331
3. Location: /4 /4 Section 26 Township 31N Range 4W
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

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

NAME: Kristin Koblis Title: Environmental Scientist
Signature:  Date: 3/24/99

**DUKE ENERGY FIELD
SERVICES, INC.
DENVER, COLORADO**

DISCHARGE PLAN

**ROSA COMPRESSOR STATION
RIO ARRIBA COUNTY, NEW MEXICO**

MARCH 24, 1999

**DUKE ENERGY FIELD SERVICES, INC.
ROSA COMPRESSOR STATION
DISCHARGE PLAN**

This discharge plan has been prepared in accordance with the New Mexico Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations" and the New Mexico Water Quality Control Commission regulations 3-104 and 3-106. Any spills, leaks and discharges from the Rosa Compressor Station will be handled in accordance with these guidelines and regulations.

1.0 FACILITY DESCRIPTION

The Rosa Compressor Station is owned by Duke Energy Field Services, Inc. ("DEFS") and leased and operated by Edwards Energy Corporation. The compressor station is located in Rio Arriba County, New Mexico approximately 12.4 miles southwest of Dulce, NM and 14.9 miles south of the Colorado-New Mexico border.

1.1 Facility Location and Addresses

Below are the addresses of the facility, owners and operators.

Facility: Rosa Compressor Station
Section 26, Township 31N, Range 4W
UTM Zone 13; 301.850 kmE, 4082.000 kmN
Rio Arriba county, NM

Owner: Duke Energy Field Services, Inc.
P.O. Box 5493
Denver, CO 80217
Attn: Robert L. Pearson
Manager of Environmental Affairs
303-595-3331

Operator: Edwards Energy Corporation
1401 17th St., Suite 1400
Denver, CO 80202
Attn: Ann Feldman
303-298-1400

1.2 Facility Components

A site plan is enclosed (Figure 1) which shows the components listed below.

- Caterpillar G379TA 415 hp compressor engine

No Flat Fee

- Caterpillar 3306 generator
- Pig receiver
- (2) 30 MMscfd inlet scrubbers
- fuel, sales and EPNG meters
- (2) 400 bbl condensate tanks
- 1000 gal. Used oil tank
- Dehydrator
- 15 bbl Dehydrator sump
- 10 bbl Runoff sump
- (2) 1000 gal. Glycol and methanol ASTs

2.0 PLANT PROCESSES

2.1 Compressor Engine

The Caterpillar G379TA is a turbo charged natural gas driven compressor engine. The compressor mounted on a dike concrete pad. Washdown water, spills, and drips are piped from the pad to a 10 bbl runoff sump.

Edwards Energy Corp. is responsible for maintenance of the compressor and for removal of used lube oil. Walsh Engineering & Production Corp. located in Farmington, NM is contracted by Edwards Energy Corp. to perform maintenance. It is expected that approximately 400 gallons of used lube oil will be removed annually. Used oil from the compressor packing and from the filter case drain are piped to a 1000 gallon waste oil storage tank. D & D Oil Disposal located in Farmington, NM disposes of the used oil. All used oil is hauled from the site in accordance with OCD regulations.

The monthly volume of accumulated water from the compressor going to the condensate tanks is 25 bbl and 1.5 bbl going to the runoff sump. The compressor is washed down monthly by Twin Star located in Farmington, NM. Approximately 150 gallons of water is used and then drained to the 10 bbl runoff sump.

2.2 Tanks and Sumps

The two 400 bbl condensate tanks are located within a tank berm. These tanks receive accumulated water from the compressor engine, inlet scrubbers, dehydration unit and 2-stage separator. The berm is designed to accommodate 1,139 bbl of spillage (264 percent of the tank volumes). Its dimensions are 30 feet by 60 feet by 4 feet.

Used oil is also stored in a 1000 gallon horizontal steel tank. The tank is coated with coal tar and is situated near the compressor engine. It dimensions are 4 feet by 11 feet.

The 10 bbl fiberglass sump accommodates runoff from both the compressor engine and glycol skid pads. The sump is tarred and wrapped with X150 permalon barrier material and features a port for monitoring leaks between the tank and barrier. The diameter and depth of the sump is 8 feet by 3 feet horizontal.

The 15 bbl dehydration sump accommodates produced water from the dehydrator and is located next to it. The diameter of the sump is 8 feet by 3 feet horizontal and is made of fiberglass.

The two 1000 gallon steel ASTs for methanol and glycol storage are located on a concrete berm next to the dehydrator. The dimensions of the berm are 12 feet by 12 feet by 2 feet. . The berm is designed to accommodate 39 bbl of spillage (146 percent of the tank volumes).

2.3 Dehydration Unit

The dehydration unit removes water from the field gas. The water from the dehydration unit is stored in the 15 bbl dehydration sump. The monthly volume of water accumulated in the sump is approximately 270 gallons. The water discharged from the dehydration unit is expected to contain traces of triethylene glycol.

3.0 EFFLUENT DISPOSAL

All effluent from this site is handled in accordance with NMOCD and NMED regulations. Compressor production water, unevaporated dehydrator water and water in the runoff sump are disposed by Basin Disposal. Dawn Trucking located in Farmington, NM transports the water to Basin Disposal.

Used oil and condensate are disposed of by D & D Oil Disposal.

4.0 SPILL, LEAK OR DRIP MITIGATION

The Rosa Compressor Station is visited daily by an employee of Walsh Engineering, & Production Corp. They investigate the facility for any leaks, spills or drips. If a leak, spill or drip has occurred, it is handled in accordance with NMOCD Rule 116 and 40 C.F.R. Part 112 as shown below.

Small spills are absorbed with soil and shoveled into drums for off-site disposal. Large spills are contained with temporary berms and the use of absorbent pads. Free liquids are pumped into drums and any contaminated soils are also shoveled into drums for off-site disposal. Drums containing contaminated soils and free liquids are disposed of by a NMOCD approved disposal contractor. Discharges greater than the reportable quantity must first be reported the National Response Center. In addition, verbal and written notification of leaks or spills is made to NMOCD in accordance with Rule 116.

Information contained in the notification to NMOCD includes:

- Name, address and phone number of the local contact and owner of the facility.
- Name and address of the facility including legal description.
- Date, time and duration of the incident.
- Description of the source and cause of the incident.

- Nature or type of discharge (if other than oil or produced water, please include chemical and physical characteristics).
- The known or estimated volume of the discharge.
- Relevant site characteristics prevailing at the site during the incident including precipitation, wind directions, temperature, soil type and distance to nearest population, water wells and watercourse.
- Any initial corrective actions to mitigate immediate threats to fresh water, public health and environment.

All areas susceptible to leaks or spills are paved, bermed or otherwise contained to prevent the discharge of any effluents.

5.0 SITE CHARACTERISTICS

The Rosa Compressor Station is located approximately 12.4 miles southwest of Dulce, NM and approximately 14.9 miles south of the Colorado-New Mexico border. The site is in a rural area with irregular terrain at an elevation of approximately 6920 feet above mean sea level (MSL). The site is indicated on the attached Bixler Ranch 7.5 minute topographic map (Figure 2).

The facility is located approximately 20 feet in elevation above the Ulibarri Canyon drainage, a small intermittent stream and is the nearest watercourse. This drainage flows northwest into the Cabresto Canyon drainage, a tributary to the Navajo Reservoir/Navajo River approximately 10.6 miles northwest.

The water table is assumed to be 20 feet below the facility. The 1989 Aquifer Sensitivity Map for Rio Arriba County, NM compiled by Lee Wilson and Associates, Inc. on behalf of NMED has the Rosa Compressor Station within a moderate aquifer sensitivity zone. This zone is defined as having a depth to groundwater between 100 to 300 feet and the Total Dissolved Solids ranges from 2000 mg/L to 10,000 mg/L.

The Rosa Compressor Station site is located on the San Jose Formation. The San Jose Formation is the youngest of the tertiary bedrock units in the San Juan Basin. It is characterized by a sequence of interbedded sandstones and mudstones.

Computerized records from the State Engineer's Office list the water wells within a quarter-mile radius of the facility. The well use, legal description, date of construction, depth of well and depth to water are shown in Table 1. There are three wells located within a quarter-mile radius of the Rosa Compressor Station. One well is used for industrial purposes and the two other wells are used for domestic purposes.

Affirmation

I hereby certify that I am familiar with the information contained in and submitted with this discharge plan for the Rosa Compressor Station and that such information is true, accurate, and complete to the best of my knowledge and belief.

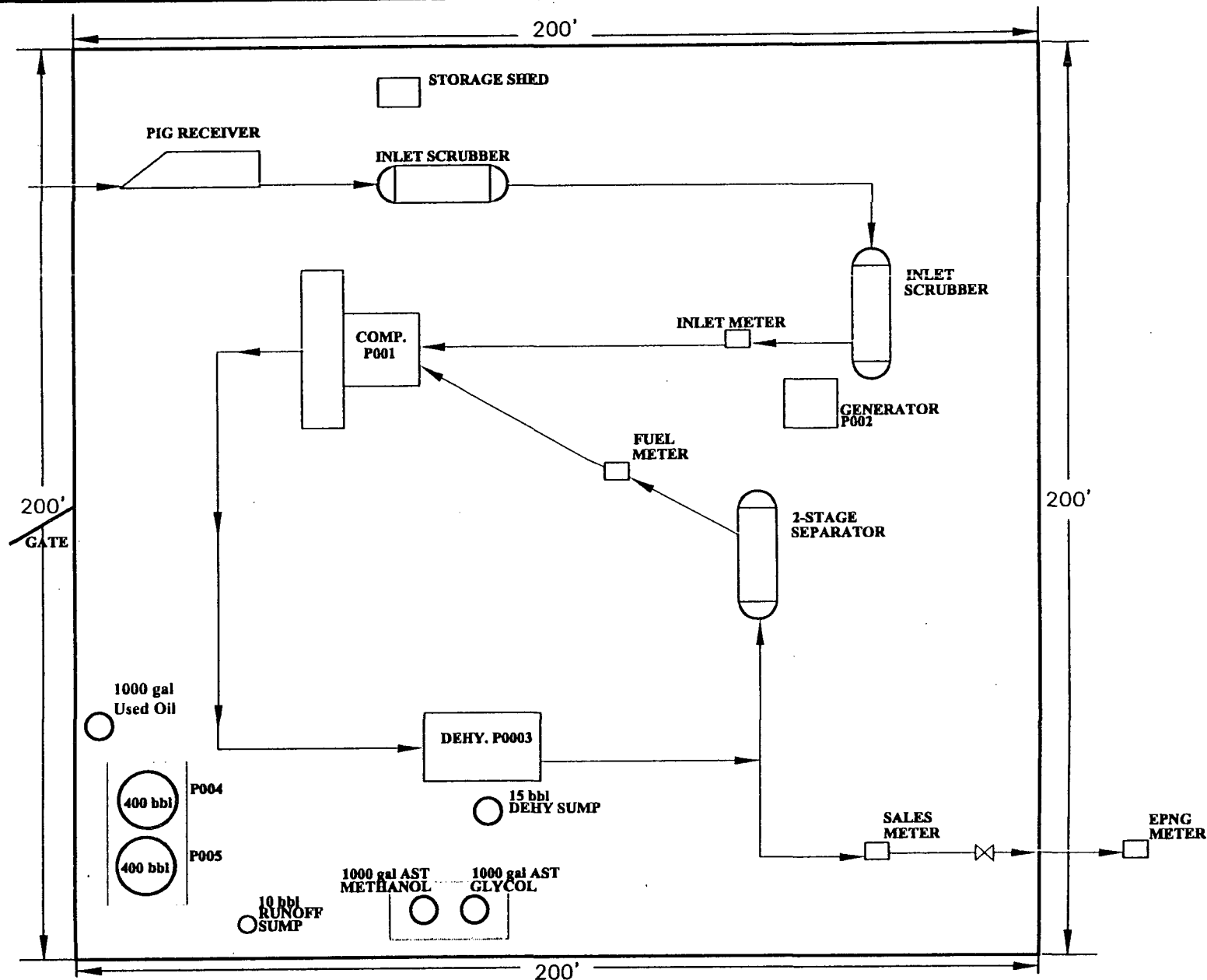


Signature

3/22/99

Date

Robert L. Pearson
Manager of Environmental Affairs
Duke Energy Field Services, Inc.



Rosa Compressor Station

Rio Arriba County, New Mexico

FIGURE 1

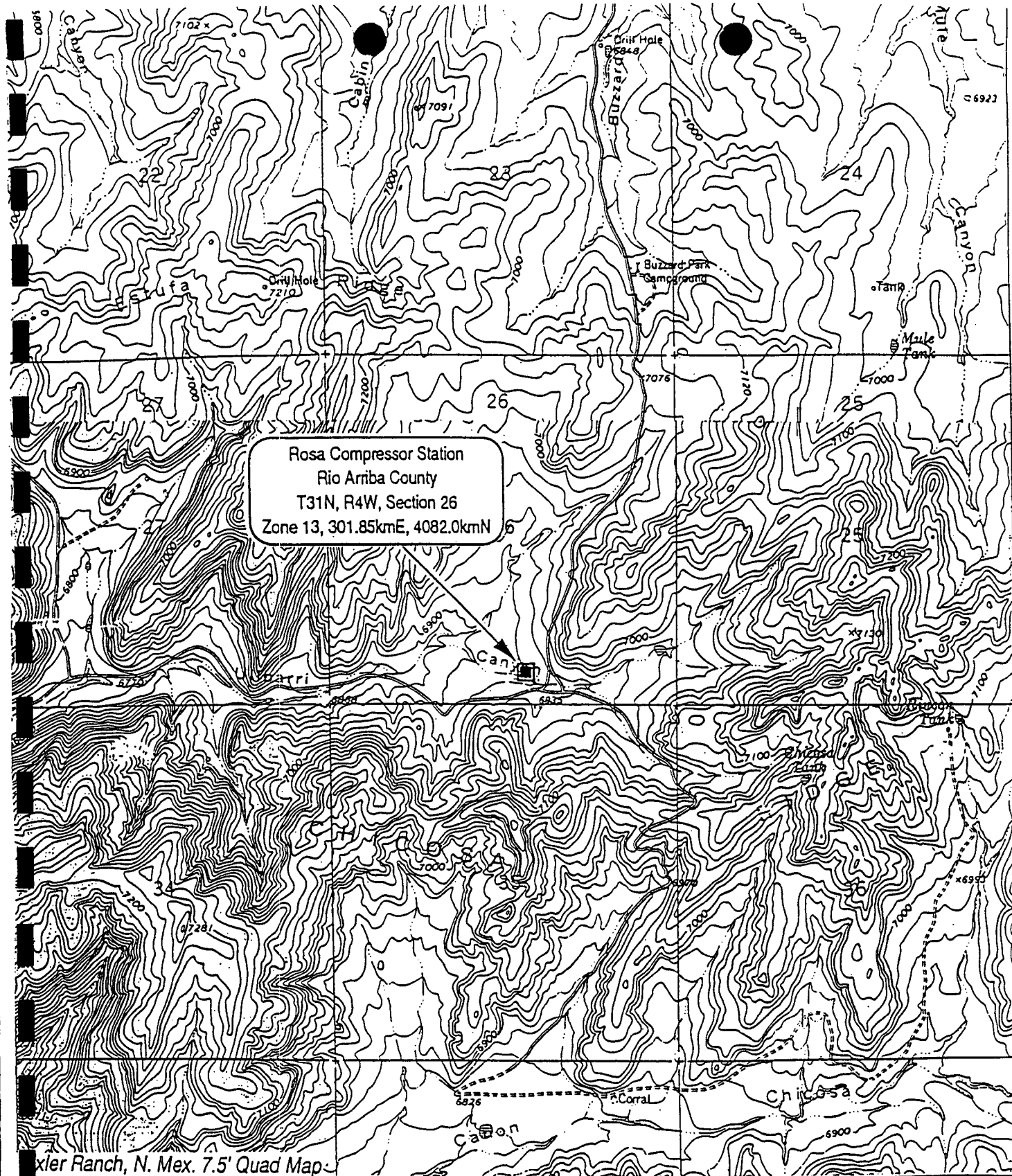
SCALE: N.T.S.

DRAWN BY: KAM


REVISED: KMK

DATE: 03-19-99

D:\MEDMEXCO\ROSA\FIGURE1.DWG



Rosa Compressor Station
Rio Arriba County
T31N, R4W, Section 26
Zone 13, 301.85kmE, 4082.0kmN



SCALE: 1" = 2000'

Rosa Compressor Station

Rio Arriba County, New Mexico
Source: USGS 1:24000 Quad



FIGURE 2 SITE LOCATION MAP
DRAWN BY: KAM
REVISED: KMK
DATE: 05-08-98
CA/KAM/ACADPH/VORETIN/ROSA

TABLE 1
STATE ENGINEER'S OFFICE WATER WELL RECORDS
WELLS WITHIN 1/4 MILES OF THE ROSA COMPRESSOR STATION

Well No.	Date	<u>Legal Description</u>			Water Use	Depth to	Depth to
	Drilled	Township	Range	Section		Well (feet)	Water (feet)
00049	9/14/53	31N	4W	33	Industrial	112	80
02885	Unknown	31N	4W	27	Domestic	150	Unknown
02886	Unknown	31N	4W	28	Domestic	150	Unknown



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

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

October 30, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-870-031

Mr. Robert L. Pearson
Associated Natural Gas, Inc.
P.O. Box 5493
Denver, Colorado 80217

**RE: Discharge Plan GW-161 Renewal
Rosa Compressor Station
Rio Arriba County, New Mexico**

Dear Mr. Pearson:

On April 7, 1994, the groundwater discharge plan, GW-161, for the **Rosa Compressor Station** located in the SW/4 SE/4 of Section 26, Township 31 North, Range 4 West, NMPM, Rio Arriba County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) regulations and was approved for a period of five years. **The approval will expire on March 31, 1999.**

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operation, you must renew your discharge plan. **If Associated Natural Gas, Inc. submits an application for renewal at least 120 days before the discharge plan expires, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether you have made, or intend to make, any changes in your system, and if so, please include these modifications in your application for renewal.

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. Note that the completed and signed application form must be submitted with your discharge plan renewal request. (Copies of the WQCC regulations and discharge plan application form and guidelines have been provided to Associated Natural Gas, Inc. in the past. A complete copy of the regulations is also available on OCD's website at www.emnrd.state.nm.us/oed.htm.)

Mr. Robert L. Pearson
Associated Natural Gas, Inc. GW-161
October 30, 1998
Page 2

The discharge plan renewal application for the Rosa Compressor Station is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (\$50) dollars. There is a renewal flat fee required of \$345.00 for compressor stations having greater than 1000 horsepower, which is equal to one-half of the original flat fee. The fifty (\$50) dollar filing fee is to be submitted with 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.

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

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

RCA/wjf

cc: OCD Aztec District Office

THIS DOCUMENT CONTAINS A TRUE WATERMARK AND VISIBLE FIBERS

ASSOCIATED NATURAL GAS, INC.

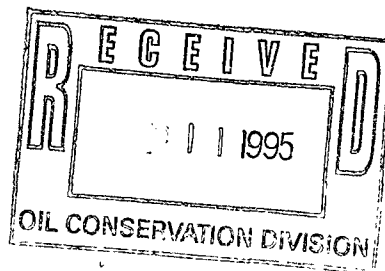
370 17TH ST SUITE 900 DENVER, CO. 80202

NMED WATER QUALITY MANAGEMENT

97079 75887 09/01/95

VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PAYMENTS	NET AMOUNT
11-AP-1863	0995-PERMIT	09/01/95	690.00		690.00

Gwile



MEMORANDUM OF MEETING OR CONVERSATION

X TELEPHONE PERSONAL TIME 3:30 AM (PM) DATE 8/30/95

ORIGINATING PARTY: Pat Sanchez - NMCCD

OTHER PARTIES: Bob Pearson - Assoc. Nat. Gas INC.

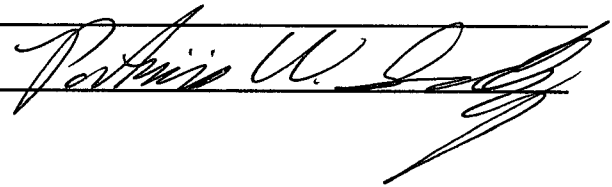
SUBJECT: Flats Fees for "Rosa Camp" Gw-161

DISCUSSION: Bob asked about Fees - I explained flat Fee - He said he did not have a copy of his permit.

He requested that I FAX and he would submit the six hundred and Ninety Dollar Fee.

CONCLUSIONS/AGREEMENTS: I Fax'd Permit w/ OGD Address to Bob Pearson - He will pay the Fees.

PATRICIO W. SANCHEZ:



xc: FILE,

Note: See Attachment.

Bob Pearson Phone: 303 - 595 - 3331

FAX: 303 - 629 - 7822

* Called Bob Back at 4:15 pm on 8/30/95 -

He said the check would be in the Mail by Monday.

OIL CONSERVATION DIVISION-ENVIRONMENTAL BUREAU

TO: Mr. Robert L. Pearson Associated Natural Gas Inc.

FROM: PATRICIO W. SANCHEZ , PETROLEUM ENGINEER 505-827-7156

NUMBER OF PAGES INCLUDING THIS ONE: 4

MESSAGE:

Dear Sir, Here is your discharge Plan Permit
for Gw-161 "Rosa Compressor Station". Please
Make you check out for \$690.⁰⁰/₁₀₀ (six
hundred and Ninety Dollars to NMED-Water Quality
Management"
IF YOU HAVE ANY TROUBLE RECEIVING THIS FAX PLEASE CALL
(505)-827-7133.

OCD FAX NUMBER: (505)-827-8177

Mail your check to:

NMOCB
Environmental Bureau
2040 South Pacheco
Santa Fe, NM 87505

Make the check payable to:

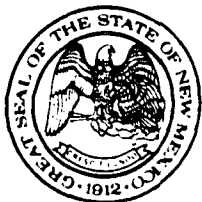
"NMED WATER Quality Management"

Thank you!!



8/30/95

Fax No.
for Bob Pearson
303-629-7822



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

April 7, 1994

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-081

Mr. Robert L. Pearson
Associated Natural Gas, Inc.
P.O. Box 5493
Denver, Colorado 80217

Re: Discharge Plan (GW-161)
Rosa Compressor Station
Rio Arriba County, New Mexico

Dear Mr. Pearson:

The groundwater discharge plan GW-161 for the Associated Natural Gas Inc. Rosa Compressor Station located in the SW/4 SE/4 Section 26, Township 31 North, Range 4 West, NMPM, Rio Arriba County, New Mexico **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the application dated January 11, 1994 and the supplemental information dated March 21, 1994.

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A.. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

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

Please note that section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan". Pursuant to Section 3-107.C. you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the quality or volume of discharge.

Mr. Pearson
April 7, 1994
Page 2

Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire March 31, 1999 and you should submit an application for renewal in ample time before that date.

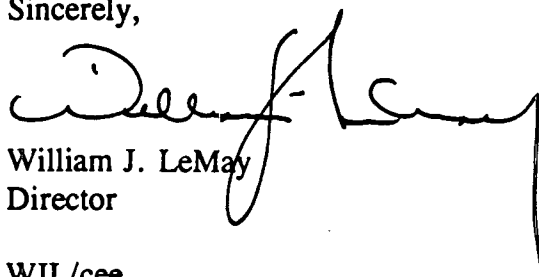
The discharge plan application for the Associated Natural Gas Inc. Rosa Compressor Station is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus a flat rate fee of six-hundred ninety (690) dollars for compressor stations with more than 1000 horsepower and less than 3000 horsepower.

The OCD has received your \$50 filing fee. The flat fee for an approved discharge plan may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.

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

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

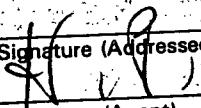
Sincerely,


William J. LeMay
Director

WJL/cee
Attachment

xc: Denny Foust - OCI

Is your RETURN ADDRESS completed on the reverse side?

SENDER: <ul style="list-style-type: none">• Complete items 1 and/or 2 for additional services.• Complete items 3, and 4a & b.• Print your name and address on the reverse of this form so that we can return this card to you.• Attach this form to the front of the mailpiece, or on the back if space does not permit.• Write "Return Receipt Requested" on the mailpiece below the article number.• The Return Receipt will show to whom the article was delivered and the date delivered.		ROSA CS GW 1611 I also wish to receive the following services (for an extra fee): <ul style="list-style-type: none">1. <input type="checkbox"/> Addressee's Address2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: Mr. Robert Pearson Associated Natural Gas Inc PO Box 5493 DENVER, CO 80217		4a. Article Number P 176 012 081	
5. Signature (Addressee) 		4b. Service Type <ul style="list-style-type: none"><input type="checkbox"/> Registered<input checked="" type="checkbox"/> Certified<input type="checkbox"/> Express<input type="checkbox"/> Insured<input type="checkbox"/> Return Receipt for Merchandise	
6. Signature (Agent)		7. Date of delivery APR 12 1994	
		8. Address and fee paid (only if requested)	

PS Form 3811, December 1991 *U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

ATTACHMENT TO THE DISCHARGE PLAN GW-161 APPROVAL
ASSOCIATED NATURAL GAS, INC
ROSA COMPRESSOR STATION
DISCHARGE PLAN REQUIREMENTS
(April 7, 1994)

1. Drum Storage: All drums will be stored on pad and curb type containment and will be approved by the OCD prior to installation.
2. Sump Inspection: Any new sumps or below-grade tanks will incorporate leak detection in their designs.
3. Berms: All tanks that contain materials other than freshwater will be bermed to contain one and one-third (1-1/3) the capacity of the largest tank within the berm or one and one-third (1-1/3) the total capacity of all interconnected tanks.
4. Pressure testing: All discharge plan facilities are required to pressure test all underground piping at the time of discharge plan renewal. All new underground piping shall be designed and installed to allow for isolation and pressure testing at 3 psi above normal operating pressure.
5. Spills: All spills and/or leaks will be reported to the OCD district office pursuant to WQCC Rule 1-203 and OCD Rule 116.
6. OCD Inspection: Additional requirements may be placed on the facility based upon results from OCD inspections.
7. Non-disturbance plan: operation will be in accordance with the plan for non-disturbance committed to in the correspondence dated March 21, 1994.

OIL CONSERVATION DIVISION
RECEIVED

MAR 24 AM 8 39

ESOI

ENVIRONMENTAL
SERVICES, INC.

March 21, 1994

Mr. Chris Eustice
Oil Conservation Division
Energy, Minerals, and Natural Resources Department
State of New Mexico
PO Box 2088
Santa Fe, New Mexico 87504

Dear Mr. Eustice

On behalf of Associated Natural Gas, Inc. (ANGI) we are responding to the following comments and requests for additional information based upon OCD's review of the discharge plan application for ANGI's Rosa Compressor Station. OCD's comments and requests are presented below in italics. Our response follows.

1. Submit a plan for non-disturbance regarding the effects of the discharge plan on the wildlife resources listed in the United States Field and Wildlife Service (USFW) letter.

As part of the public review process, the USFW has prepared a list of federally listed and candidate species that may be in the facility area. ANGI will not unnecessarily disturb or destroy wetlands, riparian vegetation, and any identified threatened or endangered species' sensitive habitat on or near the facility. If adverse impacts during operation cannot be avoided, ANGI will notify the USFW so that the adverse impacts can be discussed in greater detail. ANGI will inform on-site employees of any threatened or endangered species and habitat on or near the site to increase individual awareness of these issues.

2. Submit a chemical analyses of the lube oil for metals (I-cap Scan) and benzene (EPA Method 8020).

ESOI

5971 Jefferson NE
• Suite 104 •
• Albuquerque •
New Mexico 87109
505 • 345 • 3900

We have contracted Analytica Incorporated in Broomfield, Colorado to preform these analyses. The samples have been taken and the test results should be ready in two to four weeks (from March 15, 1994). These results will be forwarded to OCD as soon as they are received. We have enclosed a price quotation showing the tests and methods ordered from Analytica.

3. Please provide a facility diagram indicating the location of all tanks and berms on the facility

Enclosed you will find a revised plot plan of the Rosa Compressor Station showing the locations of all tanks and berms.

4. Please provide information detailing if the produced water tank has pad and curb type containment.

The dehydrator produced water tank has been placed on a steel rack which elevates the tank base 6-inches above the ground. The rack rests on bare ground and is surrounded by a unlined earthen berm 2-feet tall and 19- by 13-feet square.

5. Please provide a description of the waste oil storage tank and the proposed method of containment (berm or secondary containment).

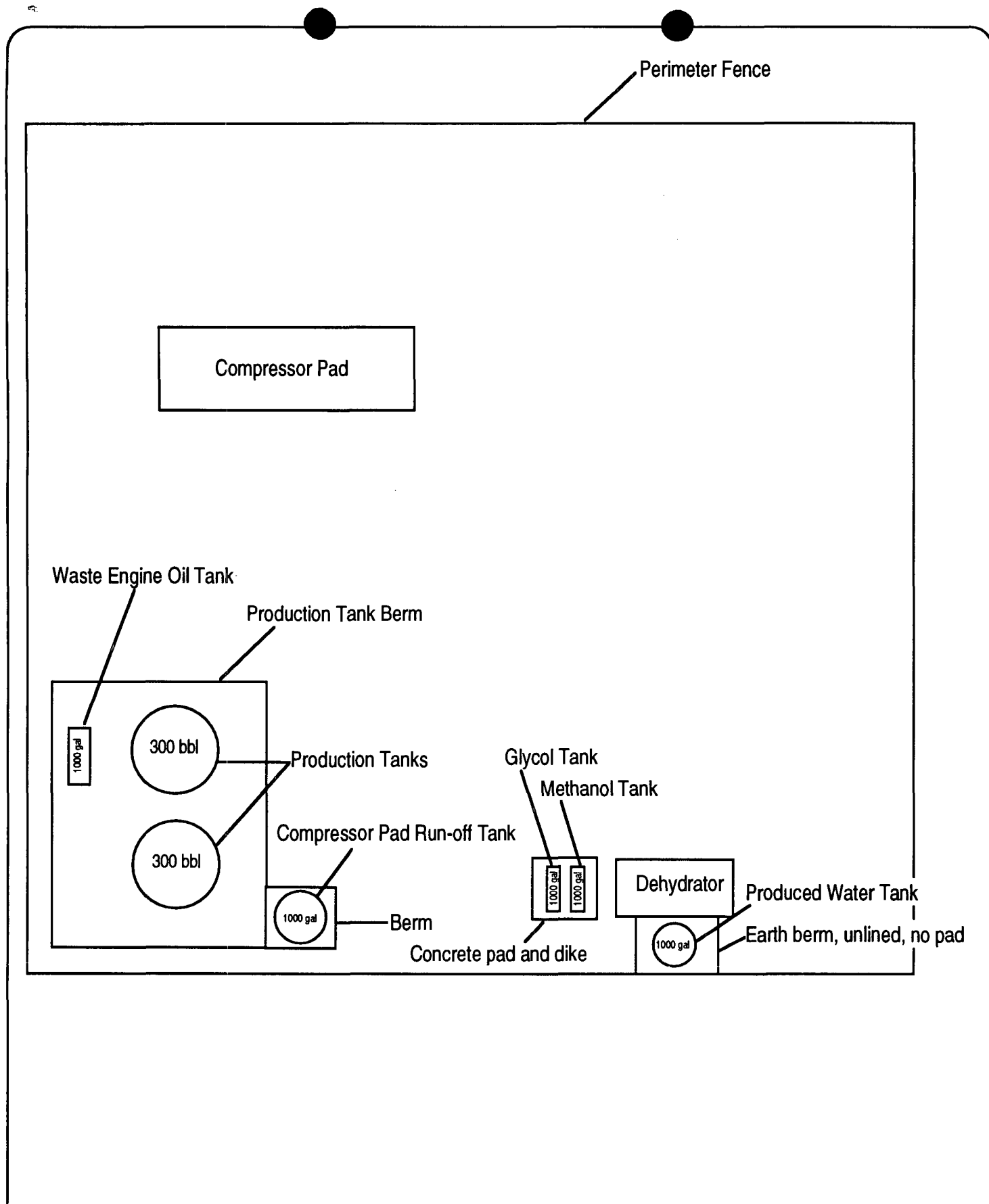
The waste oil storage tank is a 4-foot diameter, 11-foot long horizontal steel tank welded to a skid constructed of 3-inch "I" beams. The tank is above-grade and rests within the lined berm reserved for the compressor production tanks.

Sincerely

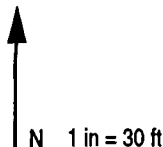


Robin K. DeLapp
Environmental Technician

cc: Robert L. Pearson, Manager of Environmental Affairs,
Associated Natural Gas, Inc.



ES•I



Rosa Compressor Station Layout Showing Tank Locations and Berms



QUOTATION FOR ANALYTICAL SERVICES

325 Interlocken Parkway, Suite 200, Broomfield, CO 80021, (303) 469-8868, (800) 873-8707, FAX: (303) 469-5254

an Analytica Group company

CSN: 403155

Quote: KS

Proj ID: RSI

TAT: 15 Working Days

Date: 03/15/94

Revision:

Date Expected: 03/22/94

QC Level: 2

Quote Expires: 04/14/94

Contact: Robin Delapp

Company: Environmental Services, Inc.

Address: 5971 Jefferson H.E.

Suite 104

Albuquerque, NM 87109

Phone: 505-345-3900 FAX 505-345-0042

Sample Matrix	Method Code	Description	Sample Num	Unit Price	Total Price
Organic	SW 3050/6010	ICP METALS, Total	1	216.00	216.00
Organic	SW 8020A	AROMATIC VOLATILE ORGANICS	1	120.00	120.00
Organic		SAMPLE DISPOSAL	1	10.00	10.00
		Charges for Shipping Costs	1	35.00	35.00

Surcharge %: 0.00

Subtotal: 381.00

Discount %: 0.00

Total: 381.00

Comments:

Unit prices (QC# 2) include a method blank and method blank spike per batch

Analytica reserves the right to reduce or renegotiate any discounts applied to a quotation in which sampling volumes deviate by more than 20% from the original projected scope.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

February 24, 1994

CERTIFIED MAIL
RETURN RECEIPT NO. P-111-334-083

Mr. Robert L. Pearson
Associated Natural Gas, Inc.
P.O. Box 5493
Denver, Colorado 80217

**RE: Discharge Plan Submittal
Associated Natural Gas, Inc.
Rosa Compressor Station
Rio Arriba County, New Mexico**

Dear Mr. Pearson:

The New Mexico Oil Conservation Division (OCD) has received and is in the process of reviewing the discharge plan application dated January 11, 1994 for the above-referenced facility.

The following comments and requests for additional information are based upon OCD's review of the application.

1. The United States Department of Interior, Fish and Wildlife Service (USFW) responded to public notification of your application with the attached letter to the OCD. Please Submit a plan for non-disturbance regarding the effects of the discharge plan on the wildlife resources listed in the USFW letter.
2. Page 2 of your application states "compressor discharge to the production tanks is expected to contain trace quantities of lubricating oil and hydrocarbons". Please submit a chemical analyses of the lube oil for metals (I-cap Scan) and benzene (EPA Method 8020).

Mr. Robert L. Pearson
February 24, 1994
Page 2

3. The facility diagram did not detail the location of all seven tanks and their respective berms, if any. Please provide a facility diagram indicating the location of **all** tanks and berms on the facility.
4. A description of the produced water tank indicated it to be placed on a rack above grade but did not state if there is pad and curb type containment below the tank. The OCD requires all drums and saddle tanks be stored on pad and curb type containment. Please provide information detailing if this tank has pad and curb type containment.
5. A description of the waste oil storage tank did not clearly describe if this tank is above-grade or below-grade and if it has containment. Please provide a description of this tank and the proposed method of containment (bermed or secondary containment).
Submission of the above information will allow review of your application to continue.

If you have any questions contact me at (505) 827-5824.

Sincerely,



Chris Eustice
Environmental Geologist

xc: Denny Foust, OCD Aztec Office



**UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services**

Oil Conservation Division
RECEIVED

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

SALE FEB 11 1994 8 35

February 11, 1994

Permit #GW94017
Cons. #2-22-94-I-196

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

Dear Mr. LeMay:

This responds to the notice of publication received by the U.S. Fish and Wildlife Service (Service) on January 20, 1994, regarding effects of the Oil Conservation Division (OCD) discharge plan application No. GW-161, on fish, shellfish, and wildlife resources in New Mexico.

The Service has the following comments on the issuance of the discharge plan application:

GW-161 Associated Natural Gas, Incorporated has submitted a discharge plan application for their Rosa Compressor Station located in the SW/4 SE/4 section 26, T. 31 N., R. 4 W., Rio Arriba County, New Mexico. The applicant proposes to discharge approximately 9 gallons per day of process wastewater with total dissolved solids concentration of 1500 mg/l in a closed top fiberglass tank prior to offsite disposal at an OCD approved disposal facility.

Following review of the information in your notice of publication, we are submitting a list of federally listed and candidate species that may be in the project area:

black-footed ferret	Endangered
Mexican spotted owl	Threatened
southwestern willow flycatcher	Proposed Endangered with Critical Habitat
Apache northern goshawk	Category 2 candidate
loggerhead shrike	Category 2 candidate
occult little brown bat	Category 2 candidate
spotted bat	Category 2 candidate

Category 2 candidate species are those for which the Service has information indicating that proposing to list is possibly appropriate, but for which substantial data on biological vulnerability or threats are not currently available to support the immediate preparation of such rules. Candidate species have no legal protection under

Mr. William J. LeMay, Director

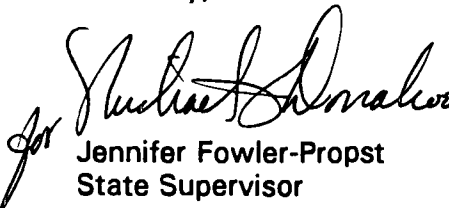
2

the Endangered Species Act and are included for planning purposes only. Because these species are of concern, the Service would appreciate receiving any status information that is available or gathered on these species.

Wetlands, riparian vegetation, and the above listed species' sensitive habitat(s) on or near the site should also be protected. If adverse impacts cannot be avoided, we would appreciate discussing your project in more detail.

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

Sincerely,


for Jennifer Fowler-Propst
State Supervisor

Enclosure

cc: (w/o enc)

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

Species List
Rosa Compressor Station
Discharge Plan Application No. GW-161
Rio Arriba County, New Mexico
February 11, 1994

Endangered

Black-footed ferret (Mustela nigripes) - This species is usually found in association with prairie dog towns in grassland plains and surrounding mountain basins up to 10,500 feet elevation. A survey for black-footed ferrets is required if the prairie dog town is over 80 acres for black-tailed prairie dogs and 200 hundred acres for white-tailed and Gunnison's prairie dogs. If the prairie dog town is greater than 1,000 acres, then the area should be evaluated for possible reintroduction of black-footed ferrets.

Authority: Dean Biggins, U.S. Fish and Wildlife Service,
National Ecology Research Center, 4512 McMurray Avenue, Fort Collins,
Colorado 80525-3400, (303) 226-9467.

Threatened

Mexican spotted owl (Strix occidentalis lucida) - Occurs in varied habitat, consisting primarily of mature montane forest and woodland and shady canyons. In forested habitat, uneven-aged stands with a high canopy closure, high tree density, multilayered canopy, and a terrain with slopes greater than 15 degrees appear to be key habitat characteristics.

Authority: Sandy Williams, New Mexico Department of Game and Fish,
P.O. Box 25112, Santa Fe, New Mexico 87504, (505) 827-9914.

Proposed Endangered with Critical Habitat

Southwestern willow flycatcher (Empidonax traillii extimus) - This species inhabits thickets, riparian woodlands, pastures, and brushy areas. It is a sparrow sized, olive green flycatcher with a dark head, whitish throat, olive breast, and yellow belly. It has no eye ring and its wings have two white bars.

Authority: Sandy Williams, New Mexico Department of Game and Fish,
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Category 2 Candidates

Apache northern goshawk (Accipiter gentilis apache) - A heavy bodied accipiter with a dark grey-blue back, grey underparts, dark crown, broad white eye stripe, barred tail, and white undertail coverts. This species prefers dense coniferous forests, pine-oak woodlands, and other wooded areas.

Authority: Sandy Williams, New Mexico Department of Game and Fish,
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Loggerhead shrike (Lanius ludovicianus) - This species inhabits grass/shrubland, open woodland, and chaparral. The bird is rare to fairly common at lower and locally at middle elevations; casual at higher elevations. Resident statewide.

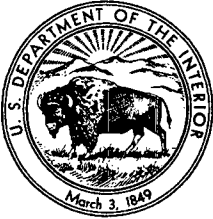
Authority: Steve Lewis, U.S. Fish and Wildlife Service, Bishop Henry Whipple Federal Building, One Federal Drive, Fort Snelling, Minnesota, 55111-4056, (612) 725-313.

Occult little brown bat (Myotis lucifugus occultus) - This species is a montane dweller and roosts in natural caves, mine tunnels, hollow trees, or buildings.

Authority: Scott Altenbach, University of New Mexico, Department of Biology, Albuquerque, New Mexico 87131, (505) 277-3411.

Spotted bat (Euderma maculatum) - This bat is found in several national forests in New Mexico. This species tends to occur in remote areas, selecting specialized roosting sites. The presence of streams and nearby cliffs or steep hillsides with loose rocks may be habitat for this bat.

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**UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services**

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

OIL CONSERVATION DIVISION
RECEIVED

94 FEB 15 AM 8 35

February 11, 1994

Permit #GW94017
Cons. #2-22-94-I-196

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

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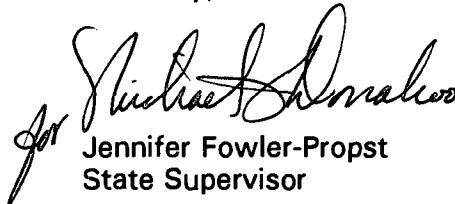
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Sincerely,


Jennifer Fowler-Propst
State Supervisor

Enclosure

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CLA-22-A (R-1/93) ACCOUNT NUMBER C 81184

**NOTICE OF
PUBLICATION
STATE OF
NEW MEXICO**

NEW MEXICO
ENERGY, MINERALS AND
NATURAL RESOURCES
DEPARTMENT OIL
CONSERVATION DISTRICT

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

(GW-161) - Associated Natural Gas, Incorporated, Robert L. Pearson, Manager of Environmental Affairs, 900 Republic Plaza, 370 Seventeenth Street, Denver, Colorado, 80202, has submitted a discharge plan application for their Ross Compressor Station located in the SW/4 SE/4 Section 26, Township 31 North, Range 4 West, NMPM, Rio Arriba

County, New Mexico.

Approximately 9 gallons per day of process wastewater with total dissolved solids concentration of 1500 mg/l is stored in a closed top fiberglass tank prior to offsite disposal at an OCD approved disposal facility. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 20 feet with a total dissolved solids concentration of approximately 2000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

County of Rio Arriba

(S.S.)

I, Robert Trapp, being first duly sworn, declare and say that I am the Publisher of the Rio Grande Sun, a weekly newspaper, published in the English language, and having a general circulation in the City of Espanola and County of Rio Arriba, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy of which is hereto attached,

was published in said paper once each week for consecutive weeks, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and

not in any supplement, the first publication being on the 27th day of Jan 94 and the last publication on the 27th day of Jan 94; that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Robert Trapp

Publisher

Subscribed and sworn to before me this 5/1/62

day of Jan....., A.D., 1994

Ruth S. Sapp

Notary Public

My Commission expires

5-17-97

NOTICE OF PUBLICATION

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

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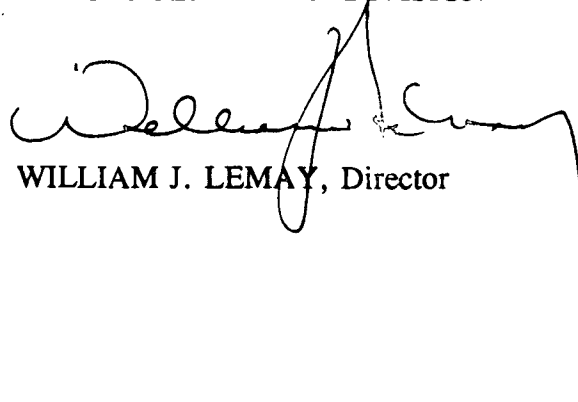
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If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

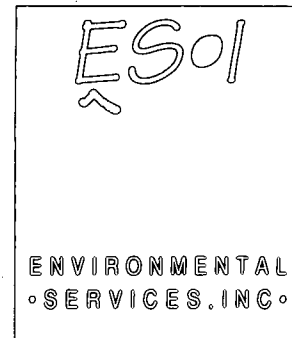
GIVEN under the Seal of New Mexico Oil Conservation Division at Santa Fe, New Mexico, on
this 14th day of January, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

A handwritten signature in black ink, appearing to read 'William J. Lemay', with a long, sweeping vertical line extending downwards from the end of the signature.

WILLIAM J. LEMAY, Director

SEAL



RECEIVED

JAN 11 1994

OIL CONSERVATION DIV
SANTA FE

Tue, Jan 11, 1994

Mr. Roger Anderson
Oil Conservation Division
Energy, Minerals, and Natural Resources Department
State of New Mexico
PO Box 2088
Santa Fe, New Mexico 87504

Dear Mr. Anderson


On behalf of Associated Natural Gas, Inc. (ANGI) we are submitting three copies of the discharge plan for ANGI's Rosa Compressor Station. The plan has been prepared in accordance with Water Quality Control Commission (WQCC) Regulation 3-106 and current practice for such plans.

On December 21, 1993, ANGI requested 120 days to operate the Rosa Compressor Station without a discharge plan as specified in WQCC 3-106 A. The facility was in full production and operation as of October 22, 1993.

We are also enclosing a total of \$50.00 in filing fees, as specified in WQCC 3-114. Please advise ANGI of your decision regarding operation prior to approval of the discharge plan. Please advise us of any required changes or additions to the discharge plan.

Sincerely

Robert A. Cudney


5971 Jefferson NE
• Suite 104 •
• Albuquerque •
New Mexico 87109
505 • 345 • 3900

Discharge Plan for Rosa Compressor Station

January 11, 1994

prepared for

**Associated Natural Gas, Inc.
900 Republic Plaza
370 Seventeenth Street
Denver, Colorado 80217**

The logo for Environmental Services, Inc. (ES&I) is displayed in white on a black rectangular background. The letters 'E', 'S', and 'I' are stylized, with an ampersand between 'S' and 'I'. A small registered trademark symbol (®) is located to the right of the 'I'.

ENVIRONMENTAL
•SERVICES, INC. •

5971 Jefferson NE
Suite 104
Albuquerque,
New Mexico 87109
505•345•3900

Associated Natural Gas, Inc.
Rosa Compressor Station
Discharge Plan

This Discharge Plan has been prepared in accordance with Oil Conservation Division "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Processing Plants" and the New Mexico Water Quality Control Commission regulations 3-104 and 3-106.

1 General Information

Associated Natural Gas, Inc. has constructed a natural gas compressor station, known as Rosa Compressor Station in Rio Arriba County located approximately 20 km southwest of Dulce, NM and approximately 24 km south of the Colorado-New Mexico border. This facility began full production and operation on October 22, 1993. On December 21, 1993, Associated Natural Gas requested 120 days to operate the Rosa Compressor Station without a discharge plan.

All spills, leaks, and discharges from this site will be handled in accordance with OCD regulations, customary practices, and common sense.

Discharger:

Associated Natural Gas, Inc.
900 Republic Plaza
370 Seventeenth Street
Denver, Colorado 80202
Attention: Robert L. Pearson, Manager of
Environmental Affairs
(303) 595-3331

Location of discharge:

Section 26, Township 31 North, Range 4 West
Rio Arriba County, New Mexico
UTM Zone 13; 301.850kmE, 4082.000kmN
(see Figure 1)

Type of operation:

Associated Natural Gas, Inc. has installed a field compressor station consisting of

- a Waukesha L 7042 GL natural gas engine
- a pig receiver
- 300 MMSCFD slug catcher
- 30 MMSCFD separator
- generator
- fuel and sales meter
- two production tanks
- one waste oil tank
- one dehydrator
- one dehydrator production tank
- one runoff tank (for compressor and dehydrator pads)
- two tanks for glycol and methanol storage

These components of the site are discussed separately in Section 2 of this application. A site plan is attached (see Figure 2).

2 Plant Processes

Effluent Sources, Characteristics, and Handling

Compressor. Installed at this facility is a Waukesha L 7042 GL 1318 hp (derated) 12-cylinder, turbocharged, high compression reciprocating natural gas engine. The compressor is mounted on a diked concrete pad. Washdown water, spills, and drips are piped from the pad to a central 1000-gallon run-off tank.

Associated Natural Gas, Inc. is responsible for maintenance of the compressor and for removal of waste lube oil. Approximately 400 gallons of waste lube oil are expected to be generated annually. Waste oil from compressor packing and from filter case drains is piped to a 1000-gallon waste oil storage tank. Waste oil generated by the compressor is to be hauled in bulk annually by D & D Oil Disposal of Farmington, New Mexico. All waste oil will be hauled from the site in accordance with OCD regulations.

The monthly volume of accumulated water from the compressor is 25 barrels going to the production tanks and 1.5 barrels going to the runoff tank. The compressor discharge to the production tanks is expected to contain trace quantities of lubricating oil and hydrocarbons. It is expected to be saline.

The compressor will be washed down approximately every two months using 150 gallons of water. Wash water will be piped to the 1000-gallon run-off tank.

Tanks. The facility is equipped with seven tanks:

- Two above-grade steel 300-barrel production tanks are located within the production tank berm. The production berm is designed to accommodate 660 barrels of spillage (total capacity plus 10 percent). These tanks will receive accumulated water from the compressor, slug catcher, dehydrator, and the separator. The diameter and depth of each tank is 12 feet in diameter by 15 feet high.
- One 1000-gallon below-grade fiberglass tank accommodates run-off from both the compressor and glycol skid pads. This tank has been tarred and wrapped with X150 permalon barrier material and features a port with which to monitor for leakage between the tank and the barrier. The diameter and depth of this tank is 8 feet by 3 feet horizontal.
- One 1000-gallon above-grade fiberglass tank accommodates produced water from the dehydrator and is located next to the dehydrator. This tank has been placed on a rack above grade to monitor for leakage. The diameter and depth of this tank is 8 feet by 3 feet horizontal.
- Two 1000-gallon horizontal steel tanks for glycol and methanol storage are located on a walled concrete pad located next to the dehydrator and is sufficient to

accommodate 2154 gallons of spillage. The diameter and depth of this tank is 4 feet by 11 feet horizontal.

- One 1000-gallon horizontal steel tank for waste oil storage that has been coated with a layer of coal tar and resides near the compressor. The depth and diameter of this tank is 4 feet by 11 feet horizontal.

Dehydrator. A field dehydrator is located at the facility. The liquid from the dehydrator discharges into a 1000-gallon above-grade fiberglass tank located next to the dehydrator.

The monthly volume of accumulated water from the dehydrator is 270 gallons. The dehydrator discharge to the dehydrator production tank is expected to contain trace quantities of ethylene glycol.

Berm. The production tank berm measures 30-feet by 60-feet by 4-feet and consists of earth overlaid with a layer of permalon overlaid with four inches of gravel. All production and load-out lines are run to the above grade tanks located in this area. The approximate capacity of the enclosure is 660 barrels.

Pad. The methanol and glycol storage tanks are situated on a walled concrete pad which measures 12-feet by 12-feet by 2-feet. This pad is sufficient to accommodate 2154 gallons of spillage.

Effluent Handling and Site Housekeeping

This site will be visited daily by an Associated Natural Gas, Inc. employee. Leaks, spills, and drips will be handled in accordance with OCD rule 116 as follows:

- Small spills will be absorbed with soil and shoveled into drums for off-site disposal by an OCD-approved disposal contractor.
- Large spills will be contained with temporary berms. Free liquids will be pumped into drums. Contaminated soil will

be shoveled into drums for off-site disposal by an OCD-approved disposal contractor.

- Verbal and written notification of leaks or spills will be made to OCD in accordance with rule 116.
- All areas that have been identified during operation as susceptible to leaks or spills are paved, bermed, or otherwise contained to prevent the discharge of any effluents.

3 Effluent Disposal

All effluent from this site will be handled in accordance with OCD and NMED regulations. Effluent from this site is discharged from the compressor into two production tanks and one run-off tank and from the dehydrator into the dehydrator production tank. The total expected monthly accumulation of discharge is expected to be 33 barrels.

Compressor production water is presently disposed of by Southwest Water Disposal, Blanco, New Mexico. Any unevaporated dehydrator water as well as run-off water goes to Basin Disposal, Aztec, New Mexico. Accumulated water is hauled from the facility by Three Rivers Trucking, Farmington, New Mexico.

4 Site Characteristics

Rosa Compressor Station is located approximately 20 km southwest of Dulce, New Mexico and approximately 24 km south of the Colorado-New Mexico border. The site is rural in nature. It is located in irregular terrain at an elevation of approximately 6920 feet above mean sea level (MSL). The site is indicated on the attached Bixler Ranch 7.5 minute topographic map (Figure 1).

The facility is located approximately 20 feet in elevation above the Ulibarri Canyon drainage, a small intermittent stream and the nearest watercourse. This drainage flows into the Cabresto Canyon drainage which is a tributary to the Navajo Reservoir/Navajo River approximately 17 km west/northwest.

Rosa Compressor Station is located in the San Jose Formation. The youngest of the Tertiary bedrock units in the San Juan Basin, the San Jose Formation is characterized by

a sequence of interbedded sandstones and mudstones.

Computerized records from the State Engineer's office and well information from "Hydrogeology and Water Resources of San Juan Basin, New Mexico", by W.J. Stone, et. al., NMIMT 1983 were searched for locations of wells within the following townships and ranges: T30N, R3W; T30N R4W; T30N, R5W; T31N, R3W; T31N, R4W; T31N, R5W; T32N, R3W; T32N, R4W; T32N, R5W. Only nine wells were recorded within this area which measures 18 square miles centered roughly on the Rosa Compressor Station. Appendix A includes information on these nine wells and Figure 3 shows the relationship of these wells to the facility. This appears to be the only available information on the Total Dissolved Solids and depth to ground water in the area.

The elevation of the closest intermittent stream to the compressor station is approximately 6900 feet MSL. The elevation of the facility is 6920 feet MSL. It is, therefore, estimated that the subject facility is at least approximately 20 feet above the local water table. The Aquifer Sensitivity Map for Rio Arriba County, New Mexico which was compiled by Lee Wilson and Associates, Inc. for the New Mexico Environment Department in 1989 locates the facility as within a moderate aquifer sensitivity zone. This zone is defined as a location in which the depth to ground water is between 100 and 300 feet and the ground water contains 10,000 mg/l or less Total Dissolved Solids or the depth to ground water is less than 100 feet and the ground water contains more than 2000 mg/l Total Dissolved Solids.

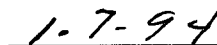
The only available Total Dissolved Solid information on area wells is for Well Number 8 located in T31N, R3W in Section 25 over 11 km east of the facility. Total Dissolved Solids for this well measures 482 mg/l.

Affirmation

I hereby certify that I am familiar with the information contained in and submitted with this discharge plan for the Rosa Compressor Station and that such information is true, accurate, and complete to the best of my knowledge and belief.

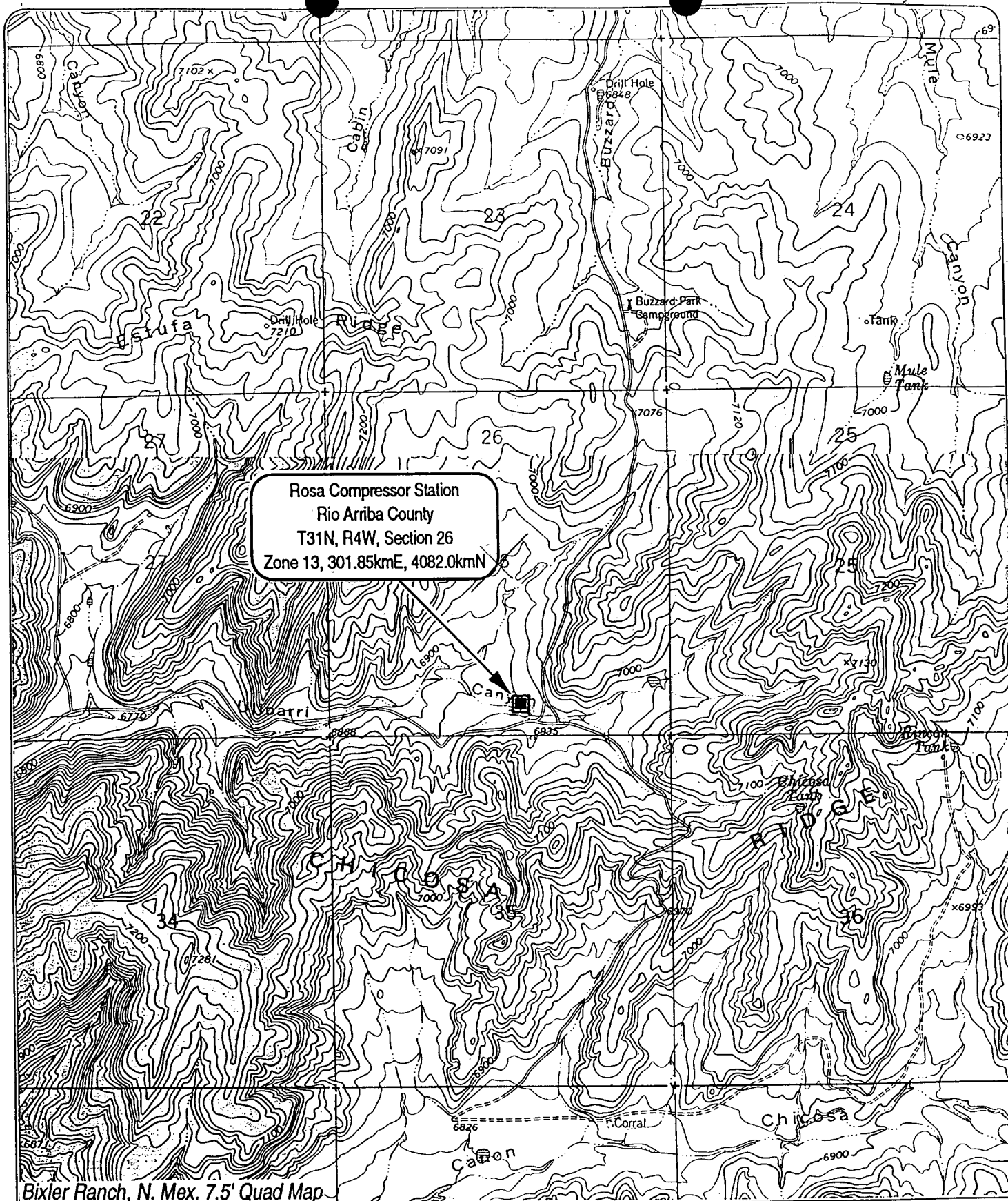


Signature



Date

Robert L. Pearson
Manager of Environmental Affairs
Associated Natural Gas, Inc.



ES·I

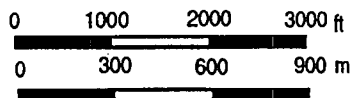
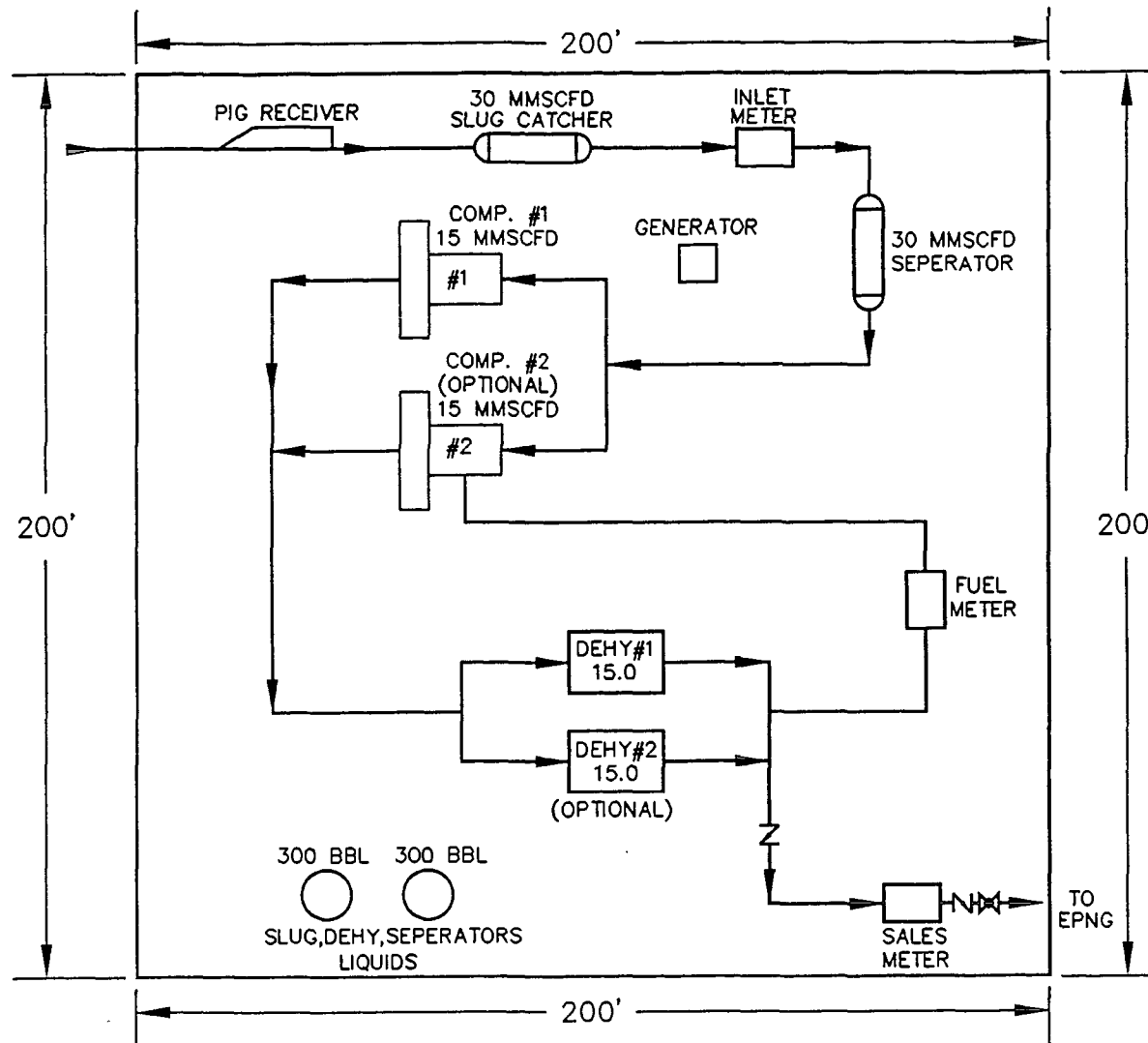


Figure 1
Location of Rosa Compressor Station



ANGI

ASSOCIATED NATURAL GAS, INC.

SCALE: N.T.S.

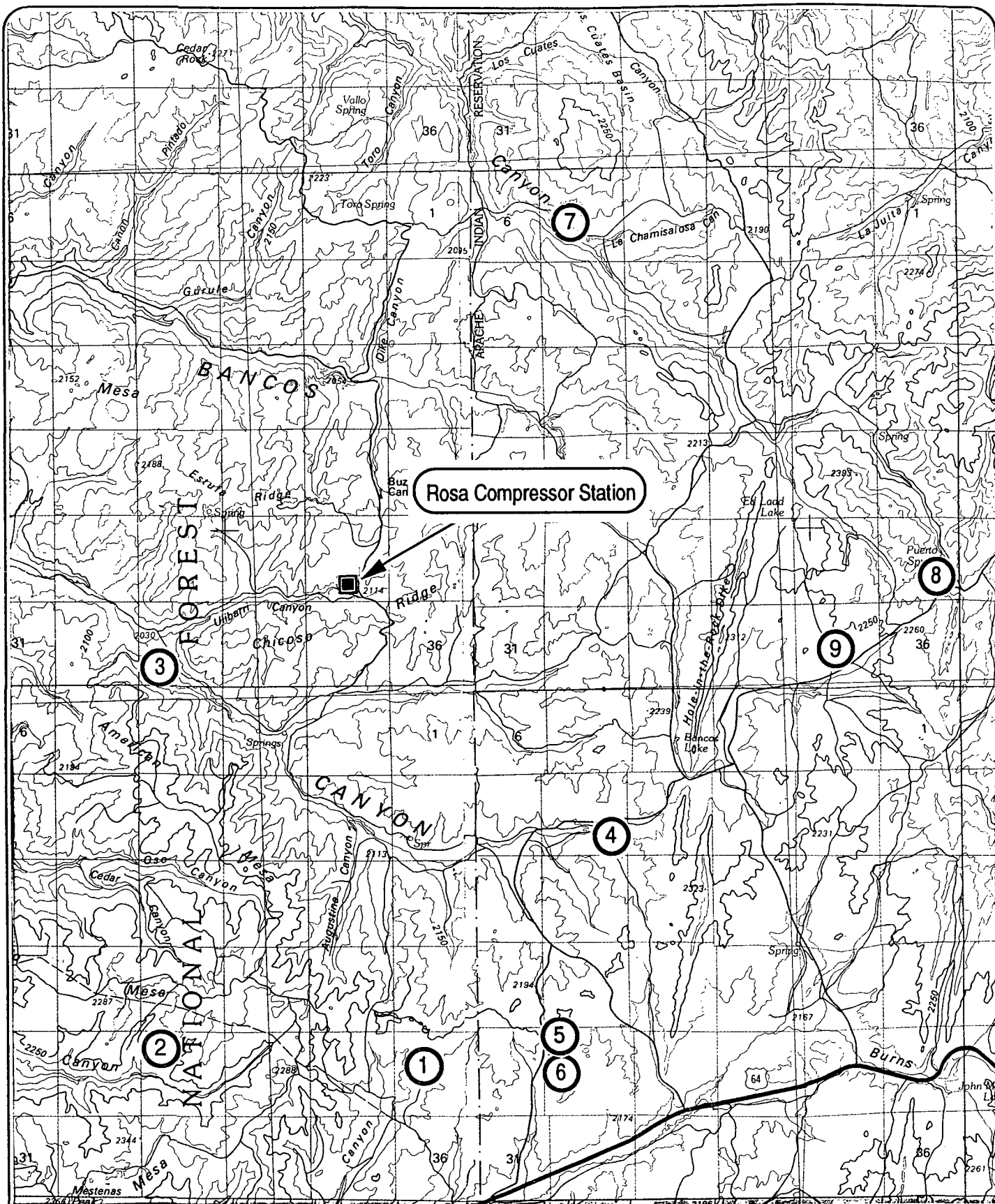
DATE: 1/5/94

DRAWN BY: AF

REVISED:

ROSA COMPRESSOR STATION

PROJ. NO.:



ES-1

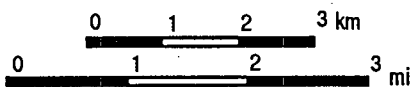


Figure 3
Map of Nearby Recorded Wells

Appendix A

Available Information on Wells in the Area

Well No	Date Drilled	T	R	Sec	Location	Elevation (ft)	Depth to Water		TDS mg/l
							(ft)	Micromho	
1	1/20/81	30 N	4 W	25	SE1/4 NW1/4	n/a	250	n/a	n/a
2	6/23/52	30 N	4 W	28	NW1/4	n/a	32	n/a	n/a
3	9/1/53	31 N	4 W	33	SW1/4	6670	8	n/a	n/a
4	8/12/72	30 N	3 W	8	SE1/4	7100	n/a	n/a	n/a
5	n/a	30 N	3 W	29	NW1/4	7235	n/a	n/a	n/a
6	n/a	30 N	3 W	29	NW1/4 SW1/4 NE1/4 NE1/4	7235	n/a	n/a	n/a
7	8/8/71	31 N	3 W	5	n/a	n/a	70	790	482
8	n/a	31 N	3 W	25	SE1/4 NE1/4 NW1/4	7560	n/a	n/a	n/a
9	8/17/71	31 N	3 W	35	n/a	n/a	20	n/a	n/a

HC 88825 \$1.00

Well D

READ INSTRUCTIONS ON BACK

Revised March 1972

APPLICATION TO APPROPRIATE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 75-11-1 NEW MEXICO STATUTES

1. Name and Address of Applicant:

File No. SJ-1291

Carson National Forest ATT: Jerry J. Caswell

P.O. Box 550

Taos, New Mexico 87571

2. Describe well location under one of the following subheadings:

a. SE 1/4 NW 1/4 of Sec. 25 Twp. 30N Rgc. 4W N. M. P. M., in
Pio Arriba County.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone
in the _____ Grant.

e. Give street address or route and box No. of property upon which well is to be located, or location by direction and
distance from known landmarks. Off Highway 2 on Forest road 310, 2 miles N.E.
Sixler Ranch. Project name, Vagueres Well Drilling

3. Approximate depth (if known) 426 feet; outside diameter of casing 6 inches.

Name of driller (if known) Gilbert Drilling Co. Box 973, Farmington, N.M. 87401

4. Use of water (check appropriate box or boxes):

☐ Household, non-commercial trees, lawn and garden not to exceed 1 acre.

☒ Livestock watering.

☐ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns in conjunction with
a commercial operation.

☐ Prospecting, mining or drilling operations to discover or develop natural resources.

☐ Construction of public works, highways and roads.

If any of the last three were marked, give name and nature of business under Remarks. (Item 5)

5. Remarks:

Jean S. Gilbert

I, Jean S. Gilbert, affirm that the foregoing statements are true to the best of my knowledge
and belief and that development shall not commence until approval of the permit has been obtained.

Carson National Forest, Applicant

By: [Signature]

Date: Sept. 22, 1980

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to the specific conditions numbered
4 on the reverse side hereof. This permit will automatically expire unless this well is
drilled or driven and the well record filed on or before Sept. 30, 1981.

S. E. Reynolds, State Engineer

By: [Signature]
E.C. Barry, Water Resources Spec. I
Water Rights Bureau

Date: 9/26/80

SJ-1291

File No. _____

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Carson National Forest Owner's Well No. 1
 Street or Post Office Address P.O. Box 558
 City and State Taos, New Mexico 87571

Well was drilled under Permit No. SJ-1291 and is located in the:

a. SE $\frac{1}{4}$ 13 $\frac{1}{4}$ 13 $\frac{1}{4}$ of Section 25 Township 30N Range 4W N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Gilbert Drilling Co. License No. WD-666

Address Box 973, Farmington, New Mexico 87401

Drilling Began 9/29/80 Completed 1/20/81 Type tools Rotary Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 500 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 250 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
200	235	35	Sand	?
380	390	10	"	3

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
10			0	15	15			
6			0				200	235
"				390	390		380	390

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	15	10		"	Uniformly poured
		03	10		Circulated

Section 5. PLUGGING RECORD

Plugging Contractor _____
 Address _____
 Plugging Method _____
 Date Well Plugged _____
 Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 1/22/81

Quad _____ FWL _____ FSL _____

File No. SJ-1291 Use Stk Location No. 30N.4W.25 410

its

San Juan County

[illegible]

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

John L. Hilbert
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

IMPORTANT — READ INSTRUCTIONS BEFORE FILLING OUT THIS FORM

HC 479A\$56.00

CHANGE OF OWNERSHIP OF WATER RIGHT

1. NAME OF WATER RIGHT OWNER OF RECORD El Paso Natural Gas Company
 Mailing Address P. O. Box 1492
 City and State El Paso, Texas 79978
 the owner and holder of a water right set forth in file number _____ of record in the office of the State Engineer has conveyed all of said right to:
 (all or part)
 Name Meridian Oil Production, Inc.
 Mailing Address P. O. Box 4289
 City and State Farmington, New Mexico 87499
2. IRRIGATION: The conveyed water right is appurtenant to lands described as follows (describe only lands with actual water right and diversion as that amount of water measured at the well and/or farm headgate):

SUBDIVISION (District or Hydrographic Survey)	SECTION	TOWNSHIP (Map No.)	RANGE (Tract No.)	ACREAGE	DIVERSION (Acre Feet Per Annum)	PRIORITY

TOTAL

OTHER: Purpose Industrial/Drilling/Development; Amount 81 (acre feet per annum of diversion); Priority 6/23/52.

3. DESIGNATE WELLS TO ACCOMPANY THE CONVEYED RIGHT: (To be executed if conveyance involves only a part of a ground water right):

WELL FILE NO.	SUBDIVISION (District or Hydrographic Survey)	SECTION	TOWNSHIP (Map No.)	RANGE (Tract No.)
<u>SJ-42</u>	<u>NW/4</u>	<u>28</u>	<u>30N</u>	<u>04W</u>

4. I HEREBY CONSENT TO A LAWFUL CHANGE IN THE PLACE AND/OR PURPOSE OF USE OF THE ABOVE-DESCRIBED WATER RIGHT: (To be executed if water right described above is a right for irrigation purposes and has been conveyed separate from the land to which it is appurtenant.)

The undersigned, being first duly sworn upon oath, deposes and says that he has read the foregoing statements and that the same are true to the best of his knowledge and belief.

William F. Lorang, P.E.

Subscribed and sworn to before me this 5th day of June, A.D., 19 85
GLORIA BOZANAGA
 Notary Public in and for the STATE of TEXAS
 My commission expires: 12-14-88 Gloria Bozanaga Notary Public

INSTRUCTIONS

Change of ownership shall be filed in triplicate and executed either by conveyor (seller) or by the new owner and shall be accompanied by a filing fee of \$1.00. If executed by the new owner it shall be accompanied by a certified copy of the deed or other instrument of conveyance.

FOR STATE ENGINEER USE ONLY

A _____ from _____ to _____
 (warranty deed, other)
 was found by me to be recorded on the _____ day of _____, A.D., 19 _____ on page _____
 of Book No. _____ of record of _____ County.
 By: _____ Date: _____
 Date Received June 17, 1985 File No. SJ-42

OFFICE
OF THE
STATE ENGINEER
EL PASO, TEXAS
JUN 18 1985

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

Amended Declaration of Owner of Underground Water Right

San Juan
BASIN NAME

Declaration No. SJ-42 Date received February 1, 1985

STATEMENT

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

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

3. Describe well location under one of the following subheadings:
a. 1/4 NW 28 Twp. 30N Rge. 4W N.M.P.M. in
Rio Arriba County.
b. Tract No. _____ of Map No. _____ of the _____
c. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone _____
in the _____ Grant.
On land owned by Lynch

4. Description of well: date drilled 6/23/52 driller Conley Cox depth 62 feet.
outside diameter of casing _____ inches; original capacity 50 gal. per min.; present capacity _____
as noted on original declaration: Misc. 1-RA-62; December 3, 1953
gal. per min.; pumping lift _____ feet; static water level _____ feet (above) (below) land surface;
make and type of pump IDECO Pump Jack
make, type, horsepower, etc., of power plant _____
Fractional or percentage interest claimed in well _____

5. Quantity of water appropriated and beneficially used _____ (acre feet per acre) _____ (acre feet per annum)
for Industrial purposes.

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

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

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

7. Water was first applied to beneficial use June 23 1952 and since that time
month day year
has been used fully and continuously on all of the above described lands or for the above described purposes except
as follows: _____

8. Additional statements or explanations Well still in use and is being held on standby
for future water requirements for oil and gas exploration and development
drilling.

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

El Paso Natural Gas Company, declarant.

by: W. F. Lorang

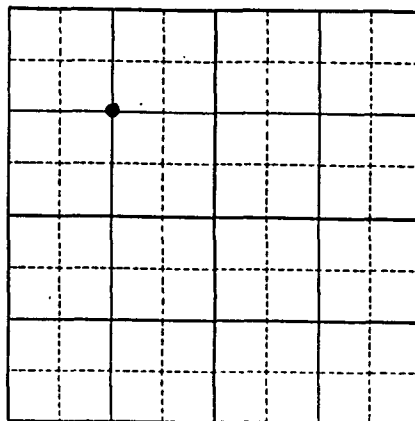
Subscribed and sworn to before me this 30th day of January, A.D. 1985

My commission expires December 14, 1985 Blaine Brown Notary Public

FILED
UNDER NEW MEXICO LAND ACQUISITION ACT, 1905, IN CONNECTION WITH THE CLAIM.
ACCEPTANCE FOR FILING DOES NOT CONSTITUTE A REVIEW OR ENDORSEMENT OF THE CLAIM.

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

Section (s) 28, Township 30N, Range 4W N. M. P. M.



INSTRUCTIONS

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

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

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

Secs. 1-3. Complete all blanks.

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

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

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest $2\frac{1}{4}$ acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

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

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

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

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

Declaration of Owner of Underground Water Right

Misc. 1-RR-6 Misc. 2
 Declaration No. Misc. 1-RR-62 Book Misc. 1 Date received December 3, 1953

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

John F. Schaffer declarant.
 Chief Civil Engineer
 El Paso Natural Gas Company

Subscribed and sworn to before me this 30th day of November, A.D. 1953.
 My commission expires June 1, 1955

A. H. Viescas Notary Public
 Notary Public, in and for El Paso County, Texas
 My commission expires June 1, 1955

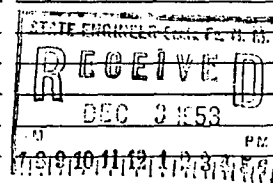
STATEMENT

1. Name of water right owner Lynch (initials unknown)
 of Dulce
 County of Rio Arriba, State of New Mexico
2. Source of water supply Shallow
 (state whether artesian or shallow water basin)
 located in San Juan River Watershed
 (name of underground stream, valley, artesian basin, etc.)
3. The well is located in the 1/4 30N 4W NW 1/4
 of section 28, Township 30N, Range 4W, N.M.P.M.
 on land owned by Lynch (Pat. Land)
4. Description of well: date drilled 6-23-52 driller Conley Cox depth 62 feet.
 diameter (outside) of casing 50 inches; original flow 32 gal. per min.;
 present flow 32 gal. per min.; maximum pumping lift 32 feet;
 make and type of pump Ideco Pump Jack
- make, type, horsepower, etc., of power plant International U2A

Fractional or percentage interest claimed in well Used by E. P. N. G. whenever needed

5. Quantity of water appropriated and beneficially used 50 GPM
 (feet depth or acre feet per acre)
 for None purposes.
6. Acreage actually irrigated and with water right None acres,
 located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner



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

7. Water was first applied to beneficial use 6-23-52 and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows: Released to Lynch, used by E. P. N. G. intermittently.

8. Additional statements or explanations

Used
 1/11/54

(This form is to be executed in triplicate)

WELL RECORD

Date of Receipt December 3, 1953Permit No. Misc. 1-RR-6
Misc. 1-RA-62Name of permittee, El Paso Natural Gas CompanyStreet or P. O. Box 997, City and State Farmington, New Mexico

1. Well location and description: The shallow well is located in 1/4 1/4,
(shallow or artesian)
NW 1/4 of Section 28, Township 30N, Range 4W; Elevation of top of
casing above sea level, feet; diameter of hole, inches; total depth, 62 feet;
depth to water upon completion, 32 feet; drilling was commenced 6-23, 1952
and completed 6-25, 1952; name of drilling contractor Conley Cox
Box 785; Address, Aztec, N. M.; Driller's License No. 85-010695

2. Principal Water-bearing Strata:

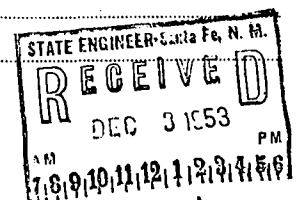
	Depth in Feet		Thickness	Description of Water-bearing Formation
	From	To		
No. 1	35	57	22	Sand
No. 2				
No. 3				
No. 4				
No. 5				

3. Casing Record:

Diameter in inches	Pounds per ft.	Threads per inch	Depth of Casing or Liner		Feet of Casing	Type of Shoe	Perforation	
			Top	Bottom			From	To
					62		32	62

4. If above construction replaces old well to be abandoned, give location: 1/4, 1/4, 1/4
of Section , Township , Range ; name and address of plugging contractor,

date of plugging , 19 ; describe how well was plugged:



Files Misc. 2-L-16
Misc. 2-L-17
Misc. 1-RA-62
Misc. 1-SJ-54 to Misc. 1-SJ-61, incl.

September 15, 1954

Mr. E. G. Minton, Jr.
Supervisor, District II
Roswell, N.M.

Dear E. G.:

Enclosed are the following declarations for distribution:

Misc. 2 - L - 16 and Misc. 2 - L 1 17.

With reference to your letter of August 21, 1954, please be advised that the declarations submitted with H.C. 12022, in the amount of \$11.00, were as follows:

Misc. 2-L-16	Misc. 1-Rio-Arriba-62
Misc. 2-L-17	Misc. 1-SJ-54 to Misc.1-SJ-61, incl.

This house check has now become earned with the filing of the two declarations sbumitted by you.

Very truly yours,

John R. Erickson
State Engineer

By:
Frank E. Irby
Chief
Water Rights Division

ma
encl.

HC 479A \$56.00

1. NAME OF WATER RIGHT OWNER OF RECORD El Paso Natural Gas Company
Mailing Address P. O. Box 1492
City and State El Paso, Texas 79978
the owner and holder of a water right set forth in file number _____
of record in the office of the State Engineer has conveyed all of said right to:
(all or part)
Name Meridian Oil Production, Inc.
Mailing Address P. O. Box 4289
City and State Farmington, New Mexico 87499

2. **IRRIGATION:** The conveyed water right is appurtenant to lands described as follows (describe only lands with actual water right and diversion as that amount of water measured at the well and/or farm headgate):

[illegible]

OTHER: Purpose Industrial/Drilling/Development ; Amount 24 (acre feet per annum of diversion); Priority 9/53 .

3. **DESIGNATE WELLS TO ACCOMPANY THE CONVEYED RIGHT:** (To be executed if conveyance involves only a part of a ground water right):

WELL FILE NO.	SUBDIVISION (District or Hydrographic Survey)	SECTION	TOWNSHIP (Map No.)	RANGE (Tract No.)
SJ-49	SW/4	33	31N	04W

4. I HEREBY CONSENT TO A LAWFUL CHANGE IN THE PLACE AND/OR PURPOSE OF USE OF THE ABOVE-DESCRIBED WATER RIGHT: (To be executed if water right described above is a right for irrigation purposes and has been conveyed separate from the land to which it is appurtenant.)

The undersigned, being first duly sworn upon oath, deposes and says that he has read the foregoing statements and that the same are true to the best of his knowledge and belief.

William F. Lorang, P.E.

Subscribed and sworn to before me this: 5th day of June, A.D., 19 85
 Notary Public in and for STATE OF TEXAS
 My commission expires: My Commission Expires 12-14-88 Gloria Bocanegra Notary Public

INSTRUCTIONS

Change of ownership shall be filed in triplicate and executed either by conveyor (seller) or by the new owner and shall be accompanied by a filing fee of \$1.00. If executed by the new owner it shall be accompanied by a certified copy of the deed or other instrument of conveyance.

FOR STATE ENGINEER USE ONLY

A _____ from _____ to _____
(warranty deed, other)
was found by me to be recorded on the _____ day of _____, A.D. 19____ on page _____
_____ of Book No. _____ of record of _____ County.
By: _____ Date: _____
Date Received June 17, 1985 File No. SJ-49

Date Received June 17, 1985

File No. SJ-49

ALBUQUERQUE, N MEX

Revised December 1975

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

Amended Declaration of Owner of Underground Water Right

San Juan
BASIN NAME

Declaration No. SJ-49 Date received February 1, 1985

STATEMENT

1. Name of Declarant El Paso Natural Gas Company
 Mailing Address P. O. Box 1492
 County of El Paso, State of Texas
2. Source of water supply Artesian
 (artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings:
 a. 1/4 SW 1/4 of Sec. 33 Twp. 31N Rge. 4W N.M.P.M., in
Rio Arriba County.
 b. Tract No. _____ of Map No. _____ of the _____
 c. X = _____ feet, Y = _____ feet, N. M. Coordinate System _____ Zone
 in the _____ Grant.
 On land owned by USA
4. Description of well: date drilled September 1953 driller Conley Cox depth 112 feet.
 outside diameter of casing 8-5/8 inches; original capacity 25 gal. per min.; present capacity 15
 as noted on original declaration: Misc. 1-RA-85; January 13, 1954.
 gal. per min.; pumping lift _____ feet; static water level _____ feet (above) (below) land surface;
 make and type of pump _____
 make, type, horsepower, etc., of power plant _____
 Fractional or percentage interest claimed in well _____
5. Quantity of water appropriated and beneficially used 24
 (acre feet per acre) (acre feet per annum)
 for Industrial purposes.
6. Acreage actually irrigated N/A acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

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

7. Water was first applied to beneficial use September 1953 and since that time
 month day year
 has been used fully and continuously on all of the above described lands or for the above described purposes except..
 as follows: _____

8. Additional statements or explanations This well is being held on standby for future water requirements for oil and gas exploration/development drilling.

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

El Paso Natural Gas Company, declarant.

by: William F. Lorang

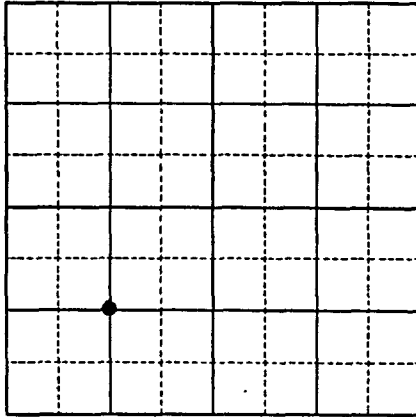
Subscribed and sworn to before me this 30th day of January, A.D. 19 85

My commission expires December 14, 1985 Blanca Dorego Notary Public

FILED
 UNDER NEW METHOD FOR RECORDING DEEDS, ETC., IN THE COUNTY OF EL PASO, TEXAS.
 ACCEPTANCE FOR FILING DOES NOT CONSTITUTE ENDORSEMENT OR RECOMMENDATION BY THE CLERK.

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

Section (s) 33, Township 31N, Range 4W N. T. P. M.



INSTRUCTIONS

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

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

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

Secs. 1-3. Complete all blanks.

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

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

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest $2\frac{1}{2}$ acre subdivision. If located on unsurveyed lands, describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

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

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

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

(This form is to be executed in triplicate)

San Juan 30-4 Unit #6 Water Well #1

WELL RECORD

Misc. 1-24-9

Date of Receipt January 13, 1954

Permit No. Misc-1-RA-85

Name of permittee, El Paso Natural Gas Company

Street or P. O. Box 997, City and State Farmington, New Mexico

1. Well location and description: The shallow well is located in 1/4, 1/4, (shallow or artesian)

SW 1/4 of Section 33, Township 31N, Range 4W; Elevation of top of casing above sea level, 6670 feet; diameter of hole, 10 inches; total depth, 112 feet; depth to water upon completion, 80 feet; drilling was commenced 9-14, 1953 and completed 9-23, 1953; name of drilling contractor Conley Cox, Box 785; Address, Aztec, New Mexico; Driller's License No. 164-23-0514

2. Principal Water-bearing Strata:

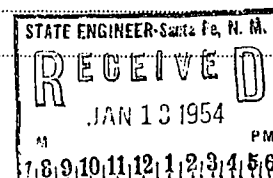
	Depth in Feet		Thickness	Description of Water-bearing Formation
	From	To		
No. 1	100	112	12	Gravel
No. 2				
No. 3				
No. 4				
No. 5				

3. Casing Record:

Diameter in inches	Pounds per ft.	Threads per inch	Depth of Casing or Liner Top Bottom	Feet of Casing	Type of Shoe	Perforation From To
8-5/8	24					100 112

4. If above construction replaces old well to be abandoned, give location: 1/4, 1/4, 1/4 of Section, Township, Range; name and address of plugging contractor,

date of plugging, 19; describe how well was plugged:



5. Log of Well:

[illegible]

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

.....
Licensed Well Driller

Instructions

This form shall be executed, preferably typewritten, in triplicate and filed with the State Engineer's Office at Roswell, New Mexico, within 10 days after drilling has been completed. Data on water-bearing strata and on all formations encountered should be as complete and accurate as possible.

Table 1--page 109 of 133

Table 1--page 109 of 133

Location	Latitude-Longitude	Number or name	Depth (feet)	Altitude (feet)	Depth to Water (feet)	Date	Producing Interval (feet)	Principal water-bearing unit(s)	Specific conductance (umhos at 25 C)	Date	Logs available	Reference	Draw-down (feet)	Discharge (gal/min)	Duration (hours)	Remarks	
30.02.21.41	364747 1070242	Barbara Gonzales	380 M	7,510	280.0	10-14-72	352-380	TsJ	-	-	-	DLR	-	-	2.5	-	-
30.02.29.24	364709 1070322	Avelino Velarde	65	7,377	-	-	-	Qal(?), TsJ	-	-	-	-	-	-	-	-	-
30.02.31	-	Jicarilla	500	-	-	-74	-	TsJ	-	-	DLR	-	-	-	25	-	-
④ 30.03.08.4	-	Juan Cassador	362 M	7,100	-	08-12-72	109-119, 260-321	TsJ	-	-	DLR	-	-	-	-	-	-
30.03.23.1	-	Calvin Veneno	450	7,200	-	11-14-74	280-320, 360-400	TsJ	-	-	DLR	-	-	-	-	-	-
30.03.23.2	-	-	80 M	7,250	70	05-06-37	-	Qal(?), TsJ	-	-	DLR	-	-	-	0.1	-	Plugged back from 405 feet.
30.03.29.1	-	Caberastro	600	7,233	-	-	-	TsJ	-	-	-	-	-	-	-	-	-
⑤ 30.03.29.1322	364512 1071043	Jicarilla	600	7,235	-	-	-	TsJ	850	-	-	-	-	-	2M	-	-
⑥ 30.03.29.1322	364512 1071043	Jicarilla	600	7,235	-	-	-	TsJ(?), Qal(?)	-	-	-	-	-	-	-	-	-
30.03.32.3434	364541 1071032	Jicarilla	200 ME	7,038	64.1 61.7	06-29-67 12-08-67	-	TsJ	-	-	DLR	-	-	-	-	-	-
30.03.36.1	-	Anna Baltazar	402	7,350	-	12-30-74	160-171, 300-350	TsJ	-	-	-	-	-	-	3	-	-
30.04.35.221	364629 1070648	Fred Bixler	175	7,140	52.7 56.3	08-29-67 12-08-67	-	TsJ	-	-	-	-	-	-	-	-	TDS=1239 mg/L (2-12-51); UST 2565-2685 feet.
30.06.35.341	364617 1070648	Phillips Petro Co.	-	6,542	-	-	-	FKoa	-	-	-	-	-	-	-	-	Alluvium well; unused.
30.08.15.1431	364844 1073953	-	8M	5,710	7.8	10-01-74	-	Qal	-	-	-	-	-	-	-	-	-
30.08.17.434	364639 1074050	Abe Chavez	37M	5,700	21.0	04-03-68	-	Tn, Qal	2,800	04-03-68	-	-	-	-	-	-	-
30.08.19.421	364733 1074219	Abe Chavez	30	5,740	-	-	-	Tn, Qal	3,700	04-03-68	-	-	-	-	-	-	-
30.08.33.2121	364629 1074035	Spring	-	6,165	-	-	-	-	1,300	10-21-75	-	-	-	-	-	-	-
30.09.06.3	-	EPNG Quigley #1	396	6,320	-	-	350-387	Tn	-	-	-	c*	-	-	16	-	-
30.09.08.2	-	EPNG Wood River #1	258	6,200	-	-	135-258	Tn	-	-	-	c*	-	-	25	-	-
30.09.35.3213	364559 1074513	R. B. Valencia	30	5,620	+2	10- -74	-	Tn, Qal	4,500	10-03-74	-	c*	-	-	-	-	-
30.10.02.1	-	EPNG Atlantic St. #1	520	6,360	-	-	505-518	Tn	1,520	11- -75	-	c*	-	-	30	-	-
30.10.02.2	-	Mud Spring	-	6,550	-	-	505-518	TsJ	1,000	09- -75	-	c*	-	-	-	-	Dry in summer 1975Q.
30.10.03.4	-	B. Redding	320	6,400	50	-	-	Tn	-	-	-	c*	-	-	-	-	-
30.10.13	-	EPNG Turner #1	425	6,480	345Q	-	-	TsJ	-	-	-	c*	-	-	-	-	Dry in summer 1975.
30.10.14.2	-	Jackson Spring	-	6,400	-	-	-	TsJ	-	-	-	c*	-	-	-	-	-

Table 1--page 113 of 153

Location	Latitude- Longitude	Number or name	Depth (feet)	Altitude (feet)	Depth to Water (feet)	Date	Producing Interval (feet)	Principal water- bearing unit(s)	Specific conductance (umhos at 25 C)	Date	Logs available	Reference	Draw- down (feet)	Dis- charge (gal/ min)	Dura- tion (hours)	Remarks
31.02.01.431	365526 1065933	Well J-4	78	6,780	7	06-55	-	Q1	1,180 **	06-06-55	-	1	-	50-60	-	Test well.
31.02.02.133	365548 1070111	Paul Monarco	200	6,860	-	11-76	-	TKa	-	-	-	-	-	2	-	-
31.02.02.341	365528 1070055	C. Caramillo	172	7,520	-	11-76	69, 97, 115, 153, 168	TKa(?)	-	-	-	-	-	-	-	Water at 97 feet and 115 feet had H ₂ S smell; water at 153 feet and 167 feet had good smell.
31.02.12.322	365433 1070007	Gomez	80	6,840	20	11-67	-	K1	1,740 **	10-19-67	-	1	-	3E	-	-
31.02.12.323	365438 1065950	Spring	-	6,870	-	-	-	K1	-	-	-	-	-	-	-	-
31.02.12.331	365435 1070007	Gomez Spring	-	6,880	-	-	-	K1	-	-	-	-	-	-	-	-
31.02.12.333	365415 1070007	Plex	100 Q	6,900	-	-	-	K1	-	-	-	1	-	-	-	-
31.02.14.441	365342 1070022	BIA Spring	-	6,860	-	10-67	-	TKa	-	-	-	1	-	24	-	-
31.02.15.441	365342 1070214	George Quintana	141	7,220	-	11-76	67-71, 119-141	TKa	-	-	-	-	-	-	-	2 gal/min at 67-71 feet; 4-5 gal/min at 119-124 feet; 7-10 gal/min at 124-141 feet.
31.02.19	-	Clarence Julian	243	-	-	07-01-75	163-186	TKa	-	-	-	-	-	10	-	-
31.02.22.143	365308 1070158	Harvey Le Dica	96	7,280	-	11-76	60-96	TKa	-	-	-	-	-	-	-	5 gal/min at 50-74 feet; 10-15 gal/min at 74-96 feet.
31.02.24.132	355316 1065958	Vigil	-	6,990	-	10-19-67	-	-	860 **	10-19-67	-	1	-	-	-	-
31.02.24.1333	365309 1070007	Dulce Spring	-	6,999	-	11-13-74	-	TKa	775 800 **	04-01-55 10-19-67	-	1	-	5	-	Dug out; TDS = 527 mg/L (5-28-71).
31.02.36.21	365141 1065935	Humble-Cordova #1	3,854 Q	7,387	+115	08-01-64	298-135, 504- 520, 640-661, 728-740, 815- 838, 1,514-1,533, 1,757-1,768	TKa, TKoa, Kp(?)	700	07-10-64	-	-	156 *	2.7	41	SPC varied from 715 umhos to 660 umhos during pump test (7-30-64); also reported on 31.06.36.21; casing schedule fits Humble 1 Jicarilla Trtbal 29 (31.02.36.21); apparently perforated for hydrologic testing; plugged back from 5,342 feet.
31.03.05	-	Clarence Julian	224	-	70	08-08-71	115-125, 165-180	Taj	-	-	DLR	-	-	-	-	-
31.03.25.421	365214 1070547	Puerto Spring BIA	-	7,560	-	-	-	Taj	790 **	01-26-72	-	-	-	-	-	-
31.03.35	-	Calvin Veneno	200	-	20	08-17-71	80-90, 125-140, 185-200	Taj	-	-	DLR	-	-	-	-	-

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 1/12/94,
or cash received on 1/24/94 in the amount of \$ 50.00
from Associated Natural Gas Inc
for Rosa Compressor Station GW-161

Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 1/24/94
Received in ASD by: A. Albre Date: 1/24/94

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

Organization Code 52107 Applicable FY 94

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

CASHIER'S CHECK NEW MEXICO BANK



United New Mexico Bank
Post Office Box 1081
Albuquerque, New Mexico 87103-1081

95-93/1070

Date

UNITED N.M.
BANK

50 DOLS 00 CTS

50.00
\$

Pay

Environmental Services

Remitter

NOTICE TO PURCHASER:
The purchase of an indemnity bond may be required
before this check will be replaced or refunded in the
event it is lost, misplaced, or stolen.

Authorized Signature

Margie King

* * *Oil Conservation Division* * *

To The Order Of



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

December 28, 1993

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-053

Mr. Robert L. Pearson
Associated Natural Gas, Inc.
P.O. Box 5493
Denver, CO 80217

**RE: Discharge Plan Submittal
Rosa Compressor Station
Rio Arriba County, New Mexico**

Dear Mr. Pearson,

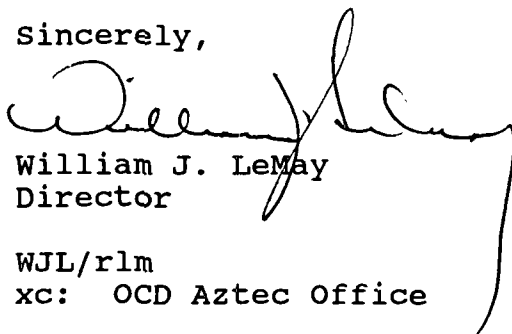
The New Mexico Oil Conservation Division (OCD) has received your December 21, 1993 request to operate the Rosa Compressor Station without a discharge plan. The Rosa Compressor Station is located in Section 26, Township 31 North, Range 4 West, in Rio Arriba County, and began operating on October 22, 1993.

Pursuant to Water Quality Control Commission (WQCC) Regulation 3-106.B., Associated Natural Gas, Inc. is hereby granted approval to operate the Rosa Compressor Station to February 22, 1994 without an approved discharge plan.

Please be advised this this authorization does not relieve Associated Natural Gas, Inc. of liability should their operation result in actual pollution of surface or ground waters or the environment actionable under other laws and/or regulations.

If you have any questions, please call Bobby Myers at (505)827-4080.

Sincerely,



William J. LeMay
Director

WJL/rlm
xc: OCD Aztec Office



OIL CONSERVATION DIVISION
RECEIVED

ASSOCIATED NATURAL GAS, INC.

'93 DE: 27 AM 9 50

December 21, 1993

Mr. Bobby Myers
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Myers,

We would like to request 120 days to operate the Rosa Compressor Station without a discharge plan. The Rosa Compressor Station is located in Township 31 North, Range 4 West, Section 26 in Rio Arriba County, New Mexico. This facility was in full production and operation as of October 22, 1993.

Environmental Services, Inc. (ESI) will be acting in our behalf. You can contact Ms. Robin K. DeLapp, Environmental Technician, at (505) 345-3900, or myself at (303) 595-3331, if you need any additional information.

Sincerely,
Associated Natural Gas, Inc.

Robert L. Pearson
Manager of Environmental Affairs

cc: Environmental Services, Inc.

RLP/mv

OIL CONSERVATION DIVISION
RECEIVED

'93 DEC 20 AM 8 59

ESol

ENVIRONMENTAL
SERVICES, INC.

Monday, December 13, 1993

Mr. Bobby Myers
Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Myers,

On behalf of Associated Natural Gas, Inc. we would like to request 120 days to operate the Rosa Compressor Station without a discharge plan. The Rosa Compressor Station is located in Township 31 North, Range 4 West, Section 26 in Rio Arriba County, New Mexico. According to Mr. Robert Pearson of Associated Natural Gas, Inc., this facility began operating on October 22, 1993. Please let me know if you have any further questions.

Sincerely,

Robin K. DeLapp

Robin K. DeLapp
Environmental Technician

Called RC - 12/20 - asked him to have
ANG send their own request.
flm

5971 Jefferson NE
• Suite 104 •
• Albuquerque •
New Mexico 87109
505 • 345 • 3900