

GW - 128

**GENERAL  
CORRESPONDENCE**

**YEAR(S):**

2003-1992



JOSHUA B. EPEL  
Assistant General Counsel

Duke Energy Field Services  
370 17th Street  
Suite 900  
Denver, CO 80202

303 595 3331  
720 944 9324 direct  
303 893 8902 fax

February 20, 2003

RECEIVED

FEB 24 2003

OIL CONSERVATION  
DIVISION

Lori Wrotenbery, Director  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**Re: Draft Discharge Plan Renewal Approval GW-128; Duke Energy Field Services, LP; South Hat Mesa Compressor Station**

Dear Ms. Wrotenbery:

Duke Energy Field Services, LP ("DEFS"), pursuant to the public notice, submits the following comments on the draft discharge plan renewal approval for DEFS's South Hat Mesa Compressor Station.

As expressed in the letter to Mr. Ford submitting the renewal application, DEFS does not believe that the Water Quality Act, NMSA 1978, §§74-6-1 to 17, and the regulations adopted by the WQCC under that Act, are applicable to gathering system compressor stations, such as South Hat Mesa. Specifically, NMSA 1978, §74-6-12.G (1999) provides that the Water Quality Act "does not apply to any activity or condition subject to the authority of the oil conservation commission pursuant to the provisions of the Oil and Gas Act, Section 70-12 NMSA 1978 . . . ." The Oil and Gas Act, NMSA 1978, §70-2-12.B(21) (1966) provides that the OCC has the authority to regulate "the disposition of nondomestic wastes resulting from the exploration, production or storage of crude oil or natural gas to protect public health and the environment." DEFS believes that the language of the Oil and Gas Act precludes application of the discharge plan requirements of the Water Quality Act and regulations to the disposal of wastes from compressor stations.

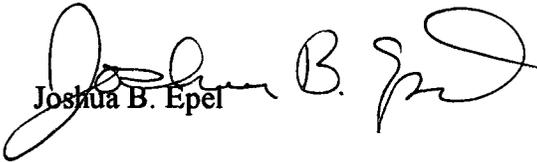
Even if the Division disagrees with our assessment of the limitations on its authority, DEFS contends that no discharge plan is required under the WQCC regulations. Under the WQCC regulations, 20.6.2.3104 and 3106.B NMAC only requires a discharge plan if a person intends to discharge a water contaminant listed in 20.6.2.3103 NMAC or a toxic pollutant as defined in 20.6.2.7.SS NMAC so that they may move directly or indirectly into ground water. The South Hat Mesa Compressor Station does not have any discharges that may move directly or indirectly into groundwater, and therefore, no discharge plan is required under the regulations. DEFS

requests that the Division re-examine the application of the WQCC requirements here and determine that no discharge plan is required.

Further, DEFS also has objections to a number of the proposed approval conditions in the draft renewal approval. DEFS believes that several of the proposed conditions are beyond the Division's authority under the Water Quality Act and regulations.

DEFS would like the opportunity to discuss its objection to the proposed South Hat Mesa discharge plan renewal approval with you and your staff prior to the approval being finalized. DEFS believes that such a discussion could help avoid the need to further pursue its objections. Moreover, DEFS has similar applications pending for its Carrasco Compressor Station (DP GW 137), Magnum Compressor Station (DP GW 127), and Sand Dunes Compressor Station (DP GW 142). The discussion could help avoid similar concerns with the Division's consideration of those applications.

Sincerely,

  
Joshua B. Epel

JBE/jay

cc: Roger Anderson, NMOCD



RECEIVED  
JUN 12 2003  
OIL CONSERVATION  
DIVISION

DUKE ENERGY FIELD SERVICES  
370 17th Street  
Suite 900  
Denver, CO 80202  
303 595 3331

June 9, 2003

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED** (Article No. 7002 2030 0006 2400 0389)

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

Subject: South Hat Mesa Compressor Station  
Discharge Plan GW-128  
Lea County, New Mexico

Dear Mr. Ford:

As agreed upon in the meeting with Duke Energy Field Services, LP (DEFS) and the New Mexico Oil Conservation Division (NMOCD) on May 5, 2003, DEFS will postpone returning a signed copy of the Discharge Plan Conditions of Approval and discharge plan fee for the recently approved South Hat Mesa Compressor Station Discharge Plan until receiving further instructions from NMOCD.

If you have any questions concerning the South Hat Mesa Compressor Station Discharge Plan, please contact me at (303) 605-1717. Please send all correspondence regarding this North Compressor Station Discharge Plan renewal to me at 370 17<sup>th</sup> Street, Suite 900, Denver, CO 80202.

Sincerely,  
**Duke Energy Field Services, LP**

Karin Char Kimura  
Senior Environmental Specialist

cc: NMOCD District 1 Office (via Certified Mail Return Receipt Requested 7002 2030 0006 2400 2352)  
1625 N. French Dr.  
Hobbs, New Mexico 88240



JOSHUA B. EPEL  
Assistant General Counsel

Duke Energy Field Services  
370 17th Street  
Suite 900  
Denver, CO 80202

303 595 3331  
720 944 9324 direct  
303 893 8902 fax

February 20, 2003

Lori Wrotenbery, Director  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**Re: Draft Discharge Plan Renewal Approval GW-128; Duke Energy Field Services, LP; South Hat Mesa Compressor Station**

Dear Ms. Wrotenbery:

Duke Energy Field Services, LP ("DEFS"), pursuant to the public notice, submits the following comments on the draft discharge plan renewal approval for DEFS's South Hat Mesa Compressor Station.

As expressed in the letter to Mr. Ford submitting the renewal application, DEFS does not believe that the Water Quality Act, NMSA 1978, §§74-6-1 to 17, and the regulations adopted by the WQCC under that Act, are applicable to gathering system compressor stations, such as South Hat Mesa. Specifically, NMSA 1978, §74-6-12.G (1999) provides that the Water Quality Act "does not apply to any activity or condition subject to the authority of the oil conservation commission pursuant to the provisions of the Oil and Gas Act, Section 70-12 NMSA 1978 . . . ." The Oil and Gas Act, NMSA 1978, §70-2-12.B(21) (1966) provides that the OCC has the authority to regulate "the disposition of nondomestic wastes resulting from the exploration, production or storage of crude oil or natural gas to protect public health and the environment." DEFS believes that the language of the Oil and Gas Act precludes application of the discharge plan requirements of the Water Quality Act and regulations to the disposal of wastes from compressor stations.

Even if the Division disagrees with our assessment of the limitations on its authority, DEFS contends that no discharge plan is required under the WQCC regulations. Under the WQCC regulations, 20.6.2.3104 and 3106.B NMAC only requires a discharge plan if a person intends to discharge a water contaminant listed in 20.6.2.3103 NMAC or a toxic pollutant as defined in 20.6.2.7.SS NMAC so that they may move directly or indirectly into ground water. The South Hat Mesa Compressor Station does not have any discharges that may move directly or indirectly into groundwater, and therefore, no discharge plan is required under the regulations. DEFS

requests that the Division re-examine the application of the WQCC requirements here and determine that no discharge plan is required.

Further, DEFS also has objections to a number of the proposed approval conditions in the draft renewal approval. DEFS believes that several of the proposed conditions are beyond the Division's authority under the Water Quality Act and regulations.

DEFS would like the opportunity to discuss its objection to the proposed South Hat Mesa discharge plan renewal approval with you and your staff prior to the approval being finalized. DEFS believes that such a discussion could help avoid the need to further pursue its objections. Moreover, DEFS has similar applications pending for its Carrasco Compressor Station (DP GW 137), Magnum Compressor Station (DP GW 127), and Sand Dunes Compressor Station (DP GW 142). The discussion could help avoid similar concerns with the Division's consideration of those applications.

Sincerely,

  
Joshua B. Epel

JBE/jay

cc: Roger Anderson, NMOCD

November 25, 2002

RECEIVED

NOV 26 2002

Environmental Bureau  
Oil Conservation Division

**FEDERAL EXPRESS**  
**PRIORITY OVERNIGHT** (Tracking Number 833619545762)

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

Subject: South Hat Mesa Compressor Station  
Discharge Plan GW-128  
Lea County, New Mexico

Dear Mr. Ford:

As we have discussed previously, DEFS does not believe that the New Mexico Water Quality Act, NMSA 1978, §§74-6-1 to 17, and the regulations adopted under that act are applicable to compressor stations. Specifically, NMSA 1978, §74-6-12.G (1999) provides that "[t]he Water Quality Act does not apply to any activity or condition subject to the authority of the oil conservation commission pursuant to the provisions of the Oil and Gas Act, Section 70-2-12 NMSA 1978 and other laws conferring power on the oil conservation commission to prevent or abate water pollution." NMSA 1978, §70-2-12.B(21) (1996) provides that the OCC has the authority to regulate "the disposition of nondomestic wastes resulting from the exploration, production or storage of crude oil or natural gas to protect public health and the environment." The language of Section 70-2-12.B(21), DEFS believes, precludes the application of the Water Quality Act to the disposal of wastes from compressor stations. Therefore, DEFS is under no obligation to comply with the discharge plan renewal requirements of the WQCC regulations.

Further, even if the Water Quality Act and regulations applied, the WQCC regulations do not require a discharge plan for this facility. According to the WQCC regulations, 20.6.2.3106B NMAC, a facility must have an approved discharge plan if the facility intends to or has a discharge or discharges that may move directly or indirectly into groundwater.

The South Hat Mesa Compressor Station does not have any discharges that may move directly or indirectly into groundwater. Therefore, DEFS does not believe that a discharge plan is required under the WQCC regulations. Since the WQCC regulations do not require a discharge plan, DEFS is under no legal obligation to renew Discharge Plan GW-128. DEFS disagrees that any discharge plan is required for this facility under the WQCC's regulations.

Although DEFS believes that it is not required to have a discharge plan for South Hat Mesa Compressor Station, DEFS submits the following for South Hat Mesa Compressor Station:

- Enclosed discharge plan renewal application (original and a copy);
- Enclosed check in the amount of \$100 for the discharge plan renewal application filing fee.

Mr. Jack Ford  
Page 2 of 2.  
November 25, 2002

Pleased be advised that DEFS' submittal of the renewal application and application filing fee does not waive DEFS' objection to the OCD's position regarding applicability of the WQCC regulations.

If you have any questions concerning DEFS' position or the renewal application, please contact me at (303) 605-1717. Please send all correspondence regarding this South Hat Mesa Compressor Station Discharge Plan renewal to me at 370 17<sup>th</sup> Street, Suite 900, Denver, CO 80202.

Sincerely,  
*Duke Energy Field Services, LP*



Karin Char Kimura  
Senior Environmental Specialist

Enclosures

cc: NMOCD District 1 Office (via FedEx Priority Overnight Tracking No. 833619545751)  
1625 N. French Dr.  
Hobbs, New Mexico 88240



Duke Energy Field Services  
P.O. Box 5493  
Denver, Colorado 80217  
370 17th Street, Suite 900  
Denver, Colorado 80202  
303/595-3331

January 3, 2003

RECEIVED

JAN 06 2003

Environmental Bureau  
Oil Conservation Division

**FEDERAL EXPRESS**  
**PRIORITY OVERNIGHT** (Tracking Number 8358 0612 9237)

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

Subject: South Hat Mesa Compressor Station  
Discharge Plan GW-128  
Lea County, New Mexico

Dear Mr. Ford:

Duke Energy Field Services, LP (DEFS) has provided public notice, in accordance with the Water Quality Control Commission regulations (20.6.2.3108 NMAC), for the South Hat Mesa Compressor Station discharge plan renewal application.

DEFS submits the following as proof of notice:

- Affidavit of posting in the Hobbs News Sun
- Facsimile of the affidavit of posting in the Carlsbad Current Argus
- Photograph of the synopsis of public notice in English and Spanish posted on the facility front gate.
- Copy of the synopsis of public notice in English and Spanish posted on the facility front gate

If you have any questions concerning the South Hat Mesa Compressor Station discharge plan renewal, please contact me at (303) 605-1717. Please send all correspondence regarding this South Hat Mesa Compressor Station Discharge Plan renewal to me at 370 17<sup>th</sup> Street, Suite 900, Denver, CO 80202.

Sincerely,  
*Duke Energy Field Services, LP*

Karin Char Kimura  
Senior Environmental Specialist

Attachments

cc: NMOCD District 1 Office (via FedEx Priority Overnight Tracking No. 8336 1954 7044)  
1625 N. French Dr.  
Hobbs, New Mexico 88240



AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of 1 weeks.

Beginning with the issue dated

December 20 2002

and ending with the issue dated

December 20 2002

*Kathi Bearden by AR*

Publisher

Sworn and subscribed to before

me this 23rd day of

December 2002

*Jodi Hansen*

Notary Public.

My Commission expires  
October 18, 2004  
(Seal)

Duke Energy Field Services, LP, 370 17th Street, Suite 900, Denver, Colorado 80202 has submitted a discharge plan renewal application for its South Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, Lea County, New Mexico to the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, Telephone (505) 476-3440. DEFS does not propose to discharge effluent or waste solids on site; all effluent and waste solids generated at the facility are removed from the facility for off site disposal in accordance with applicable New Mexico Oil Conservation Division, New Mexico Environment Department, and EPA regulations. Ground water most likely to be affected in an event of an accidental discharge at the surface is at a depth of 50 feet with a total dissolved solids concentration of approximately 1500 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, submit comments, and request to be placed on a facility-specific mailing address to receive future notices to the Oil Conservation Division at the address or telephone number given above. The Oil Conservation Division will accept comments and statements of interest regarding the renewal application and will create a facility-specific mailing list for persons who wish to receive future notices.

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

49100061000      49542458  
Duke Energy Field Services  
PO Box 5493  
DENVER, CO 80217



Note: Sign incorrectly identifies the site name as North Hat Mesa Booster. Facility name is South Hat Mesa Compressor Station.

Posting of synopsis of public notice in English and Spanish

Duke Energy Field Services, LP, 370 17<sup>th</sup> Street, Suite 900, Denver, Colorado 80202 has submitted a discharge plan renewal application for its South Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, Lea County, New Mexico to the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, Telephone (505) 476-3440. DEFS does not propose to discharge effluent or waste solids on site; all effluent and waste solids generated at the facility are removed from the facility for off site disposal in accordance with applicable New Mexico Oil Conservation Division, New Mexico Environment Department, and EPA regulations. Ground water most likely to be affected in an event of an accidental discharge at the surface is at a depth of 50 feet with a total dissolved solids concentration of approximately 1500 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, submit comments, and request to be placed on a facility-specific mailing address to receive future notices to the Oil Conservation Division at the address or telephone number given above. The Oil Conservation Division will accept comments and statements of interest regarding the renewal application and will create a facility-specific mailing list for persons who wish to receive future notices.

Duke Energy Field Services, LP, 370 17<sup>th</sup> Street, Suite 900, Denver, Colorado 80202 se han sometido una aplicación de la renovación del plan de la descarga para su Estación del sur de Compresor de Mesa de Sombrero localizada en el SW/4 SE/4, la Sección 4, Municipio 21 al sur, Recorren 32 al este, Condado de Lea, Nuevo México a la División de la Conservación del Aceite, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, el Teléfono (505) 476-3440. DEFS no propone descargar efluente ni los sólidos del desecho locales; todo efluente y los sólidos del desecho engendrados en la facilidad se quitan de la facilidad para de la disposición del sitio de acuerdo con División aplicable de la Conservación de Aceite de Nuevo México, del Departamento del Ambiente de Nuevo México, y de las regulaciones de EPA. El suelo rega muy probable de ser afectado en un acontecimiento de una descarga accidental en la superficie está en una profundidad de 50 pies con un suma la concentración disuelta de sólidos de aproximadamente 1500 mg/L. Las direcciones del plan de la descarga cómo los derramamientos, los escapes, y otras descargas accidentales a la superficie seran manejados. Cualquier persona interesada puede obtener información adicional, someter comentarios, y la peticion de ser colocado en una dirección facilidad-especifica del correo para recibir avisos futuros a la División de la Conservación del Aceite en la dirección o el numero de telefono dado arriba. La División de la Conservación del Aceite aceptará los comentarios y las declaraciones del interés con respecto a la aplicación de la renovación y creará una lista de envío específica de la facilidad para personas que desean para recibir notas futuras.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor  
**Betty Rivera**  
Cabinet Secretary

December 3, 2002

**Lori Wrotenbery**  
Director  
Oil Conservation Division

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 3929 9338**

Ms. Karin Char Kimura  
Senior Environmental Specialist  
Duke Energy Field Services  
P.O. Box 5493  
Denver, Colorado 80217

**RE: Public Notice Requirement**  
**Renewal for GW-128 South Hat Mesa Compressor Station**  
**Lea County, New Mexico**

Dear Ms. Kimura:

Please be advised that effective September 15, 2002 Water Quality Control Commission (WQCC) regulations pertaining to Public Notice for discharge of effluent at permitted sites was changed. All discharge plan applications or renewal applications are affected by the new provisions in this regulation. The new requirements can be reviewed on OCD's web site at [www.emnrd.state.nm.us/ocd/publications](http://www.emnrd.state.nm.us/ocd/publications) then look under NMED Ground Water Regulations--20NMAC6.2 for Section 20.6.2.3108 "Public Notice and Participation".

The recently submitted renewal application for the above captioned discharge plan for the South Hat Mesa Compressor Station will be affect by the new public notice requirements. Your renewal application was submitted November 20, 2002 and received by the OCD on November 26, 2002. The thirty (30) day period has begun, therefore, your public notice must be posted by December 20, 2002. For your information the Department does not have a form to provide.

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

Sincerely,

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

Cc: OCD Hobbs District Office

U.S. Postal Service  
CERTIFIED MAIL RECEIPT *FORD* *POD*  
(Domestic Mail Only: No Insurance Coverage Provided)

7001 1940 0004 3929 9338

OFFICIAL USE

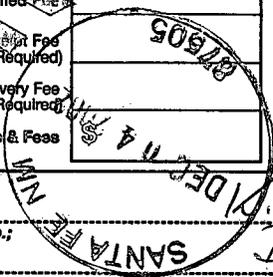
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Charges & Fees	

Postmark  
Here

Sent To

Street, Apt. No.,  
or PO Box No.

City, State, ZIP+4



*Kimura*  
*Duke*  
*GW-128*

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 11/18/02  
or cash received on \_\_\_\_\_ in the amount of \$ 100.00

from Duke Energy Field Services  
for So. Hat Mesa C.S. GW-128

Submitted by: [Signature] Date: 11/27/02  
(Facility Name) (DP No.)

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

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

Filing Fee  New Facility  Renewal   
Modification  Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 2001

To be deposited in the Water Quality Management Fund.

Full Payment  or Annual Increment

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND ON WHITE PAPER WITH VISIBLE FIBERS AND A TRUE WATERMARK ON THE REVERSE SIDE.

Duke Energy Field Services, LP  
Accounts Payable  
P.O. Box 5493  
Denver, Colorado 80217

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

VENDOR NO. 0000078220	CHECK DATE 11/18/02	CHECK NUMBER [redacted]
--------------------------	------------------------	----------------------------

PAY ONLY

TO THE ORDER OF: NMED  
Water Quality Management Fund  
NM Oil Conservation District  
1220 South St Francis Drive  
Santa Fe, NM 87504

NOT NEGOTIABLE AFTER 120 DAYS

CHECK AMOUNT  
\*\*\*\*\*\$100.00

[Signature]  
AUTHORIZED SIGNATURE

One hundred and 00/100 Dollars

HOLD BETWEEN THUMB AND FOREFINGER. OR BREATHE ON COLORED BOX. COLOR WILL DISAPPEAR, THEN REAPPEAR.

Duke Energy Field Services, LP  
Accounts Payable  
P.O. Box 5493  
Denver, Colorado 80217

VENDOR NUMBER  
0000078220  
VENDOR NAME  
NMED-

CHECK NUMBER  
[REDACTED]  
CHECK DATE  
11/18/02

INVOICE NUMBER	INVOICE DATE	NET AMOUNT	DESCRIPTION
111302-	11/13/02	100.00	
			<b>TOTAL PAID</b> <b>\$100.00</b>

PLEASE DETACH AND RETAIN FOR YOUR RECORDS



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**  
Governor  
**Betty Rivera**  
Cabinet Secretary

**Lori Wrotenbery**  
Director  
Oil Conservation Division

July 10, 2002

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. 3929 9031**

Ms. Karin Char  
Duke Energy Field Services, LLC  
370 Seventeenth Street, Suite 900  
Denver, Colorado 80202

**RE: Discharge Plan Renewal Notice for Duke Energy Field Services, LLC Facility**

Dear Ms. Char:

The OCD is providing Duke Energy Field Services, LLC a six months notice that the following discharge plans expire.

**GW-128 expires 11/20/2002 – Hat Mesa Compressor Station**  
**GW-044 expires 12/23/2002 – Hobbs Booster Compressor Station**

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

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

Ms. Karin Char  
July 10, 2002  
Page 2

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

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

Sincerely,



Roger C. Anderson  
Oil Conservation Division

RAC/wjf

cc: OCD Hobbs District Office

U.S. Postal Service  
CERTIFIED MAIL RECEIPT *FORD* *ed*  
(Domestic Mail Only; No Insurance Coverage Provided)

TE09 9031  
6264 3929  
4000 4000  
0491 7001

OFFICIAL USE	
Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	

Postmark Here

SANTA FE NM  
JUL 7 7 2002

Sent To *K. Char*

Street, Apt. No.; or PO Box No. *87505 DUK*

City, State, ZIP+ 4 *GW-128*

PS Form 3800, January 2001 See Reverse for Instructions

**FULBRIGHT & JAWORSKI L.L.P.**

A REGISTERED LIMITED LIABILITY PARTNERSHIP

1301 MCKINNEY, SUITE 5100

HOUSTON, TEXAS 77010-3095

TELEPHONE: 713/651-5151  
FACSIMILE: 713/651-5246

WRITER'S INTERNET ADDRESS:  
[elewis@fulbright.com](mailto:elewis@fulbright.com)

WRITER'S DIRECT DIAL NUMBER:  
713/651-3760

HOUSTON  
WASHINGTON, D.C.  
AUSTIN  
SAN ANTONIO  
DALLAS  
NEW YORK  
LOS ANGELES  
MINNEAPOLIS  
LONDON  
HONG KONG

January 15, 2001

Re: Notification of Name Change to Duke Energy Field Services, LP

---

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

Dear Mr. Anderson:

In a February 16, 2000 letter addressed to you from Mel Driver of GPM Gas Company, LLC, Mr. Driver informed you that GPM Gas Company, LLC and Duke Energy Field Services, LLC were planning to undergo an internal corporate reorganization later in the year. As a result of this corporate reorganization, which has now taken place, facilities that were formerly operated under the name of GPM Gas Company, LLC are now being operated under the name of Duke Energy Field Services, LP. A chart that lists facilities with New Mexico Oil Conservation Division permits that are affected by this change is enclosed with this letter. Please update your records to reflect Duke Energy Field Services, LP as the permit holder for the facilities listed on the enclosed chart.

Thank you for your assistance, and please feel free to call me at (713) 651-3760 if you have any questions.

Very truly yours,



Edward C. Lewis

ECL/jnr

Mr. Roger Anderson  
January 15, 2001  
Page 2

cc: Ms. Nelda Morgan  
New Mexico Oil Conservation Division  
1625 North French Drive  
Hobbs, New Mexico 88240

Ms. Vicki Gunter  
Duke Energy Field Services, LP  
P. O. Box 50020  
Midland, Texas 79710

FACILITY NAME	PERMIT NUMBER	CURRENT NAME	NEAREST CITY
Artesia Plant	GW-168	GPM Gas Company, LLC	Artesia
Avalon Plant	GW-024	GPM Gas Company, LLC	Carlsbad
Eunice Plane	GW-009	GPM Gas Company, LLC	Eunice
Feagen	GW-168	GPM Gas Company, LLC	Artesia
Hat Mesa	GW-128	GPM Gas Company, LLC	Hobbs ✓
Hobbs	GW-044	GPM Gas Company, LLC	Hobbs
Indian Hills	GW-042	GPM Gas Company, LLC	Carlsbad
Lee Plant	GW-002	GPM Gas Company, LLC	Lovington
Linam Ranch Plant	GW-015	GPM Gas Company, LLC	Hobbs
Maljamar	GW-177	GPM Gas Company, LLC	Lovington
Sand Dunes	GW-142	GPM Gas Company, LLC	Loving
Won Ton	GW-178	GPM Gas Company, LLC	Lovington
Zia Plant	GW-145	GPM Gas Company, LLC	Maljamar

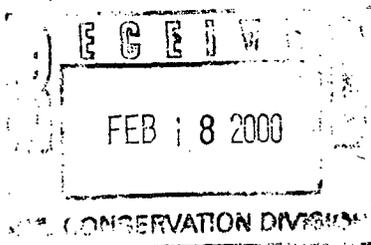


## GPM GAS CORPORATION

3300 N "A" ST. BLDG 7  
MIDLAND, TX 79705-5421

### MAILING ADDRESS

P.O. BOX 50020  
MIDLAND, TX 79710-0020



February 16, 2000

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

Subject: Notification of Name Change to **GPM Gas Company, LLC**

Dear Mr. Anderson:

This letter is to notify you that on February 1, 2000, GPM Gas Corporation underwent a **name change**. The name of the company is now **GPM Gas Company, LLC**. This name change relates to a change in corporate status which occurred in anticipation of the expected merger between GPM and a unit of Duke Energy. GPM and Duke currently expect that, if all necessary regulatory approvals are obtained, the merger should be completed in April of this year.

Submitted with this letter is a listing of all environmental permits that are affected by this name change. Please take the actions necessary to reflect this name change on your records.

As a matter of general information, we wanted also to advise you of the possibility of a further name change in the coming months. In connection with the expected merger, it is possible that a further change in name or in corporate status could take place. We will advise you of any future changes that occur.

We appreciate your assistance in this matter.

GPM Gas Company, LLC

*Mel P. Driver*

Mel P. Driver  
Environmental Engineer  
New Mexico Region

Attachment

Facility Name	Permit Number	Expiration Date	Issued by	Held by	Nearest City
Artesia Plant	GW-168	7/1/00	NMED OCD	GPM Gas Corporation	Artesia
Avalon Plant	GW-024	9/1/00	NMED OCD	GPM Gas Corporation	Carlsbad
Eunice Plant	GW-009	4/1/04	NMED OCD	GPM Gas Corporation	Eunice
Feagen	GW-168	12/1/99	NMED OCD	GPM Gas Corporation	Artesia
Hat Mesa	GW-128	11/1/02	NMED OCD	GPM Gas Corporation	Hobbs
Hobbs	GW-044	12/1/02	NMED OCD	GPM Gas Corporation	Hobbs
Indian Hills	GW-042	4/1/02	NMED OCD	GPM Gas Corporation	Carlsbad
Lee Plant	GW-002	3/1/01	NMED OCD	GPM Gas Corporation	Lovington
Linam Ranch Plant	GW-015	4/1/04	NMED OCD	GPM Gas Corporation	Hobbs
Maljamar	GW-177	3/1/00	NMED OCD	GPM Gas Corporation	Lovington
Sand Dunes	GW-142	5/1/03	NMED OCD	GPM Gas Corporation	Loving
Won Ton	GW-178	3/1/00	NMED OCD	GPM Gas Corporation	Lovington
Zia Plant	GW-145	7/1/03	NMED OCD	GPM Gas Corporation	Maljamar

**ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 8/18/98,  
or cash received on \_\_\_\_\_ in the amount of \$ 345.00

from GPM  
for Hat Mesa C.S. GW-128

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

Submitted to ASD by: R. Dunder Date: 10/30/98

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 \_\_\_\_\_

FIELD CHECK



**GPM GAS CORPORATION**  
BARTLESVILLE, OKLAHOMA 74004

86-82  
1031

GROUP/STAFF	LOCATION	DATE	CHECK NO.	AMOUNT
JR 7251 (NMR)	Odessa, Texas	August 18, 1998	<span style="background-color: black; color: black;">[REDACTED]</span>	\$345.00

Three hundred forty-five and 00/100 DOLLARS

PAY TO ORDER OF New Mexico Environment Department  
Water Quality Management  
2040 S. Pacheco  
Santa Fe, NM 87505

VOID IF IN EXCESS OF \$1,000.00  
GPM GAS CORPORATION 0-51

*[Signature]*

**WESTSTAR BANK**, n.a. BARTLESVILLE, OKLAHOMA  
BARTLESVILLE, OK 74003

AGENT

[REDACTED]

**ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH**

I hereby acknowledge receipt of check No. [REDACTED] dated 8/18/98,

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

from GPM

for Hat Mesa C.S GW-128

(Facility Name)

(DP No.)

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

Submitted to ASD by: R. D. [Signature] Date: 10/30/98

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

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

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

(specify)

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FIELD CHECK



**GPM GAS CORPORATION**

BARTLESVILLE, OKLAHOMA 74004

86-82  
1031

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JR 7251 (NMR)	Odessa, Texas	August 18, 1998	<span style="background-color: black; color: black;">[REDACTED]</span>	\$50.00

Fifty and 00/100 DOLLARS

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Water Quality Management  
2040 S. Pacheco  
Santa Fe, NM 87505

VOID IF IN EXCESS OF \$1,000.00  
 GPM GAS CORPORATION D-51

[Signature]

353

AGENT

WESTSTAR BANK, n.a. BARTLESVILLE, OKLAHOMA  
 BARTLESVILLE, OK 74003

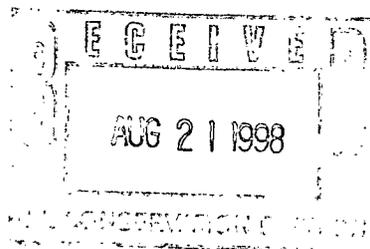
[REDACTED]



**GPM GAS CORPORATION**

4044 PENBROOK  
ODESSA, TEXAS 79762  
NEW MEXICO REGION

August 19, 1998



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

**RE: Hat Mesa Compressor Station  
Discharge Plan GW-128 Renewal Fee**

Dear Mr. Anderson:

GPM is submitting the required flat fee of \$345.00 along with a signed copy of the discharge plan approval conditions for the Hat Mesa Booster Station.

If you have any questions or need additional information, please call me at (915) 368-1142.

Sincerely,

Mel P. Driver, P.E.  
Environmental Engineer  
New Mexico Region

FIELD CHECK



# GPM GAS CORPORATION

BARTLESVILLE, OKLAHOMA 74004

86-82  
1031

GROUP/STAFF	LOCATION	DATE	CHECK NO.	AMOUNT
JR 7251 (NMR)	Odessa, Texas	August 18, 1998	[REDACTED]	\$50.00

Fifty and 00/100 DOLLARS

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Water Quality Management  
2040 S. Pacheco  
Santa Fe, NM 87505

**VOID IF IN EXCESS OF \$1,000.00**  
 GPM GAS CORPORATION D-51

*[Signature]*  
 AGENT  
 JS3

WESTSTAR BANK, n.a. BARTLESVILLE, OKLAHOMA  
 BARTLESVILLE, OK 74003



FIELD CHECK



# GPM GAS CORPORATION

BARTLESVILLE, OKLAHOMA 74004

86-82  
1031

GROUP/STAFF	LOCATION	DATE	CHECK NO.	AMOUNT
JR 7251 (NMR)	Odessa, Texas	August 18, 1998	[REDACTED]	\$345.00

Three hundred forty-five and 00/100 DOLLARS

PAY TO ORDER OF New Mexico Environment Department  
Water Quality Management  
2040 S. Pacheco  
Santa Fe, NM 87505

**VOID IF IN EXCESS OF \$1,000.00**  
 GPM GAS CORPORATION D-51

*[Signature]*  
 AGENT  
 JS3

WESTSTAR BANK, n.a. BARTLESVILLE, OKLAHOMA  
 BARTLESVILLE, OK 74003





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

July 31, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-996**

Mr. Mel Driver  
GPM Gas Corporation  
4044 Penbrook  
Odessa, Texas 79762

**RE: Discharge Plan Renewal GW-128  
GPM Gas Corporation  
Hat Mesa Compressor Station  
Lea County, New Mexico**

Dear Mr. Driver:

The ground water discharge plan renewal GW-128 for the GPM Gas Corporation Hat Mesa Compressor Station located in the SW/4 SE/4 of Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico, is **hereby approved** under the conditions contained in the enclosed attachment. The discharge plan renewal application letter dated November 17, 1997 is approved effective July 31, 1998. The workplan proposals stipulated in the GPM Gas Corporation letter, dated June 12, 1998, are incorporated as a condition for renewal of this discharge plan. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The discharge plan renewal application was submitted pursuant to Section 3106 of the New Mexico Water Quality Control Commission (WQCC) Regulations. It is approved pursuant to Section 3109.A. Please note Sections 3109.E and 3109.F, which provide for possible future amendments or modifications of the plan. Please be advised that approval of this plan does not relieve GPM Gas Corporation of liability should operations result in pollution of surface water, ground water, or the environment.

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

Mr. Mel Driver  
 GW- 128 Hat Mesa Compressor Station  
 July 31, 1998  
 Page 2

Please note that Section 3104 of the regulations provides: "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3107.C., GPM Gas Corporation is required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Pursuant to Section 3109.G.4., this plan is for a period of five years. This approval will expire on November 20, 2002, and GPM Gas Corporation should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities will be required to submit the results of an underground drainage testing program as a requirement for discharge plan renewal.

The discharge plan renewal application for the GPM Gas Corporation Hat Mesa Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a renewal discharge plan application will be assessed a fee equal to the filing fee of \$50 plus a flat fee of \$345.00 for compressor station having between 1001 and 3000 horsepower. The OCD has not received the filing fee which must be submitted immediately.

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 OCD, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



Roger C. Anderson  
 Chief, Environmental Bureau  
 Oil Conservation Division

RCA/wjf  
 Attachment

xc: OCD Hobbs Office

PS Form 3800, April 1995

US Postal Service	
Receipt for Certified Mail	
No Insurance Coverage Provided.	
Do not use for International Mail (See reverse)	
Sent to	Mel Driver
Street & Number	GPM
Post Office, State, & ZIP Code	Odessa, TX
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	GW-128

Z 357 869 996

ATTACHMENT TO THE DISCHARGE PLAN GW-128  
GPM GAS CORPORATION  
HAT MESA COMPRESSOR STATION  
DISCHARGE PLAN APPROVAL CONDITIONS  
(July 31, 1998)

1. Payment of Discharge Plan Fees: The \$50.00 filing fee must be submitted immediately. The \$345.00 required flat fee may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the plan, with the first payment due upon receipt of this approval.
2. GPM Gas Corporation Commitments: GPM Gas Corporation will abide by all commitments submitted in the discharge plan application dated August 31, 1992 and these stipulations for renewal.
3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste characterization per 40 CFR Part 261.
4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
5. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
6. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.
7. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure. GPM stipulated a commitment to retro-fit on site saddle tanks in the letter dated June 12, 1998.
8. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

9. **Below Grade Tanks/Sumps:** All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
10. **Underground Process/Wastewater Lines:** All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. Permittees may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing. A certification of mechanical integrity tests, as proposed in the letter dated June 12, 1998, of all underground lines must be submitted to the OCD by November 1, 1998.
11. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.
12. **Housekeeping:** All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years. Hydrocarbon stained soils will be tested and characterized and treated as proposed in letter dated June 12, 1998. A report of results will be submitted to the OCD annually.
13. **Spill Reporting:** All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the OCD Hobbs District Office.
14. **Transfer of Discharge Plan:** The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge plan must be submitted by the purchaser and approved by the OCD prior to transfer.

15. **Closure:** The OCD will be notified when operations of the Hat Mesa Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Hat Mesa Compressor Station a closure plan will be submitted for approval by the Director. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.
16. **Certification:** GPM Gas Corporation, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. GPM Gas Corporation further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Accepted:

GPM GAS CORPORATION

by \_\_\_\_\_  
Title

# Affidavit of Publication

STATE OF NEW MEXICO )  
 ) ss.  
COUNTY OF LEA )

Joyce Clemens being first duly sworn on oath deposes and says that he is Advertising Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled  
Legal Notice

Notice of Publication

~~XXXXXXXXXXXX~~ .....

~~XXXXXXXXXXXX~~ .....

~~XXXXXXXXXXXX~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~XXXXXXXXXXXX~~

~~XXXXXXXXXXXX~~ for one (1) day

~~XXXXXXXXXXXX~~ beginning with the issue of .....

June 25, 1998

and ending with the issue of .....

June 25, 1998

And that the cost of publishing said notice is the sum of \$ 50.40

which sum has been (Paid) (Assessed) as Court Costs

*Joyce Clemens*

Subscribed and sworn to before me this 30th

day of June, 1998

*Nellie Schilling*  
Notary Public, Lea County, New Mexico

My Commission Expires June 22, 192002

LEGAL NOTICE  
NOTICE OF PUBLICATION  
STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan application(s) have been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW128)-GPM Gas Services Company, Mel D. Driver, (915) 368-1142, 4044 Penbrook Street, Odessa, Texas 79762, has submitted a discharge renewal application for the Hat Mesa Compressor Station located in the SW/4 SE/4 of Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1,250 gallons per day of waste water with a total dissolved solids concentration of approximately 5,000 mg/l is stored in closed top steel tank prior to transport to an OCD approved offsite treatment and disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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 dis-

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June, 1998.

STATE OF NEW MEXICO  
OIL

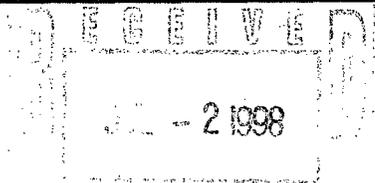
CONSERVATION DIVISION  
LORI WROTENBERY, Director

SEAL

Published in the Lovington Daily Leader June 25, 1998.

# The Santa Fe New Mexican

Since 1849. We Read You.



NM OCD

AD NUMBER: 32254      ACCOUNT: 56689  
 LEGAL NO: 63744      P.O.#: 98199000257  
 171 LINES      1 time(s) at \$ 68.40  
 AFFIDAVITS:      5.25  
 TAX:      4.60  
 TOTAL:      78.25

### AFFIDAVIT OF PUBLICATION

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June 1998.

STATE OF NEW MEXICO  
 OIL CONSERVATION DIVISION  
 LORI WROTENBERY,  
 Director

Legal #63744  
 Pub. June 26, 1998

STATE OF NEW MEXICO  
 COUNTY OF SANTA FE

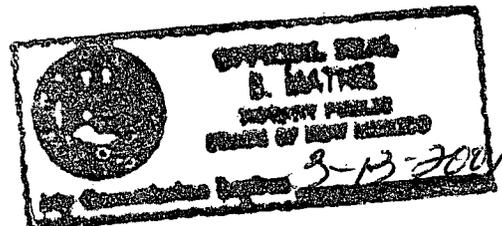
I, B. Perna being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTE FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication #63744 a copy of which is hereto attached was published in said newspaper 1 day(s) between 06/26/1998 and 06/26/1998 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 26 day of June, 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ Betsy Perna  
 LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 26 day of June A.D., 1998

Notary D. Mathe

Commission Expires 3-13-2001





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

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

June 22, 1998

*Lovington Daily Leader  
Attention: Advertising Manager  
Post Office Box 1717  
Lovington, New Mexico 88260*

**Re: Notice of Publication**

*Dear Sir/Madam:*

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

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

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

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

*Please publish the notice no later than* June 29, 1998

*Sincerely,*

*Sally Martinez*  
Sally Martinez  
Administrative Secretary

*Attachment*

P 269 262 859

US Postal Service <b>Receipt for Certified Mail</b> No Insurance Coverage Provided. Do not use for International Mail (See reverse)	
Sent to	<i>Lovington Daily Leader</i>
Post Office, State, & ZIP Code	<i>P.O. Box 1717 LOVINGTON, NM 88260</i>
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

NOTICE OF PUBLICATION

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY, Director

S E A L

P 269 262 860

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

Sent to	
Street & Number Farmington Daily Times	
Post Office, State, ZIP Code P.O. Box 450 Farmington, NM 87401	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1985



June 22, 1998

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

**Re: Notice of Publication**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Dear Sir/Madam:*

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

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

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

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

*Please publish the notice no later than June 29, 1998.*

*Sincerely,*

*Sally Martinez*  
Sally Martinez  
Administrative Secretary

*Attachment*

---

NOTICE OF PUBLICATION

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

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

**(GW-061) - Williams Field Services, Ingrid A. Deklau, (801) 584-6543, P. O. Box 58900, Salt Lake City, Utah 84158-0900, has submitted a discharge application for modification of its previously approved discharge plan for the Horse Canyon Compressor Station located in the NW/4 SW/4 of Section 35, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. The addition of a tank battery containing up to six (6) 400 barrel closed tanks will be installed for storage of waste water collected and transported to this facility for treatment and disposal using an enhanced closed evaporation system. Remaining solids will be collected for transport offsite to an OCD approved disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at an estimated depth of approximately 380 feet with a total dissolved solids concentration of approximately 3,150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of June 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



*Lori Wrotenbery*  
LORI WROTENBERY, Director

S E A L



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

June 22, 1998

*The New Mexican*  
**Attention: Betsy Perner**  
202 East Marcy  
Santa Fe, New Mexico 87501

**Re: Notice of Publication**  
**PO # 98-199-00257**

*Dear Ms. Perner:*

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

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

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

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

*Please publish the notice no later than Friday, June 26, 1998.*

*Sincerely,*

  
Sally Martinez  
Administrative Secretary

*Attachment*

**NOTICE OF PUBLICATION**

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

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

**(GW-128) - GPM Gas Services Company, Mel D. Driver, (915) 368-1142, 4044 Penbrook Street, Odessa, Texas 79762, has submitted a discharge renewal application for the Hat Mesa Compressor Station located in the SW/4 SE/4 of Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1,250 gallons per day of waste water with a total dissolved solids concentration of approximately 5,000 mg/l is stored in closed top steel tank prior to transport to an OCD approved offsite treatment and disposal facility. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1,500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.**

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of June 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
for LORI WROTENBERY, Director

S E A L



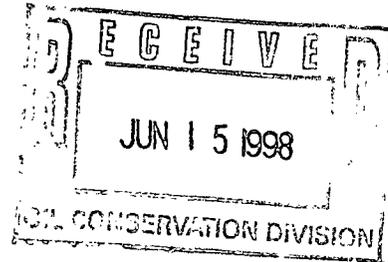
## GPM GAS CORPORATION

June 12, 1998

4044 PENBROOK  
ODESSA, TEXAS 79762

NEW MEXICO REGION

8



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

**RE: Hat Mesa Compressor Station  
Discharge Plan GW-128**

Dear Mr. Ford:

As per our telephone conversation this afternoon, I am herewith submitting the following work plan to address the items listed in the May 20, 1997 letter from Patricio Sanchez to Scott Seeby.

Item 1. GPM will submit a plan to pressure test all below grade lines (waste water) to 3 psig above normal working pressure of the line.

Response: GPM proposes the following procedure to be followed for the annual integrity test:

- 1) Isolate the tank.
- 2) Install a 6' riser pipe on top of the tank.
- 3) fill the tank and riser pipe with water.
- 4) Monitor the fluid level in the riser pipe for a twelve-hour period.  
If the fluid level remains the same over the twelve-hour period,  
tank integrity testing has been proven.

Item 2. A work plan to investigate the hydrocarbon contamination at the facility vent area (see photo number 3) needs to be proposed by GPM.

Response: GPM proposes mix and disc the soil on site after determining the initial BTEX and TPH concentration. Depending on the depth to groundwater GPM will cleanup the soil to the OCD recommended guideline levels.

7  
Mr. W. Jack Ford  
New Mexico Oil Conservation Division  
June 12, 1998  
Page 2

Item 3. Any non-exempt waste(s) that are generated at the facility such as "lube oil" contaminated soil and wash down waters will need to be properly characterized per 40 CFR Part 261.

Response: GPM will handle the waste streams appropriately depending on its waste classification.

Item 4. The saddle tank(s) need to have some sort of impermeable drip collection under them. (see photo number 2.)

Response: GPM proposes to retro-fit the chemical saddle tanks with a impermeable drip collection system.

Item 5. The slop oil tank needs to be investigated - see photo number 2.

Response: GPM will investigate the slop oil tank and surrounding areas and will report our findings to the OCD at our scheduled July 8, 1998 9:00 AM meeting in Santa Fe.

If you have any questions concerning this work plan, please call me at (915) 368-1142.

Sincerely,



Mel P. Driver, P.E.  
Environmental Engineer  
New Mexico Region



# GPM GAS CORPORATION

# FAX

Date: 6/12/98

Number of pages including cover sheet: 3

**To:**

W. Jack Ford  
Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, NM 87505

Phone: 505-827-7156

Fax phone: 505-827-8177

CC: \_\_\_\_\_

**From:**

Mel P. Driver  
4044 Penbrook  
Odessa, TX 79762  
email: mpdrive@ppco.com

Phone: 915-368-1142

Fax phone: 915-368-1163

**REMARKS:**     Urgent     For your review     Reply ASAP     Please comment

Jack, please find to follow a letter summarizing our conversation from this afternoon.

**GPM GAS CORPORATION**

June 12, 1998

4044 PENBROOK  
ODESSA, TEXAS 79762  
NEW MEXICO REGION

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

**RE: Hat Mesa Compressor Station  
Discharge Plan GW-128**

Dear Mr. Ford:

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Item 1. GPM will submit a plan to pressure test all below grade lines (waste water) to 3 psig above normal working pressure of the line.

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- 2) Install a 6" riser pipe on top of the tank.
- 3) fill the tank and riser pipe with water.
- 4) Monitor the fluid level in the riser pipe for a twelve-hour period.  
If the fluid level remains the same over the twelve-hour period,  
tank integrity testing has been proven.

Item 2. A work plan to investigate the hydrocarbon contamination at the facility vent area (see photo number 3) needs to be proposed by GPM.

Response: GPM proposes mix and disc the soil on site after determining the initial BTEX and TPH concentration. Depending on the depth to groundwater GPM will cleanup the soil to the OCD recommended guideline levels.

Mr. W. Jack Ford  
New Mexico Oil Conservation Division  
June 12, 1998  
Page 2

Item 3. Any non-exempt waste(s) that are generated at the facility such as "lube oil" contaminated soil and wash down waters will need to be properly characterized per 40 CFR Part 261.

Response: GPM will handle the waste streams appropriately depending on its waste classification.

Item 4. The saddle tank(s) need to have some sort of impermeable drip collection under them. (see photo number 2.)

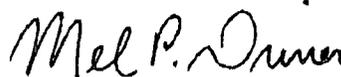
Response: GPM proposes to retro-fit the chemical saddle tanks with a impermeable drip collection system.

Item 5. The slop oil tank needs to be investigated - see photo number 2.

Response: GPM will investigate the slop oil tank and surrounding areas and will report our findings to the OCD at our scheduled July 8, 1998 9:00 AM meeting in Santa Fe.

If you have any questions concerning this work plan, please call me at (915) 368-1142.

Sincerely,



Mel P. Driver, P.E.  
Environmental Engineer  
New Mexico Region



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

January 26, 1998

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. Z-357-869-913**

Mr. Mel Driver  
Environmental Engineer  
GPM Gas Services Company  
4044 Penbrook  
Odessa, Texas 79762

**RE: HAT MESA COMPRESSOR STATION, GW-128, LEA COUNTY, NEW MEXICO**

Dear Mr. Driver:

This is a letter of inquiry based upon our telephone discussion of December 4, 1997 and a letter addressed to GPM Gas Services Company (GPM), dated May 20, 1997, a copy of which is attached. Please respond to the questions raised in the May 20 letter. These concerns must be addressed prior to further processing of GPM's renewal application for the above referenced facility.

Your early attention to this matter is greatly appreciated so that a timely review of the application can be made. If you have any questions contact me at (505) 827-7156.

Sincerely,

W. Jack Ford, G.P.G.  
Geologist  
Environment Bureau  
Oil Conservation Division

cc: OCD Hobbs District

Z 357 869 913

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

Sent to	Mel Driver
Street & Number	GPM
Post Office, State, & ZIP Code	Odessa, TX
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	GW-128

PS Form 3800, April 1995

# GPM GAS SERVICES COMPANY

4044 Penbrook  
Odessa, TX 79762  
(915) 368 1112  
Fax: (915) 368-1163

## FAX TRANSMISSION COVER SHEET

Date: 11/18/97  
To: Mark Ashley  
Company: Oil Conservation Division  
Fax: 505 827-8177  
Re: Discharge Plan Renewal  
Sender: Mel Driver

YOU SHOULD RECEIVE 2 PAGE(S), INCLUDING THIS COVER SHEET. IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (915) 368-1061.

12-4-97  
WO reply to Hr.  
dated 5-20-97 -  
Spoke w/ Mel Driver  
he is to review &  
reply prior to processing  
permit renewal.

11-24  
Review original  
Permit for compliance  
with present rules -  
if ok send letter  
of approval for renewal

GW-128

November 17, 1997

**GPM GAS SERVICES COMPANY**  
A DIVISION OF PHILLIPS PETROLEUM COMPANY4044 PENBROOK  
ODESSA, TX 79762

915-368-1085

Hat Mesa Compressor Station  
Discharge Plan GW-128  
Discharge Plan Renewal**FAXED**

Mr. Mark Ashley  
State of New Mexico  
Energy, Minerals & Natural Resources Department  
Oil Conservation Division, Environmental Bureau  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Dear Mr. Ashley:

Pursuant to Title 20 New Mexico Administrative Code (NMAC) 6.2, Subpart III, Section 3106, Application for Discharge Plan Approvals and Renewals, GPM Gas Services Company (GPM) is herewith submitting the required flat fee along with the signed discharge plan Requirements Acceptance Agreement for Hat Mesa Compressor Station.

GPM has operated the Hat Mesa Compressor station in accordance with the terms and conditions of Groundwater Discharge Plan GW-128. GPM has made no changes to Hat Mesa Compressor Station since the original discharge plan went into effect and would like to renew the discharge plan under the present terms of the existing permit.

Please do not hesitate to contact me at (915) 368-1142 should you have any questions or require additional information.

Sincerely,

A handwritten signature in cursive script that reads "Mel P. Driver".

Mel P. Driver, P.E.  
Environmental Engineer  
New Mexico Region

November 17, 1997



**GPM GAS SERVICES COMPANY**  
A DIVISION OF PHILLIPS PETROLEUM COMPANY

4044 PENBROOK  
ODESSA, TX 79762

Hat Mesa Compressor Station  
Discharge Plan GW-128  
Discharge Plan Renewal

**FAXED**

Mr. Mark Ashley  
State of New Mexico  
Energy, Minerals & Natural Resources Department  
Oil Conservation Division, Environmental Bureau  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

Dear Mr. Ashley:

Pursuant to Title 20 New Mexico Administrative Code (NMAC) 6.2, Subpart III, Section 3106, Application for Discharge Plan Approvals and Renewals, GPM Gas Services Company (GPM) is herewith submitting the required flat fee along with the signed discharge plan Requirements Acceptance Agreement for Hat Mesa Compressor Station.

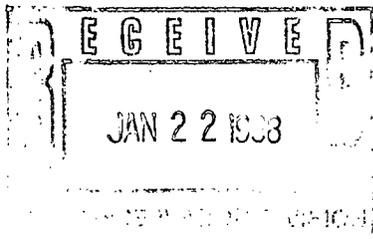
GPM has operated the Hat Mesa Compressor station in accordance with the terms and conditions of Groundwater Discharge Plan GW-128. GPM has made no changes to Hat Mesa Compressor Station since the original discharge plan went into effect and would like to renew the discharge plan under the present terms of the existing permit.

Please do not hesitate to contact me at (915) 368-1142 should you have any questions or require additional information.

Sincerely,

A handwritten signature in cursive script that reads "Mel P. Driver".

Mel P. Driver, P.E.  
Environmental Engineer  
New Mexico Region





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

May 20, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-390**

Mr. Scott Seeby  
GPM Gas Corp.  
4044 Penbrook  
Odessa, Texas 79762

**RE: Renewal Inspection  
Discharge Plan GW-128  
GPM "Hat Mesa" Compressor Station**

Dear Mr. Seeby:

The New Mexico Oil Conservation Division (OCD) has completed this inspection report as part of the permit renewal process for discharge plan GW-128. The following OCD staff members were present during the renewal inspection on Thursday April 7, 1997 - Mr. Wayne Price and Mr. Patricio Sanchez. The purpose of this report is to provide GPM with the information that is needed to comply with the terms and conditions of GW-128 as this permit will expire on November 19, 1997. However, it will be GPM's responsibility to comply with the terms and conditions of GW-128.

1. GPM will submit a plan to pressure test all below grade lines (waste water) to 3 psig above normal working pressure of the line - see OCD "Discharge Plan Guidelines, Revised 12-95" page 9. **The testing plan must be approved by the Santa Fe OCD office.** Any below grade sump or tank that is found not to have integrity shall be reported to the Santa Fe OCD office with a proposed corrective action plan to repair the sump or below grade tank and identify possible contamination.
2. A work plan to investigate the hydrocarbon contamination at the facility vent area (see photo number 3) needs to be proposed by GPM. The plan shall address the nature and vertical as well as horizontal extent of possible contamination so that WQCC Groundwater Standards 20 NMAC 6.2.3103 will not be exceeded.
3. Any non-exempt waste(s) that are generated at the facility such as the "lube oil" contaminated soil and wash down water need to be properly characterized per 40 CFR Part 261. If the wastes are non-hazardous OCD will be the approving agency, if the wastes are hazardous then GPM must notify the NMED, HRMB at (505)-827-7156 for proper guidance in the collection, storage, and disposal of hazardous waste.

Mr. Scott Seeby  
 GPM "GW-128"  
 Inspection Report  
 May 20, 1997  
 Page 2

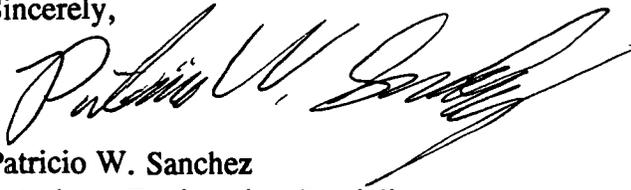
Note: Only Exploration and Production wastes that "Exempt from RCRA Subtitle C" may be disposed of in Class II UIC Salt Water Disposal wells.

4. The saddle tank(s) need to have some sort of impermeable drip collection under them. (see photo number 2.)
5. The slop oil tank needs to be investigated - see photo number 2.

Since this permit will expire in November of 1997 GPM may address the above mentioned issues as part of the renewal for GW-128.

If GPM has any questions with regards to this inspection report feel free to contact me at (505)-827-7156.

Sincerely,



Patricio W. Sanchez  
 Petroleum Engineering Specialist  
 Environmental Bureau - OCD

(Enclosure - Photographs taken on April 7 1997 by the OCD of "Hat Mesa", and facility diagram drawn by OCD.)

c: Mr. Wayne Price - Environmental Engineer, OCD Hobbs District

P 41 4:30 390

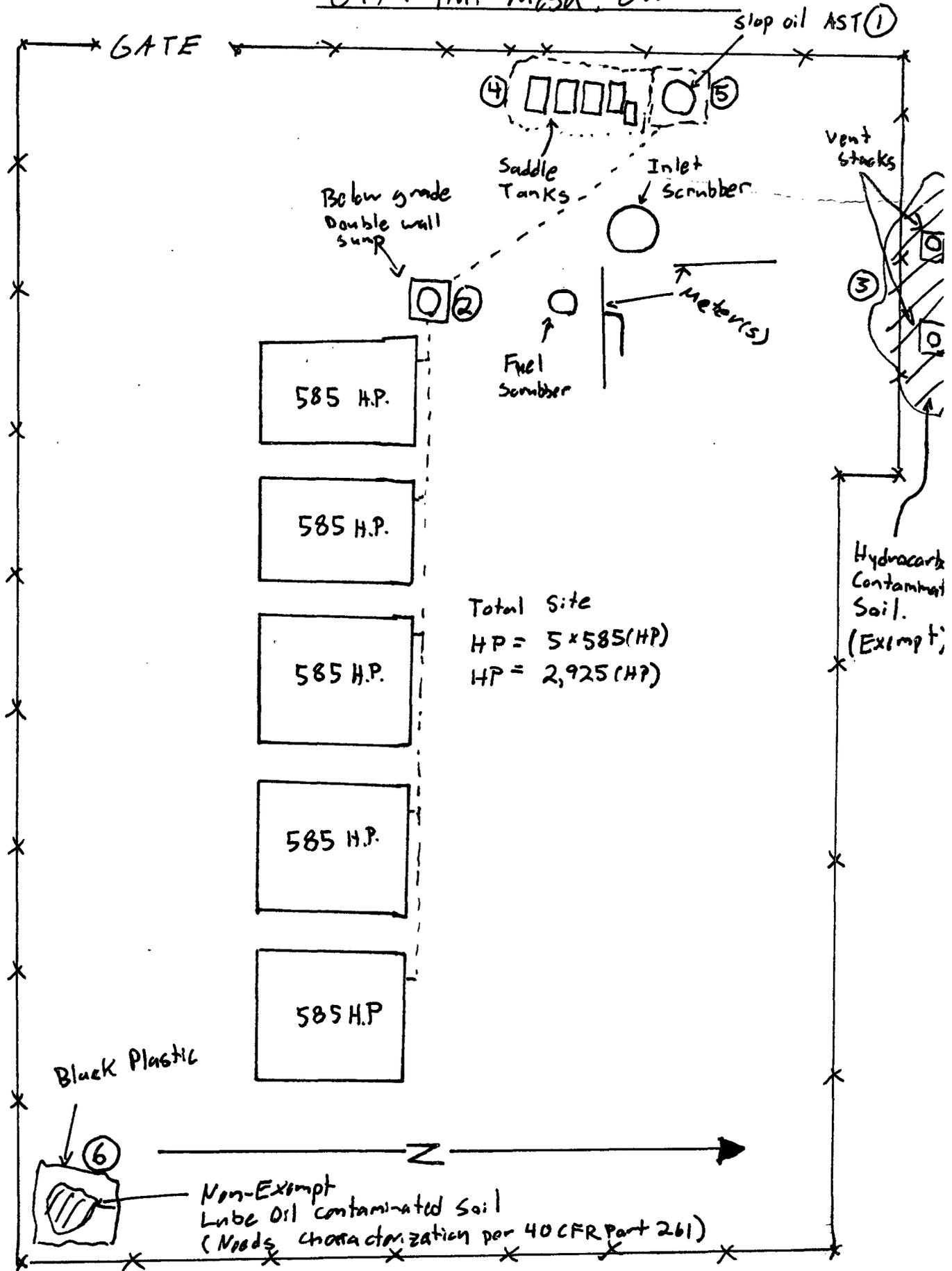
US Postal Service  
 Receipt for Certified Mail  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

PS Form 3800, April 1995

Street & Number	Post Office, State, & ZIP Code
Postage	
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

Sent to: GPM - Seeby  
 Street & Number: GW-128 + US REPORT  
 Post Office, State, & ZIP Code:

GPM Hat Mesa, GW-128



Total site  
 HP = 5 x 585 (HP)  
 HP = 2,925 (HP)

GPM "HAT MESA" GW-128  
(PHOTOS BY OCD)



PHOTO NO.   1  

DATE: 4/07 /97



PHOTO NO.   2  

DATE: 4/07 /97

GPM "HAT MESA" GW-128  
(PHOTOS BY OCD)



PHOTO NO. 3

DATE: 4/07 /97



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

May 19, 1997

**CERTIFIED MAIL**  
**RETURN RECEIPT NO. P-410-431-386**

Mr. Scott Seeby  
GPM Gas Corp.  
4044 Penbrook  
Odessa, Texas 79762

**RE: Discharge Plan GW-128 Renewal  
Hat Mesa Compressor Station  
Lea County, New Mexico**

Dear Mr. Seeby:

On November 20, 1992, the groundwater discharge plan, GW-128, for the Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea 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 November 19, 1997.

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 GPM submits an application for renewal at least 120 days before the discharge plan expires (on or before July 19, 1997), 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 Hobbs 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 GPM in the past. If you require copies of these items notify the OCD at (505)-827-7152. A complete copy of the regulations is also available on OCD's website at [www.emnrd.state.nm.us/ocd/](http://www.emnrd.state.nm.us/ocd/))

Mr. Scott Seeby  
GPM, GW-128  
6 Month Notice  
May 19, 1997  
Page 2

The discharge plan renewal application for the Hat Mesa Compressor Station is subject to the WQCC Regulations 3114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (\$50) dollars plus a flat fee of three-hundred and forty five (\$345) dollars for Compressor Stations between 3,000 and 1,001 horsepower.

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

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

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

Sincerely,



Roger C. Anderson  
Environmental Bureau Chief

RCA/pws

c: Hobbs OCD District Office

P 410 431 386

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

Sent to GPM - Seeby	
Street & Number GW-128	
Post Office, State, & ZIP Code 6 Month Renewal	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

S Form 3800 April 1995

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 12/18/92  
or cash received on 12/29/92 in the amount of \$ 690.  
from GPM Gas Corporation  
for Hat Mesa Compressor Station GW-120  
(Facility Name) (DP No.)

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
Submitted to ASD by: Kathy Brown Date: 12/29/92  
Received in ASD by: Sherry Gonzalez Date: 12/29/92

Filing Fee \_\_\_\_\_ New Facility  Renewal \_\_\_\_\_  
Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 93

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

WESTSTAR BANK, n.a.  
BARTLESVILLE, OKLAHOMA

GPM GAS CORPORATION  
BARTLESVILLE, OKLAHOMA 74004

86-82/1031

	DATE	CHECK NO.	AMOUNT
⑈000091187	12/08/92	[REDACTED]	\$690.00
PAY TO THE ORDER OF		EXACTLY *****\$690DOLLARS AND 00 CENTS	

N.M.E.D. - WATER QUALITY MANAGEMENT  
OCD OFFICE  
P.O. BOX 2088  
SANTA FE NM 87504

GPM GAS CORPORATION 51  
*Sherry Gonzalez*





OIL CONSERVATION DIVISION  
RECEIVED

**GPM GAS CORPORATION**

402 PINEBROOK  
ODESSA, TEXAS 79762

DEC 23 AM 9 57

December 16, 1992

Discharge Plan Fee Payment  
Discharge Plan GW-128  
Hat Mesa Compressor Station  
Lea County, New Mexico

William J. Le May  
Director, State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
P.O. Box 2088  
State Land Office Building  
Santa Fe, NM 87504

Dear Mr. Le May:

Please find enclosed a check in the amount of \$690.00 as payment for approval of Discharge Plan GW-128, Hat Mesa Compressor Station. Submission of the discharge plan fee satisfies condition one of the approval requiring GPM Gas Corporation remit payment upon receipt of your letter dated November 20, 1992.

Your time and energy in approving the Hat Mesa Compressor Station discharge plan is greatly appreciated. Please contact me at (915) 368-1142 should you have any questions regarding this submittal.

Sincerely,

Scott Seeby  
Environmental Analyst  
New Mexico Region

ACKNOWLEDGEMENT OF RECEIPT  
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 8-6-92  
or cash received on 8-12-92 in the amount of \$ 50.00  
from GPM Gas Corporation  
for Hot Mesa Compressor Station GW-128  
(Facility Name) (DP No.)

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

Submitted to ASD by: Rogin Anderson Date: 8/12/92

Received in ASD by: Thana Parker Date: 8/12/92

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

Modification \_\_\_\_\_ Other \_\_\_\_\_  
(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

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



Odessa 66 Credit Union

ODESSA 66 CREDIT UNION

4015 Penbrook • P.O. Box 12010 • Odessa, Texas 79768-2010  
(915) 367-8911 • 1-800-344-3416  
MIDLAND TOLL FREE 550-8911

06 Aug 1992

88-9051 / 3119

NO. [REDACTED]

Southwest Corporate FCU  
4485 LBJ Freeway  
Farmers Branch, TX 75244

PAY \*\*\*\*FIFTY DOLLAR(S) AND 00 CENT(S)

\$50.00

VOID AFTER 90 DAYS

TO  
THE  
ORDER  
OF

NEW MEXICO OIL CONSERVATION DIV.

REM: GPM

Margaret Grubbs  
Authorized Signature





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  
'92 NOV 4 AM 8 52

October 28, 1992

Mr. William J. LeMay  
Director, State of New Mexico  
Oil Conservation Division  
P.O. Box 2086  
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 October 5, 1992, regarding Oil Conservation Division (OCD) discharge permits GW-101, GW-114, GW-128, GW-129, and GW-130, on fish, shellfish, and wildlife resources in New Mexico.

The Service has determined there are no wetlands or other environmentally sensitive habitats, plants, or animals that will be adversely affected by the following discharge permits.

GW-101- Smith Energy Services, located in Section 14, T29N, R13W, NMPM, San Juan County, New Mexico. Approximately 1,000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system.

GW-114- Dowell Schlumberger, located in Section 4, T17S, R26E, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water is stored in a closed top steel tank prior to disposal at an OCD approved offsite disposal facility.

GW-128- GPM Gas Corporation, Hat Mesa Compressor Station located in Section 4, T21S, R32E, NMPM, Lea County, New Mexico. Approximately 1,250 gallons per day of waste water is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility.

Regarding GW-129, Gas Company of New Mexico, Crouch Mesa Compressor Station, the Service has the following comments on the issuance of a permit to allow approximately 15 gallons per day of waste water to be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. The facility is located in Section 23, T29N, R12W, NMPM, San Juan County, New Mexico. It was not disclosed in the permit whether the tank was a closed tank or not. The Service is concerned an open tank would create a potential risk to Department of the Interior Trust Resources. If this is the case, the

Service recommends screening or netting be implemented to exclude migratory birds.

Migratory birds are protected under the Migratory Bird Treaty Act (MBTA). If migratory birds become exposed to or accumulate harmful levels of contaminants, this constitutes "take" under the MBTA. The MBTA makes it unlawful for anyone at anytime or in any manner to capture, transport, or kill any migratory birds unless permitted by regulations promulgated under it. The courts have stated the MBTA can be constitutionally applied to impose penalties to persons, associations, partnerships, or corporations which did not intend to "kill" migratory birds and that the MBTA includes poisoning by any means. The MBTA holds that the unlawful killing of even one migratory bird is an offense.

Regarding GW-130 in which Bloomfield Refining Company has submitted a discharge plan application to construct and operate a Class I (nonhazardous) disposal well. Up to 2,380 barrels (100,000 gallons) per day of nonhazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3,400 to 3,600 feet. Groundwater most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet. The well will be located on refinery property at Section 26, T29N, R11W, NMPM San Juan County, New Mexico.

The deterioration of water quality in the San Juan River is believed to be adversely affecting fish and wildlife resources in the basin, including the federally endangered Colorado squawfish and razorback sucker. In 1988, there was an inspection by the Environmental Protection Agency at Bloomfield Refining Company where significant contamination was found; the area is now a Resource Conservation and Recovery Act site. The refinery is built on a cobble formation with Nacimiento shale which serves as an aquifer cap. This is usually an unsaturated zone but because of refinery and natural forces it has become saturated. The Service is concerned improper construction of the injection well could lead to further migration of contaminants to the river. We offer the following comments:

1. The well should be cased and cemented to prevent the movement of fluids.
2. A monitoring program should be implemented to assess fluid movement from the well or injection zone into or between underground sources of water.
3. Pressure buildup in the injection zone should be monitored annually.
4. The casing and cement used in the construction should be designed for the life expectancy of the well.
5. Mechanical integrity should be checked at least once every five years.

Mr. William J. LeMay

3

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

Sincerely,

  
for Jennifer Fowler-Propst  
Field Supervisor

cc:

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

NOTICE OF PUBLICATION

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

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

(GW-101) - Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-114) - Dowell Schlumberger, Richard B. Connell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE/4 SE/4, Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) - GPM Gas Corporation, Vincent B Bernard, Safety and Environmental Supervisor, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan application for their Hat Mesa Compressor Station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately

1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

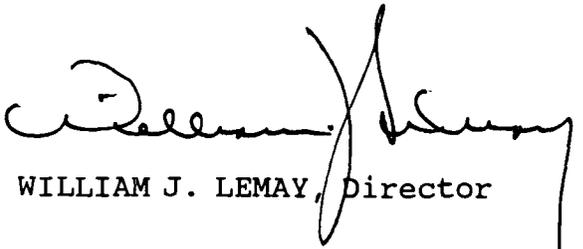
(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Ground water most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l.

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 30th day of September, 1992.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY, Director

S E A L

AFFIDAVIT OF PUBLICATION

No. 30140

STATE OF NEW MEXICO,  
County of San Juan:

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

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

First Publication FRIDAY, OCTOBER 9, 1992

Second Publication \_\_\_\_\_

Third Publication \_\_\_\_\_

Fourth Publication \_\_\_\_\_

and the cost of publication was \$ 81.33

*Christine Hill*

Subscribed and sworn to before me this 20 day of OCTOBER, 1992.

*Denny Beck*  
Notary Public, San Juan County,  
New Mexico

My Comm expires: JULY 3, 1993 *April 2, 1996*

COPY OF PUBLICATI

NOTICE OF PBLICATION  
STATE OF NW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVAION DIVISION

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(GW-114) - Dowell Schlumberger, Richard B. Connell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE/4 SE/4, Section 4, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) - GPM Gas Corporation, Vincent B. Bernard, Safety and Environmental Supervisor, 4044 Penbrook, ~~San Juan~~ <sup>Fexas</sup> 79762, has submitted a discharge plan application for their Hat Mesa Compressor station located in the SW/4 SE/4, Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. the discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Ground water most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly cause by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l.

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 30th day of September, 1992.

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

SEAL

Legal No 30140 published in the Farmington Daily Times Farmington, New Mexico on Friday, October 9, 1992.

Thomas J. Smithson being duly sworn declares and says that he is the National Advertising manager of the Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for ..... 1 ..... times, the first publication being on the 10 ..... day  
of October ..... 1992, and the subsequent consecutive  
publications on ..... 1992.

*Thomas J. Smithson*

Sworn and subscribed to before me, a Notary Public in  
and for the County of Bernalillo and State of New  
Mexico, this 10 day of Oct. 1992.

PRICE ..... \$51.71

Statement to come at end of month.

ACCOUNT NUMBER C81873

CLA-22-A (R-12/92)

*Bernadette Out*

12-18-93

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, PO Box 2088, Santa Fe, New Mexico 87504-2088, telephone (505) 827-5800; (GW-101) Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE1/4 SW1/4 Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-114) Dowell Schlumberger, Richard B. Cornell, Manager, 500 Richey Street, Artesia, New Mexico 88210, has submitted a discharge plan application for their Artesia Service Facility located in the SE1/4 SE1/4 Section 4, Township 17 South, Range 28 East, NMPM, San Juan County, New Mexico. Approximately 280 gallons per day of waste water with a total dissolved solids concentration of approximately 1100 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 15 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-128) GPM Gas Corporation, Vincent B. Bernard, Safety and Environmental Supervisor, 4044 Penbrook, Odessa, Texas 79762, has submitted a discharge plan application for their Hot Mesa Compressor Station located in the SW1/4 SE1/4 Section 4, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico. Approximately 1250 gallons per day of waste water with a total dissolved solids concentration of approximately 5000 mg/l is stored in a closed top steel tank prior to disposal at an OCD approved off site treatment and disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-129) Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, PO Box 1899, Bloomfield, New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE1/4 NE1/4 Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 150 feet with a total dissolved solids concentration of approximately 1500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

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Any interested person may obtain further information from the Oil and 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 reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

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Given under the Seal of New Mexico  
Oil Conservation Commission at  
Santa Fe, New Mexico, on this 30th  
day of September, 1992.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION  
s/William J. Lamey, Director  
Journal: October 10, 1992

# Affidavit of Publication

# Copy of Publication

No. 14094

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly

sworn, says: That he is the Publisher of The

Artesia Daily Press, a daily newspaper of general circulation,

published in English at Artesia, said county and state, and that

hereto attached Legal Notice

is published in a regular and entire issue of the said Artesia

Daily Press, a daily newspaper duly qualified for that purpose

in the meaning of Chapter 167 of the 1937 Session Laws of

the State of New Mexico for 1 consecutive weeks on

the same day as follows:

Publication October 9, 1992

and Publication \_\_\_\_\_

Publication \_\_\_\_\_

Publication \_\_\_\_\_

Publication \_\_\_\_\_

Subscribed and sworn to before me this 23rd day

October 19 92

Garbace Ann Beans

Notary Public, Eddy County, New Mexico

My commission expires September 23, 1996

## LEGAL NOTICE

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

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

(GW-101) - Smith Energy Services, Brake Stevenson, District Manager, 2198 East Bloomfield Highway, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the SE/4 SW/4, Section 14, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico. Approximately 1000 gallons per day of waste water is treated in an oil/water separator prior to transfer to the City of Farmington wastewater treatment system. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 27 feet with a total dissolved solids concentration ranging from 600 mg/l to 900 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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(GW-129) - Gas Company of New Mexico, Sam Mohler, Compressor Operations Supervisor, P.O. Box 1899, Bloomfield New Mexico 87413, has submitted a discharge plan application for its Crouch Mesa Compressor Station located in the NE/4 NE/4, Section 23, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 15 gallons per day of waste water will be stored in a fiberglass tank prior to disposal at an OCD approved off site disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 252 feet with a total dissolved solids concentration of approximately 1500 mg/l.

The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager,

P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Up to 2380 barrels (100,000 gallons) per day of non-hazardous refinery waste will be disposed of by injection into the Cliff House formation at a depth from 3400 to 3600 feet. The total dissolved solids concentration of the waste is approximately 15,600 mg/l. The total dissolved solids concentration of the formation fluids is approximately 25,000 mg/l. The discharge plan addresses construction, operation and monitoring of the well and associated surface facilities and provides a contingency plan in the event of accidental spills, leaks and other unauthorized discharges to the ground surface. Groundwater most likely to be affected by any accidental discharge is at a depth from approximately 10 to 30 feet and is a water zone directly caused by seepage from Hammond Ditch. The ditch water has a total dissolved solids concentration of approximately 200 mg/l.

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.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 30th day of September, 1992.

STATE OF NEW MEXICO  
OIL CONSERVATION  
DIVISION  
e-William J. LeMay  
WILLIAM J. LEMAY,  
Director

SEAL  
Published in the Artesia Daily Press, Artesia, N.M. October 9, 1992.

Legal 14094



**GPM GAS CORPORATION**

4044 PENBROOK  
ODESSA, TEXAS 79762

OIL CONSERVATION DIVISION  
RECEIVED

'92 AUG 11 AM 8 57

August 6, 1992

Discharge Plan - GW-128  
Hat Mesa Compressor Station

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
Land Office Building  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Dear Mr. LeMay,

GPM Gas Corporation submits to the Environmental Bureau of the Oil Conservation Division for approval a groundwater discharge plan for the Hat Mesa Booster Station. Also attached is the associated filing fee in the amount of fifty dollars (\$50.00).

This facility will be a new installation consisting of four (4) 585 hp. reciprocating natural gas compressors located in Lea County, approximately 33 miles southwest of Hobbs, New Mexico.

Please contact me a (915) 368-1085 should any questions arise concerning this submittal. Thank you.

A handwritten signature in cursive script, appearing to read 'V. Bernard'.

Vincent B. Bernard  
Safety & Environmental Supervisor  
New Mexico Region

cc: Chris Eustice  
OCD Hobbs Office

VBB:mmm  
vbb23

GPM Gas Corporation  
OCD Ground Water Discharge Plan  
Hat Mesa Booster

RECEIVED

I. Name, Address, and Telephone of Discharger:

SEP 04 1992

Name: GPM Gas Corporation

OIL CONSERVATION DIV.  
SANTA FE

Address: 4044 Penbrook  
Odessa, Tx 79762

Tel: (915)-368-1085

II. Name, Address and Telephone of Local Contact:

Name: J. D. Green

Address: PO Box 66  
Oil Center, NM

Tel: (505)-397-5591

III. Location of Discharge:

Legal Description: Unit O, Section 4, T-21-S,R-32-E,  
Lea County, New Mexico

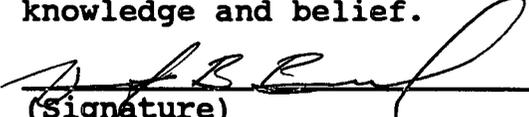
Site Plan: Attachment I  
Topographic Map: Attachment V

IV. Type of Natural Gas Operation:

Operation: Gas Compression

Description: Gas from a low pressure gas gathering system  
is compressed from approximately 5 psig to 700  
psig by reciprocating gas compressors. The 700  
psig gas is then discharged to a high pressure  
gas pipeline.

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

  
(Signature)

Vincent B. Bernard  
(Printed Name of Signatory)

August 31, 1992  
(Date)

Safety & Environmental Supervisor  
(Title)

## II. Plant Processes

### Liquids Produced or Used on Site

- \* Produced water and crude oil - 2500 gpd.

Typical analysis: H<sub>2</sub>O --50%  
CO<sub>2</sub> --.2%  
C<sub>1</sub> --.3%  
C<sub>2</sub> --.5%  
C<sub>3</sub> -- 3%  
C<sub>4</sub> -- 9%  
C<sub>5</sub> -- 7%  
C<sub>6</sub>+--30%

- \* Lube oil - 6 gpd average make-up.

HDG 30-40

- \* Methanol - 11 gpd.

- \* Corrosion inhibitor - .75 gpd.

Tretolite KG 0049

- \* Coolant - 3 gpd average make-up.

Ethylene Glycol -- 50%

Water -- 50%

All volumes are estimated, based on a three engine booster site.

Appendix A contains the material safety data sheets for the substances listed above.

Cooling System - An ethylene glycol based anti-freeze cooling system is used to cool the engines and compressors at the site. All of the units have individual self-contained cooling systems. When a machine is worked on, its anti-freeze charge is drained into the glycol storage tank located near the slop oil tank. After the work is completed the anti-freeze is returned to the unit. This storage tank is also used to provide a glycol make-up stream to the machines. This system is shown in Attachments II & III.

Methanol and Corrosion Inhibitor System - Methanol and a corrosion inhibitor are injected, from the storage tanks, into the discharge line of the Booster using two diaphragm pumps. This system is shown in Attachment II.

## III. Effluent Disposal

Open Drain System - The open drain system is an atmospheric drain system constructed of buried, externally coated, schedule 40 steel pipe. This drain empties into an environmental sump tank located in a cellar, adjacent to the first compressor skid. Used lube oil is drained from the engines into the sump tank through the open drain system. This system is shown in Attachments I, II & III. Although Attachment III shows only one compressor it is representative of the flow to all other units on site.

Environmental Sump Tank - All engines are tied into a lube oil sump tank through an open drain system. Liquids from the inlet scrubber, fuel gas scrubber, flare line, compressor scrubbers, and dehydrator are also drained into the sump tank.

Sump tank liquid is pumped to the Booster's slop oil storage tank. This system is shown in Attachments II & III. Slop oil storage tank liquid is periodically hauled by truck to GPM's Hobbs reclamation treater. The treater is located in section 4, T-19-S, R-38-E, Lea County New Mexico. The approximate street address of the Hobbs treater is 1625 West Marland, Hobbs, New Mexico 88240.

Storage Tanks - The 210 barrel slop oil tank is contained within a berm. The 1036 gallon lube oil, 1036 gallon anti-freeze, 1036 gallon methanol storage tanks and the 55 gallon corrosion inhibitor drum are located in a separate, but adjacent, berm. Attachment IV is a diagram showing the position and containment of these tanks.

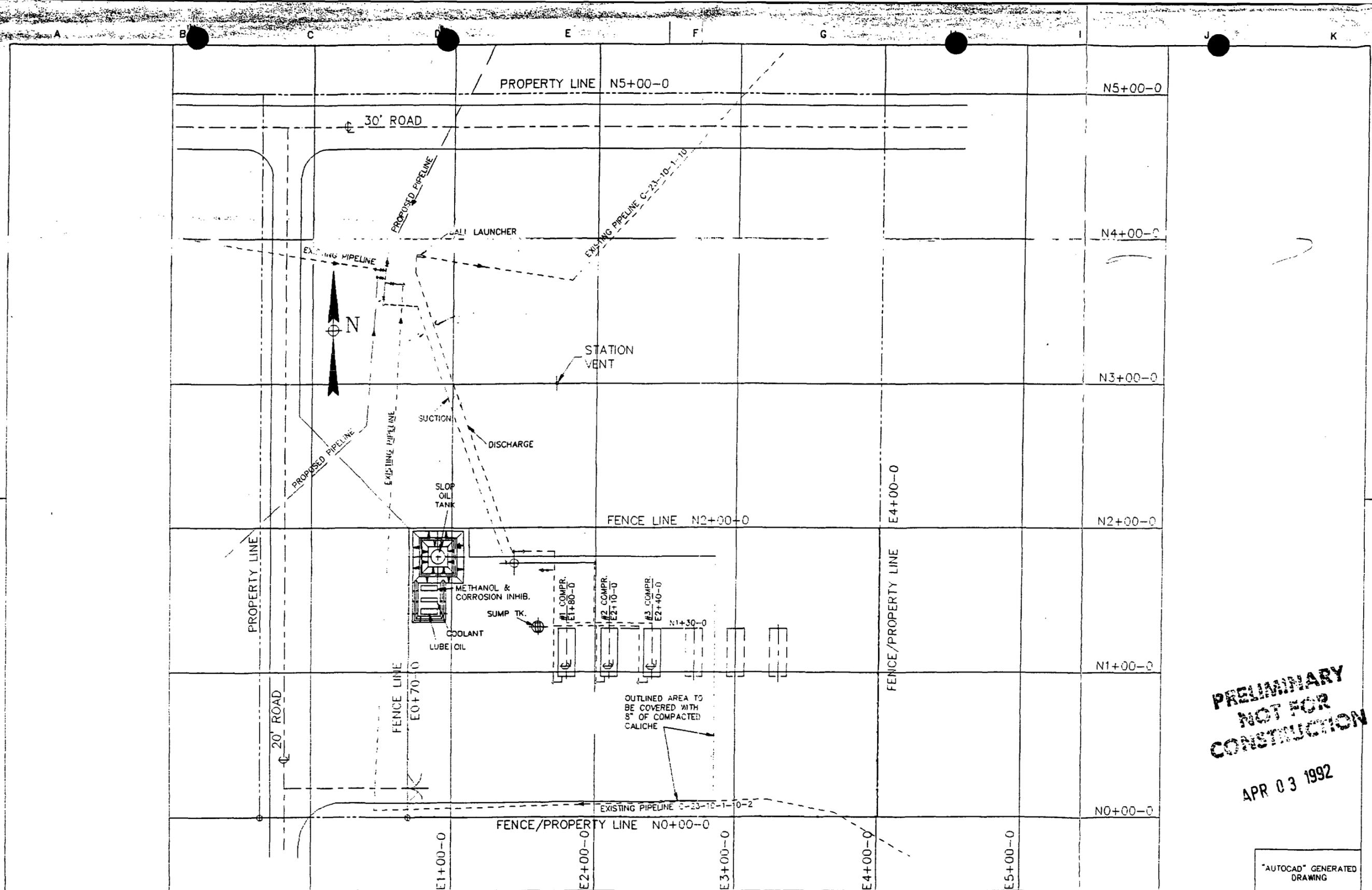
#### **iv. Spill/Leak Prevention and Housekeeping Procedure**

The Booster's underground vessels and piping are visually inspected and/or pressure tested prior to being put into service. The vessels and lines are externally and/or internally coated to ensure against corrosion. This equipment is checked periodically by operators. Any leaks would be detected by the operators and corrected. Operators are required to notify the Gathering System Supervisor of any leak. If the leak is significant, the Gathering System Supervisor will notify the Oil Conservation Division in accordance with Rule 116.

#### **V. Site Characteristics**

Topography - Attachment V is a topographical map of the area surrounding Hat Mesa Booster. As it can be seen from this map, there are no bodies of water within a one mile radius of the site.

Flooding Potential - None.

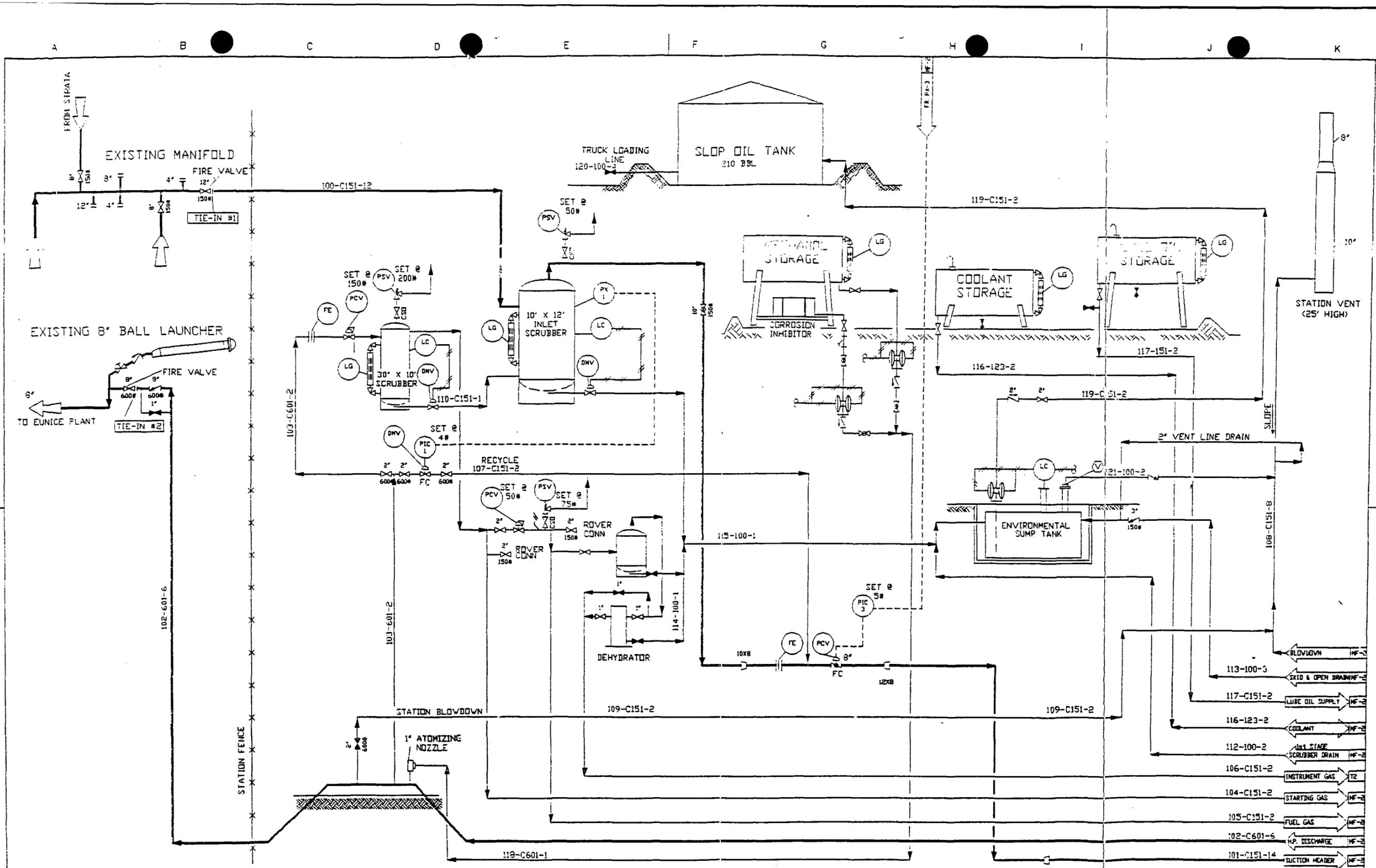


**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

APR 03 1992

"AUTOCAD" GENERATED  
DRAWING

NO.	REVISION	BY	DATE	APPD.	FOR BIDS	FOR APPR	FOR CONST	GPM Gas Corporation FORMERLY PHILLIPS NATURAL GAS COMPANY PLOT PLAN HAT-MESA BOOSTER STATION NEW MEXICO REGION GUNCE GATHERING SYSTEM	JA. NO. FILE CODE AFE NO. NO-PHABO SCALE 1"=30' DWF NO. GED-1029 SH NO. MP-1-0 CADW 1029MP1
0									



14112  
APR 23 1992  
"AUTOCAD" GENERATED DRAWING

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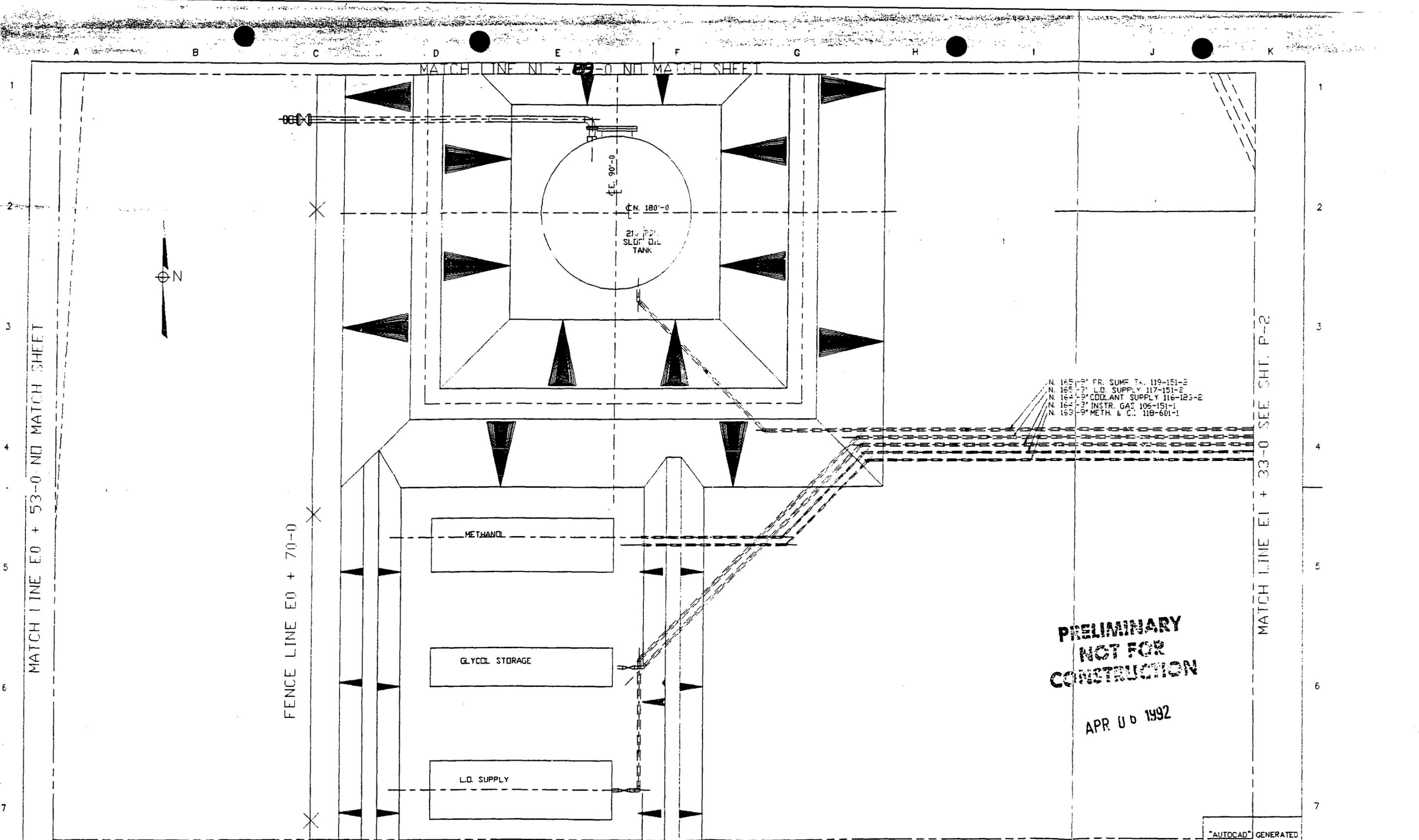
SY	DATE	APPD

FOR SDS  
FOR APPR  
FOR CONST  
DRAWN GOLDMAN  
CHECKED  
DATE

GPM Gas Corporation  
FORMERLY PHILLIPS NATURAL GAS COMPANY  
MECHANICAL FLOW SHEET  
INLET MANIFOLD, SUCT. SCRUBBER, SLOP OIL TK.,  
DISCH. MANIF., ETC.  
NEW MEXICO REGION  
HAT-MESA BOOSTER STA.

JA NO. FILE CODE  
SHEET NO. SCALE  
GPM INC. GED-1029  
SHEET NO. MF-1-0





**PRELIMINARY  
NOT FOR  
CONSTRUCTION**

APR 10 1992

- N. 165-5' FR. SUMP T. 119-151-2
- N. 165-3' L.D. SUPPLY 117-151-2
- N. 164-3' COOLANT SUPPLY 116-123-2
- N. 164-3' INSTR. GAS 106-151-1
- N. 163-9' METH. & C. 118-601-1

NO.	REVISION	BY	DATE
		CHKD	APPD
0			

FOR BIDS	GPM Gas Corporation Formerly PHILLIPS NATURAL GAS COMPANY
FOR APPR	
FOR CONST	PIPING PLAN
DRAWN	SLOP OIL, LUBE OIL, COOLANT & METH. STOR.
CHECKED	HAT MESA BOOSTER STATION
APP'D	NEW MEXICO REGION ELANDE GATHERING SYSTEM

JA NO.	FILE CODE
AFE NO.	SCALE
WD-PH460	3/8" = 1'-0"
DWG NO.	GED-1029

Attachmet IV

MATCH LINE NI + 39-0 NO MATCH SHEET

MATCH LINE E0 + 53-0 NO MATCH SHEET

MATCH LINE EI + 33-0 SEE SHT. P-2

FENCE LINE E0 + 70-0

METHANOL

GLYCOL STORAGE

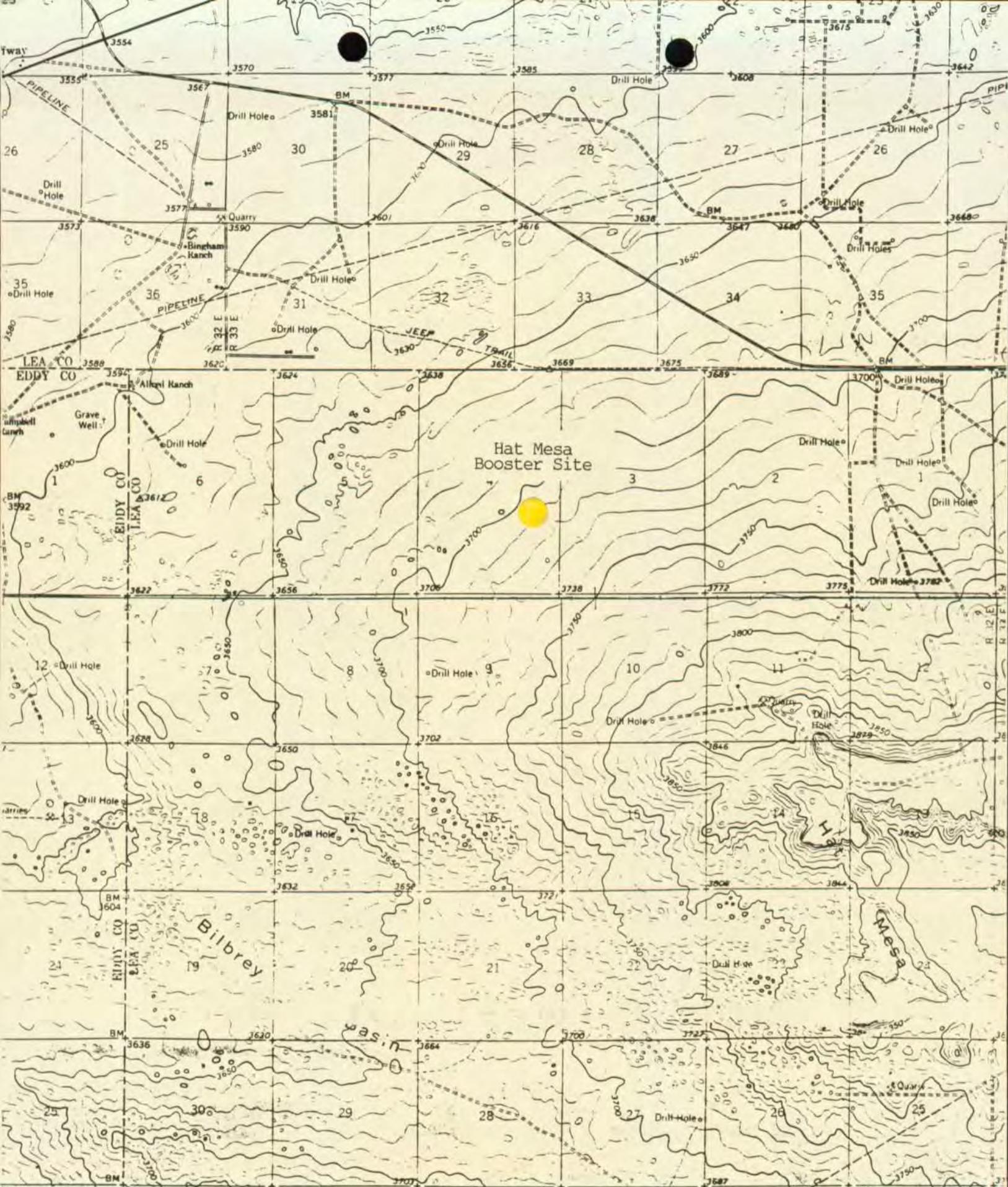
L.D. SUPPLY

210,000 GAL SLOP OIL TANK

CL. 90'-0"

DN. 180'-0"

"AUTOCAD" GENERATED DRAWING



Hat Mesa  
Booster Site

Mapped, edited, and published by the Geological Survey  
 Control by USGS and USC&GS  
 Planimetry by photogrammetric methods from aerial photographs  
 taken 1957. Topography by planetable surveys 1963  
 Polyconic projection. 1927 North American datum  
 10,000-foot grid based on New Mexico coordinate system, east zone  
 1000-meter Universal Transverse Mercator grid ticks.

Attachment V

**Appendix A**

**MATERIAL SAFETY DATA SHEET**

Product Name:

PHILLIPS PETROLEUM COMPANY  
Bartlesville, Oklahoma 74004

Emergency Phone Nos.

918-661-3865 (during business)

918-661-8118 (after hours)

**HDG  
MOTOR OILS  
(All Grades)**

USA AND CANADA



WORLDWIDE

OTHER COUNTRIES

**PRODUCT IDENTIFICATION**

Synonyms: Petroleum Oil SAE Grades 30, 40 and 50

Chemical Name: Mixture

Chemical Family: Hydrocarbon

Chemical Formula: Mixture

CAS Reg. No: Mixture

Product No: NE

Product and/or Components Entered on EPA's TSCA Inventory: Yes  No **HAZARDOUS COMPONENTS**

<u>Ingredients</u>	<u>CAS Number</u>	<u>% By Wt.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Petroleum Oil	Various	100	5 mg/m <sup>3</sup> *	5 mg/m <sup>3</sup> *

\*As Oil Mist.

# MATERIAL SAFETY DATA SHEET

Page 2 of 6

## PERSONAL PROTECTION INFORMATION

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required.

Eye Protection: Use safety glasses with side shields.

Skin Protection: No special garments required. Avoid unnecessary skin contamination with material.

NOTE: Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

## HANDLING AND STORAGE PRECAUTIONS

Avoid inhalation and skin and eye contact. Wear protective equipment described above if exposure conditions warrant. Wash hands after handling. Launder contaminated clothing before reuse.

Store in a cool, well-ventilated area away from ignition sources. Keep containers closed.

## REACTIVITY DATA

Stability: Stable  Unstable  Conditions to Avoid:

Incompatibility (Materials to Avoid): Oxygen and strong oxidizing agents.

Hazardous Polymerization: Will Not Occur  May Occur  Conditions to Avoid:

Hazardous Decomposition Products: Carbon oxides and various hydrocarbons formed when burned.

## HEALTH HAZARD DATA

**RECOMMENDED EXPOSURE LIMITS:** See Hazardous Components Section (Page 1).

### ACUTE EFFECTS OF OVEREXPOSURE:

**EYE:** Mild irritation.

**SKIN:** Practically non-toxic by skin absorption. Mild irritation with prolonged or repeated contact.

**INHALATION:** None expected to 25 mg/m<sup>3</sup> of air.

**INGESTION:** Practically non-toxic.

### SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:

No known applicable information.

### OTHER HEALTH EFFECTS:

No known applicable information.

### HEALTH HAZARD CATEGORIES:

	Animal	Human		Animal	Human
Known Carcinogen	<input type="checkbox"/>	<input type="checkbox"/>	Toxic	<input type="checkbox"/>	<input type="checkbox"/>
Suspect Carcinogen	<input type="checkbox"/>	<input type="checkbox"/>	Corrosive	<input type="checkbox"/>	<input type="checkbox"/>
Mutagen	<input type="checkbox"/>	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	<input type="checkbox"/>
Teratogen	<input type="checkbox"/>	<input type="checkbox"/>	Target Organ Toxin	<input type="checkbox"/>	<input type="checkbox"/>
Allergic Sensitizer	<input type="checkbox"/>	<input type="checkbox"/>	Specify _____		
Highly Toxic	<input type="checkbox"/>	<input type="checkbox"/>			

### FIRST AID AND EMERGENCY PROCEDURES:

**EYE:** Flush with running water for 15 minutes. If irritation develops, seek medical attention.

**SKIN:** Wash with soap and water.

**INHALATION:** Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

**INGESTION:** Give 2 glasses of water and induce vomiting. Seek medical attention.

## PHYSICAL DATA

Appearance: Light amber liquid

Odor: Mild

Boiling Point: >700°F (>371°C)

Vapor Pressure: <0.01 mm Hg at 20°C

Vapor Density (Air = 1): 15 +

Solubility In Water: Negligible

Specific Gravity (H<sub>2</sub>O = 1): 0.89 at 60/60°F

Percent Volatile by Volume: Negligible

Evaporation Rate (\_\_\_\_\_ = 1): Negligible

Viscosity: NE

## FIRE and EXPLOSION DATA

Flash Point (Method Used): >420°F (>216°C) (COC, ASTM D 92)

Flammable Limits (% By Volume in Air): LEL NE UEL NE

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO<sub>2</sub>).

Special Fire Fighting Procedures: Evacuate area of all unnecessary personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described on Page 2 if exposure conditions warrant. Water fog or spray may be used to cool exposed equipment and containers. Do not spray water directly on fire — product will float and could be reignited on surface of water.

Fire and Explosion Hazards: Carbon oxides and various hydrocarbons formed when burned.

## SPILL, LEAK and DISPOSAL PROCEDURES

Precautions Required if Material is Released or Spilled: Contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, sawdust, etc.). Transfer to disposal drums.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate or otherwise manage in a permitted waste management facility.

**DOT TRANSPORTATION**

Shipping Name: NA  
Hazard Class: NA  
ID Number: NA  
Marking: NA  
Label: NA  
Placard: NA  
Hazardous Substance/RQ: NA  
Shipping Description: NA  
Packaging References: NA

**RCRA CLASSIFICATION (FOR UNADULTERATED PRODUCT AS A WASTE)**

NA

**PROTECTIVE MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT**

NA

**HAZARD CLASSIFICATION**

THIS PRODUCT MEETS THE FOLLOWING HAZARD DEFINITION(S) AS DEFINED BY OCCUPATIONAL SAFETY AND HEALTH REGULATIONS (29 CFR PART 1910.1200):

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Not Hazardous | <input type="checkbox"/> Flammable Solid            | <input type="checkbox"/> Oxidizer       |
| <input type="checkbox"/> Combustible Liquid       | <input type="checkbox"/> Flammable Aerosol          | <input type="checkbox"/> Pyrophoric     |
| <input type="checkbox"/> Compressed Gas           | <input type="checkbox"/> Explosive                  | <input type="checkbox"/> Unstable       |
| <input type="checkbox"/> Flammable Gas            | <input type="checkbox"/> Health Hazard (See Page 3) | <input type="checkbox"/> Other reactive |
| <input type="checkbox"/> Flammable Liquid         | <input type="checkbox"/> Organic Peroxide           |   |

## ADDITIONAL COMMENTS (Continued)

Continuous skin contact with used motor oils has caused skin cancer in laboratory animals. Avoid prolonged skin contact with used motor oils.

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403a

# MATERIAL SAFETY DATA SHEET

METHANOL

MSDS No.  
HCR001423  
Rev. Date



**ARCO CHEMICAL COMPANY**  
 DIVISION OF ATLANTIC RICHFIELD COMPANY  
 1500 MARKET STREET  
 P.O. BOX 7258  
 PHILADELPHIA, PENNSYLVANIA 19101

**IMPORTANT:** Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.  
 This product is covered by the OSHA Hazard Communication Rule and this document has been prepared in accord with the MSDS requirements of the rule.

**I. General**

Trade Name <b>METHANOL</b>	Telephone Numbers <b>EMERGENCY</b> 800/424-9300 CHEMTREC 215/353-8300 ARCO CHEM CUSTOMER SERVICE 800/321-7000 INFO ONLY
Other Names <b>METHYL ALCOHOL, WOOD ALCOHOL</b>	
Chemical Family <b>ALIPHATIC ALCOHOL</b>	DOT Hazardous Materials Proper Shipping Name <b>METHYL ALCOHOL</b>
Generic Name <b>N/P</b>	DOT Hazard Class <b>FLAMMABLE LIQUID</b>
CAS No. <b>SEE SECTION IX</b>	Company ID No. <b>E000142300</b>
	UN/NA ID No. <b>UN 1230</b>

**II. DANGER Summary of Hazards** SEE SUPPLEMENT BEGINNING ON PAGE 7

<b>PHYSICAL HAZARDS:</b>	<b>EXTREMELY FLAMMABLE-MAY BURN WITH INVISIBLE FLAME</b>
<b>ACUTE HEALTH EFFECTS: (SHORT-TERM)</b>	<b>MODERATE INHALATION HAZARD MODERATE EYE IRRITANT MODERATE SKIN ABSORPTION HAZARD MODERATE INGESTION HAZARD. SEE SUPPLEMENT SLIGHT SKIN IRRITANT</b>
<b>CHRONIC HEALTH EFFECTS: (LONG-TERM)</b>	<b>SWALLOWING AS LITTLE AS ONE TO FOUR OUNCES OF METHANOL HAS BEEN REPORTED TO CAUSE DEATH OR SERIOUS IRREVERSIBLE INJURY SUCH AS BLINDNESS. SEE SUPPLEMENT</b>

**III. Fire and Explosion**

Flash Point (Method) <b>AP 50° F (CC )</b>	Autoignition Temperature (Method) <b>AP 725° F</b>	Flammable Limits (% Vol. in Air) At Normal Atmospheric Temperature and Pressure <b>Lower AP 6 Upper AP 36</b>
<b>Fire and Explosion Hazards</b> RELEASES FLAMMABLE VAPORS BELOW NORMAL AMBIENT TEMPERATURES. WHEN MIXED WITH AIR AND EXPOSED TO AN OPEN SOURCE, CAN BURN. MIXTURES WITH WATER AS LITTLE AS 21% (BY VOL) METHANOL ARE STILL FLAMMABLE (FLASH PT. <100 F). UNDER SOME CIRCUMSTANCES, MAY CORRODE CERTAIN METALS, INCLUDING ALUMINUM AND ZINC, AND GENERATE HYDROGEN GAS.		

<b>Extinguishing Media</b>	<b>DRY CHEMICAL CO2 FOAM FOR ALCOHOLS</b>	<b>WATERSPRAY WATER FOG</b>
----------------------------	---	---------------------------------

**Special Firefighting Procedures**  
 A METHANOL FIRE MAY NOT BE VISIBLE TO THE NAKED EYE. DO NOT ENTER FIRE AREA W/O PROPER PROTECTION. SEE SECTION X - DECOMPOSITION PRODUCTS POSSIBLE. FIGHT FIRE FROM SAFE DISTANCE/PROTECTED LOCATION. HEAT MAY BUILD PRESSURE/RUPTURE CLOSED CONTAINERS, SPREADING FIRE, INCREASING RISK OF BURNS/INJURIES. APPLY AQUEOUS EXTINGUISHING MEDIA CAREFULLY TO AVOID FROTHING AND LIMIT EXPOSURE OF NEARBY EQUIPMENT. NOTIFY AUTHORITIES IF LIQUID ENTERS SEWER/PUBLIC WATERS.

**IV. Health Hazards**SEE SUPPLEMENT  
BEGINNING ON PAGE 7

Summary of Acute Hazards MODERATE HEALTH HAZARD - SEE BELOW FOR ROUTE-SPECIFIC DETAILS.

ROUTE OF EXPOSURE	SIGNS AND SYMPTOMS	Primary Route(s)
Inhalation	OVEREXPOSURE MAY CAUSE COUGHING, SHORTNESS OF BREATH, DIZZINESS, INTOXICATION AND COLLAPSE.	<input checked="" type="checkbox"/>
Eye Contact	MAY CAUSE MODERATE IRRITATION, INCLUDING BURNING SENSATION, TEARING, REDNESS OR SWELLING.	<input checked="" type="checkbox"/>
Skin Absorption	EXPOSURE TO THIS MATERIAL CAN RESULT IN ABSORPTION THROUGH SKIN CAUSING HEALTH HAZARD.	<input checked="" type="checkbox"/>
Skin Irritation	MAY PRODUCE SKIN IRRITATION.	<input type="checkbox"/>
Ingestion	SEE SUPPLEMENT	<input checked="" type="checkbox"/>
Summary of Chronic Hazards and Special Health Effects	SEE SUPPLEMENT	
	SEE SUPPLEMENT	

**V. Protective Equipment and Other Control Measures**

Respiratory	DO NOT USE AIR-PURIFYING RESPIRATOR. ONLY NIOSH/MSHA APPROVED SUPPLIED AIR OR SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE PRESSURE MODE ARE SATISFACTORY.
Eye	EYE PROTECTION SUCH AS CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD MUST BE WORN WHEN POSSIBILITY EXISTS FOR EYE CONTACT DUE TO SPLASHING OR SPRAYING LIQUID, AIRBORNE PARTICLES, OR VAPOR. CONTACT LENSES SHOULD NOT BE WORN.
Skin	WHEN SKIN CONTACT IS POSSIBLE, PROTECTIVE CLOTHING INCLUDING GLOVES, APRON, SLEEVES, BOOTS, HEAD AND FACE PROTECTION SHOULD BE WORN. THIS EQUIPMENT MUST BE CLEANED THOROUGHLY AFTER EACH USE.
Engineering Controls	GENERAL ROOM OR LOCAL EXHAUST VENTILATION IS USUALLY REQUIRED TO MEET EXPOSURE STANDARD(S).
Other Hygienic and Work Practices	EMERGENCY EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING/WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

**VI. Occupational Exposure Limits**

Substance	Source	Date	Type	Value/Unit <sup>s</sup>	Time
METHYL ALCOHOL - SKIN	ACGIH	1984	TWA	200 PPM	8 HRS
			STEL	250 PPM	15 MIN
	OSHA	1971	TWA	200 PPM	8 HRS



# METHANOL

MSDS No.  
HCROO1423  
Rev. Date

## VII. Emergency and First Aid

Inhalation	IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO FRESH AIR IMMEDIATELY. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN EMERGENCY MEDICAL ATTENTION. PROMPT ACTION IS ESSENTIAL.
Eye Contact	IN CASE OF EYE CONTACT, IMMEDIATELY RINSE WITH CLEAN WATER FOR 20-30 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN EMERGENCY MEDICAL ATTENTION.
Skin Contact	IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH MILD SOAP/WATER. FLUSH W/LUKEWARM WATER FOR 15 MINUTES. IF STICKY, USE WATERLESS CLEANER FIRST. SEEK MEDICAL ATTENTION IF ILL EFFECT OR IRRITATION DEVELOPS.
Ingestion	IF SWALLOWED, GIVE LUKEWARM WATER (PINT) IF VICTIM COMPLETELY CONSCIOUS/ALERT. INDUCE VOMITING. OBTAIN EMERGENCY MEDICAL ATTENTION. PROMPT ACTION IS ESSENTIAL.
Emergency Medical Treatment Procedures	METHANOL INGESTION IS LIFE-THREATENING. INDUCE VOMITING WITH SYRUP OF IPECAC. FOLLOW EMESIS WITH MODERATE AMOUNTS OF WATER ORALLY.  SYMPTOM ONSET MAY BE DELAYED. ETHANOL THERAPY MAY BE INDICATED.

## VIII. Spill and Disposal

Precautions if Material is Spilled or Released	EXTREMELY FLAMMABLE LIQUID. RELEASE CAUSES IMMEDIATE FIRE/EXPLOSION HAZARD. LIQUIDS/VAPORS MAY IGNITE. EVACUATE/LIMIT ACCESS. EQUIP RESPONDERS WITH PROPER PROTECTION (SEE SEC. V). KILL ALL IGNITION SOURCES. STOP RELEASE. PREVENT FLOW TO SEWERS/PUBLIC WATERS. RESTRICT WATER USE FOR CLEANUP. NOTIFY FIRE/ENVIRONMENTAL AUTHORITIES. IMPOUND/RECOVER LARGE LAND SPILL. BLANKET WITH FIREFIGHTING FOAM (SEE SEC. III). SOAK UP SMALL SPILL WITH INERT SOLIDS. USE SUITABLE DISPOSAL CONTAINERS. ON WATER, MATERIAL SOLUBLE/MAY FLOAT OR SINK. MAY BIODEGRADE. CONTAIN/MINIMIZE DISPERSION/COLLECT. DISPERSE RESIDUE TO REDUCE AQUATIC HARM. REPORT PER REGULATORY REQUIREMENTS.
Waste Disposal Methods	CONTAMINATED PRODUCT/SOIL/WATER MAY BE RCRA/OSHA HAZARDOUS WASTE (SEE 40 CFR 261 AND 29 CFR 1910). IF SPENT SOLVENT INTENDED FOR DISPOSAL, MAY BE DESIGNATED F003; IF SPILL CLEANUP RESIDUE, U154 UNDER RCRA LISTINGS. LAND-FILL SOLIDS AT PERMITTED SITES. USE REGISTERED TRANSPORTERS. BURN CONCENTRATED LIQUIDS IN SYSTEMS DESIGNED FOR LOW FLASH POINT MATERIAL. AVOID FLAMEOUTS. ASSURE EMISSIONS COMPLY WITH APPLICABLE REGULATIONS. DILUTE AQUEOUS WASTE MAY BIODEGRADE. AVOID OVERLOADING/POISONING PLANT BIOMASS. ASSURE EFFLUENT COMPLIES WITH APPLICABLE REGULATIONS.

## IX. Components (This may not be a complete list of components)

Component Name	CAS No.	Carcinogen#	Composition amount (Wt.) (See Qualification on Page 4)
METHANOL	67-56-1	N/A	99 PERCENT

Compositions given are typical values, not specifications.

#Listed By: 1 = NTP, 2 = IARC, 3 = OSHA, 4 = Other

**X. Physical and Chemical Data**

Boiling Point (At 760.0 mm Hg) AP 147° F	Viscosity Units, Temp. (Method) N/AP	Dry Point N/AP
Freezing Point AP -144° F	Vapor Pressure (MM HG AT 68° F) AP 96	Volatile Characteristics MODERATE
Specific Gravity (H <sub>2</sub> O = 1 at 39.2° F) AP 0.79	Vapor Sp. Gr. (Air = 1.0 at 80° - 90° F) AP 1.1	Solubility in Water COMPLETE
	pH N/AP	
Hazardous Polymerization NOT EXPECTED TO OCCUR	Other Chemical Reactivity N/P	Stability STABLE
Other Physical and Chemical Properties N/P		
Appearance and Odor	CLEAR, COLORLESS LIQUID; FAINT ALCOHOL ODOR; ODOR IS NOT A GOOD INDICATOR OF EXPOSURE LEVEL.	
Conditions to Avoid	HEAT, SPARKS, OPEN FLAME, OXIDIZING CONDITIONS	
Materials to Avoid	STRONG OXIDIZING AGENTS; ALUMINUM; ZINC; ANY REACTIVE METAL WHICH WILL DISPLACE HYDROGEN; CERTAIN FORMS OF PLASTICS, RUBBER AND COATINGS	
Hazardous Decomposition Products	INCOMPLETE COMBUSTION WILL GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND PERHAPS OTHER TOXIC VAPORS SUCH AS FORMALDEHYDE.	

**XI. Additional Precautions**

Handling, Storage and Decontamination Procedures	STORE ONLY IN TIGHTLY CLOSED/ PROPERLY VENTED CONTAINERS AWAY FROM HEAT/ SPARKS/OPEN FLAMES/STRONG OXIDIZING AGENTS. USE ONLY NON-SPARKING TOOLS. BLANKET STORAGE WITH DRY INERT GAS. STORE DRUMS WITH BUNG IN UP POSITION. CAREFULLY VENT INTERNAL PRESSURE BEFORE REMOVING CLOSURE. GROUND CONTAINERS BEFORE TRANSFER. WILL ABSORB ATMOSPHERIC MOISTURE. ELECTRICAL EQUIPMENT SHOULD CONFORM TO NATIONAL ELECTRIC CODE. CARBON STEEL IS SATISFACTORY MATERIAL OF CONSTRUCTION. DO NOT STORE IN ALUMINUM OR ZINC (GALVANIZED). HANDLE "EMPTY" DRUMS WITH CARE/VAPOR RESIDUE MAY BE FLAMMABLE/POISONOUS.		
General Comments	ISOLATE, VENT, DRAIN, WASH AND PURGE SYSTEMS OR EQUIPMENT BEFORE MAINTENANCE OR REPAIR. REMOVE ALL IGNITION SOURCES. CHECK ATMOSPHERE FOR EXPLO-SIVENESS AND OXYGEN DEFICIENCIES. USE ADEQUATE PERSONAL PROTECTIVE EQUIPMENT. OBSERVE PRECAUTIONS PERTAINING TO CONFINED SPACE ENTRY.		
	SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE MATERIAL ITSELF		
--- Note ---	Qualifications:	EQ = Equal LT = Less Than GT = Greater Than	AP = Approximately UK = Unknown TR = Trace N/P = No Applicable Information Found N/AP = Not Applicable N/DA = No Data Available

**Disclaimer of Liability**

The information in this MSDS was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.



METHANOL

MSDS No  
HCRO01423  
Rev. Date

**XII.**

**Component Health Hazards**

**Component Name**

**Component Health Hazards**

METHANOL

SLIGHT SKIN IRRITANT  
MODERATE HEALTH HAZARD.

MODERATE EYE IRRITANT  
CNS DEPRESSANT



# METHANOL

MSDS No.  
HCROO1423  
Rev. Date

## XIII. Label Information

**Manufacturer:** ARCO CHEMICAL COMPANY  
DIVISION OF ATLANTIC RICHFIELD COMPANY  
1500 MARKET STREET  
P.O. BOX 7258  
PHILADELPHIA, PENNSYLVANIA 19101

**Telephone Numbers**  
EMERGENCY  
800/424-9300 CHEMTREC  
215/353-8300 ARCO CHEM  
CUSTOMER SERVICE  
800/321-7000 INFO ONLY

**Use Statement:** FOR INDUSTRIAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN

**Signal Word:** DANGER

**Physical Hazards:**  
EXTREMELY FLAMMABLE

**Health Hazards:**  
INHALATION HAZARD  
SKIN CONTACT HAZARD  
INGESTION HAZARD

EYE IRRITANT  
SKIN IRRITANT  
MAY CAUSE LONG-TERM ADVERSE HEALTH EFFECTS

**Precautionary Measures:** DO NOT HANDLE NEAR HEAT, SPARKS, OR OPEN FLAME.  
KEEP CONTAINER CLOSED WHEN NOT IN USE.  
DO NOT STORE NEAR COMBUSTIBLE MATERIALS.  
AVOID CONTACT WITH EYES.  
AVOID PROLONGED OR REPEATED BREATHING OF VAPOR.  
AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.  
USE ONLY WITH ADEQUATE VENTILATION/PERSONAL PROTECTION.  
PREVENT CONTACT WITH FOOD, CHEWING, OR SMOKING MATERIALS.  
WASH THOROUGHLY AFTER HANDLING.  
DO NOT TASTE/SWALLOW.

**DOT Information:** UN/NA ID Number- UN 1230  
Hazard Class- FLAMMABLE LIQUID  
Proper Shipping- METHYL ALCOHOL

**Instructions:** DRY CHEMICAL                      WATERSPRAY  
In case of fire, use- CO2                              WATER FOG

**First Aid -Inhalation:** IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO FRESH AIR IMMEDIATELY. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN EMERGENCY MEDICAL ATTENTION. PROMPT ACTION IS ESSENTIAL.

**-Eye Contact:** IN CASE OF EYE CONTACT, IMMEDIATELY RINSE WITH CLEAN WATER FOR 20-30 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN EMERGENCY MEDICAL ATTENTION

**-Skin Contact:** IMMEDIATELY REMOVE CONTAMINATED CLOTHING. WASH SKIN THOROUGHLY WITH MILD SOAP/WATER. FLUSH W/LUKEWARM WATER FOR 15 MINUTES. IF STICKY, USE WATERLESS CLEANER FIRST. SEEK MEDICAL ATTENTION IF ILL EFFECT OR IRRITATION DEVELOPS.

**-Ingestion:** IF SWALLOWED, GIVE LUKEWARM WATER (PINT) IF VICTIM COMPLETELY CONSCIOUS/ALERT. INDUCE VOMITING. OBTAIN EMERGENCY MEDICAL ATTENTION. PROMPT ACTION IS ESSENTIAL.

**Protective Equipment**

**-Respiratory:** USE NIOSH/MSHA APPROVED SUPPLIED AIR OR SELF-CONTAINED BREATHING APPARATUS.

**-Eye:** CHEMICAL SPLASH GOGGLES AND/OR FACE SHIELD.

**-Skin:** PROTECTIVE CLOTHING INCLUDING GLOVES, APRON, SLEEVES, BOOTS, AND FULL HEAD/FACE PROTECTION.



## XIV.

## Supplement

**ACUTE AND CHRONIC HEALTH EFFECTS**

SWALLOWING AS LITTLE AS 1 TO 4 OUNCES OF METHANOL HAS BEEN REPORTED TO CAUSE DEATH OR SERIOUS IRREVERSIBLE INJURY SUCH AS BLINDNESS IN HUMANS. STUDIES IN EXPERIMENTAL ANIMALS INDICATE THAT THE METABOLISM OF METHANOL TO FORMIC ACID RESULTS IN METABOLIC ACIDOSIS AND REVERSIBLE OR IRREVERSIBLE DAMAGE TO THE OPTIC NERVE. SEE THE MEDICAL TREATMENT SECTION OF THIS DATA SHEET FOR INFORMATION ON TREATING METHANOL POISONING.

A RECENT ARTICLE HAS REPORTED EFFECTS OF EXPOSURE TO METHANOL VAPORS (AM. IND. HYG. ASSOC. J. 45(1): 57-58, 1984). IN THIS REPORT TEACHERS AIDES EXPOSED TO METHANOL VAPORS (365-3080 PPM) IN DIRECT-PROCESS SPIRIT DUPLICATING OPERATIONS REPORTED SIGNIFICANTLY MORE OF THE FOLLOWING COMPLAINTS THAN A COMPARISON GROUP: BLURRED VISION, HEADACHE, DIZZINESS, AND NAUSEA.

**SPECIAL HEALTH EFFECTS**

INGESTION OF THIS PRODUCT, EVEN IN SMALL AMOUNTS, CAN CAUSE BLINDNESS AND DEATH. ONSET OF SYMPTOMS MAY BE DELAYED FOR 18-24 HOURS; TREATMENT PRIOR TO ONSET OF OBVIOUS SYMPTOMS MAY BE LIFE-SAVING. METHANOL IS RAPIDLY ABSORBED AND EMESIS SHOULD BE INITIATED EARLY TO BE EFFECTIVE, WITHIN 30 MINUTES OF INGESTION, IF POSSIBLE. ADMINISTER SYRUP OF IPECAC. AFTER THE DOSE IS GIVEN, ENCOURAGE PATIENT TO TAKE 6-8 OUNCES OF CLEAR NON-CARBONATED FLUID. DOSE MAY BE REPEATED ONCE IF EMESIS DOES NOT OCCUR WITHIN 20-30 MINUTES. ADMINISTRATION OF AN AQUEOUS SLURRY OF ACTIVATED CHARCOAL WITH MAGNESIUM CIRTATE OR SORBITOL AS A CATHARTIC HAS BEEN REPORTED HELPFUL.

ETHANOL INHIBITS THE FORMATION OF TOXIC METABOLITES. IF ETHANOL THERAPY IS INDICATED, ADMINISTER A LOADING DOSE OF 7.6-10 ML OF 10% ETOH IN DSW OVER 30-60 MINUTES. MAINTENANCE DOSE IS 1.4 ML/KG/HR OF 10% ETOH, TO ACHIEVE A 100-130 MG/DL BLOOD ETOH LEVEL DURING ETHANOL THERAPY. (IF CHARCOAL IS ADMINISTERED, ETHANOL SHOULD BE ADMINISTERED INTRAVENOUSLY AND NOT ORALLY.)

MAINTAIN CONTACT WITH POISON CONTROL CENTER DURING ALL ASPECTS OF DIAGNOSIS AND TREATMENT.



## MATERIAL SAFETY DATA SHEET

PAGE 2

\*\*\*CONTINUATION OF KG 0049 \*\*\*

## FLASH METHOD:

SFCC ASTM D-3828

## EXTINGUISHING MEDIA:

Use water spray or fog, alcohol-type foam, dry chemical or CO2.

## FIRE FIGHTING PROCEDURES:

Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Flammable. Cool fire-exposed containers using water spray.

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

Flammable liquid, vapors of which can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back.

\*\*\*\*\*

## SECTION 5 HEALTH HAZARD DATA

## EFFECTS OF OVEREXPOSURE:

## INHALATION:

Exposure to elevated vapor concentrations may result in eye, nose and respiratory irritation. Prolonged contact may cause drowsiness, dizziness and, in extreme cases, narcosis.

## SKIN AND EYE CONTACT:

Brief, intermittent skin contact may cause moderate to severe irritation resulting in skin rashes. Prolonged contact may cause severe irritation or burns where clothing is confined. Contact with eyes may produce severe irritation or burns with transient eye injury.

EYE IRR. SCORE: 2 (0=None, 4=Severe)

SKIN IRR SCORE: 4 (0=None, 4=Severe)

DERMAL LD50: &gt;2 g/kg Rabbit

## INGESTION:

Harmful if swallowed. May cause headache, gastrointestinal disturbances, dizziness, and nausea. May result in irritation of mouth and digestive tract.

ORAL LD50: 10.6 g/kg (Rat)

## EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. If rash or irritation develops, consult a physician. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician promptly.

\*\*\*CONTINUED ON PAGE: 3\*\*\*

## MATERIAL SAFETY DATA SHEET

PAGE 3

\*\*\*CONTINUATION OF KG 0049 \*\*\*

If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

If ingested, induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

\*\*\*\*\*  
SECTION 6 REACTIVITY DATA

## STABILITY:

Stable under normal conditions of storage and use.

## INCOMPATIBILITY:

Keep away from strong oxidizing agents, heat and open flames.

## HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen and phosphorus. HCl.

## HAZARDOUS POLYMERIZATION:

Will not occur.

\*\*\*\*\*  
SECTION 7 SPILL AND LEAK PROCEDURES

## IF MATERIAL IS SPILLED OR RELEASED:

Small spill - Absorb on paper, cloth or other material.  
Large spill - Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Cover residue with dirt, or suitable chemical adsorbent. Use personal protective equipment as necessary.

## DISPOSAL METHOD:

Place chemical residues and contaminated adsorbent materials into a suitable waste container and take to an approved hazardous waste disposal site. Dispose of all residues in accordance with applicable waste management regulations.

## DECONTAMINATION PROCEDURES:

Not appropriate.

\*\*\*\*\*  
SECTION 8 SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION:

When concentrations exceed the exposure limits specified, use of a NIOSH-approved organic vapor cartridge respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a self-contained breathing unit may be necessary.

\*\*\*CONTINUED ON PAGE: 4\*\*\*

# MATERIAL SAFETY DATA SHEET

\*\*\*CONTINUATION OF KG 0049 \*\*\*

**VENTILATION:**

General ventilation should be provided to maintain ambient concentrations below nuisance levels. Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

**PROTECTIVE CLOTHING:**

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

\*\*\*\*\*

**SECTION 9 SPECIAL PRECAUTIONS**

Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing of vapors and contact with eyes, skin or clothing. Keep container closed when not in use. Hazardous product residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning.

\*\*\*\*\*

Although the information and recommendations set forth herein are believed to be correct as of the date hereof, Petrolite makes no representations to the accuracy of such information and recommendations. It is the user's responsibility to determine the suitability and completeness of such information and recommendation for its own particular use. Petrolite shall not be responsible for any direct, indirect, incidental or consequential damages of whatsoever nature resulting from the publication, use of or reliance upon such information and recommendations.

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# ENVIRONMENTAL DATA SHEET

PETROLITE CORPORATION  
369 MARSHALL AVE.  
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 06/15/92  
CHEMTREC EMER NO: 1-800-424-9300  
INFORMATION PHONE: 1-314-961-3500

\*\*\*\*\*

PRODUCT: KG 0049

\*\*\*\*\*

The following information is provided for the convenience of Petrolite customers. This Environmental Data Sheet is incorporated into the Material Safety Data Sheet (MSDS) for the Petrolite product named above. When physically attached to the MSDS, this Environmental Data Sheet must not be detached from the MSDS. Any copying or redistribution of the MSDS to which this Environmental Data Sheet is attached must include copying and redistribution of this Environmental Data Sheet as well.

Petrolite makes reasonable efforts to assure the accuracy of this information, but makes no representation or warranty about it. This information is not intended as legal advice nor as a definitive guide to the requirements of applicable laws and regulations.

\*\*\*\*\*

### NFPA DESIGNATION 704

PRODUCT LABEL CODES		DEGREE OF HAZARD
HEALTH (BLUE)	= 3	0 = LEAST
FLAMMABILITY (RED)	= 3	1 = SLIGHT
REACTIVITY (YELLOW)	= 0	2 = MODERATE
SPECIAL HAZARDS	= COR	3 = HIGH
		4 = EXTREME

\*\*\*\*\*

### TSCA INVENTORY

This product, or its components, if a mixture, are on the Toxic Substance Control Act (TSCA) inventory.

\*\*\*\*\*

# ENVIRONMENTAL DATA SHEET

PETROLITE CORPORATION  
 369 MARSHALL AVE.  
 ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 06/15/92  
 CHEMTREC EMER NO: 1-800-424-9300  
 INFORMATION PHONE: 1-314-961-3500

\*\*\*\*\*

PRODUCT: KG 0049

\*\*\*\*\*

## CERCLA HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES

This Petrolite product contains the following materials which have been listed as a hazardous substance or substances subject to the release reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and 40 CFR Part 302 and 40 CFR 355.40. The reportable quantities (RQs) are calculated in gallons of product. Each entry corresponds to the RQ, in pounds, of the listed CERCLA hazardous substance.

CHEMICAL	CAS NUMBER	RQ, #	RQ, GAL
Methanol	67-56-1	5,000	2,350
Cumene	98-82-8	5,000	22,800
Ethylbenzene	100-41-4	1,000	74,600

\*\*\*\*\*

## SARA TITLE III, EXTREMELY HAZARDOUS SUBSTANCES

This Petrolite product contains the following materials which have been listed as an Extremely Hazardous Substance or Substances subject to the emergency planning provisions of SARA Title III, Section 302 and 40 CFR 355.30, the release reporting requirements of SARA Title III, Section 304 and 40 CFR 355.40, and the hazardous chemical reporting/community right-to-know requirements of SARA Title III, Section 312 and 40 CFR Part 370. The reportable quantities (RQs) and threshold planning quantities (TPQs) are calculated in gallons of product. Each entry corresponds to the RQ or TPQ in pounds, as appropriate, for the listed Extremely Hazardous Substances. No data is given for listed Extremely Hazardous Substances present in concentrations below applicable de minimis levels.

\*\*\*\* NONE \*\*\*\*

\*\*\*\*\*

## SARA TITLE III, SECTION 311: HAZARD CATEGORIES

This Petrolite product has been assigned to the following hazard category(ies), as provided by SARA Title III, Section 311 and 40 CFR 370, Subpart A, 370.2:

# ENVIRONMENTAL DATA SHEET

PETROLITE CORPORATION  
369 MARSHALL AVE.  
ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 06/15/92  
CHEMTREC EMER NO: 1-800-424-9300  
INFORMATION PHONE: 1-314-961-3500

\*\*\*\*\*

PRODUCT: KG 0049

\*\*\*\*\*

SARA TITLE III, SECTION 311: HAZARDOUS MATERIALS (CONT)

Acute (immediate) health hazard  
Fire hazard

SARA TITLE III, SECTION 312 INVENTORY REPORTING INFORMATION

This Petrolite product has the following physical characteristics for any required reporting on the federal Tier Two form or its equivalent:

MIXTURE  
LIQUID

\*\*\*\*\*

SARA TITLE III, SECTION 313

This Petrolite product contains the following materials which have been listed as a toxic chemical or chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL	CAS NUMBER	WEIGHT PERCENT
Cumene *	98-82-8	2.8 %
1,2,4-Trimethylbenzene *	95-63-6	1.1 %
Methanol	67-56-1	27.0 %
* solvent component		

\*\*\*\*\*

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**MATERIAL SAFETY DATA SHEET**

Product Name:

**ANTIFREEZE**PHILLIPS PETROLEUM COMPANY  
Bartlesville, Oklahoma 74004

Emergency Phone Nos.

918-661-3865 (during business)

918-661-8118 (after hours)



USA AND CANADA



WORLDWIDE

OTHER COUNTRIES

**PRODUCT IDENTIFICATION**

Synonyms: NE

Chemical Name: Ethylene Glycol

Chemical Family: Glycol

Chemical Formula:  $C_2H_6O_2$ 

CAS Reg. No: 107-21-1

Product No: NE

Product and/or Components Entered on EPA's TSCA Inventory: Yes  No **HAZARDOUS COMPONENTS**

<u>Ingredients</u>	<u>CAS Number</u>	<u>% By Wt.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethylene Glycol and Other Glycols	107-21-1	98-90	NE	50*
Inhibitors and Dye	Various	10-12	NE	NE

\* Ceiling Limit

## PERSONAL PROTECTION INFORMATION

**Ventilation:** Use adequate ventilation to control below recommended exposure levels.

**Respiratory Protection:** For concentrations exceeding the recommended exposure level, use NIOSH/MSHA approved air purifying respirator. In case of spill or leak resulting in unknown concentration, use NIOSH/MSHA approved supplied air respirator. If conditions immediately dangerous to life or health (IDLH) exist, use NIOSH/MSHA approved self-contained breathing apparatus (SCBA) equipment.

**Eye Protection:** Use chemical goggles. For splash protection, use face shield with chemical goggles.

**Skin Protection:** Use gloves impervious to the material being used. Use full-body, long sleeved garments impervious to the material.

**Note:** Personal protection information shown above is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

## HANDLING AND STORAGE PRECAUTIONS

Avoid inhalation and skin and eye contact. Wash hands after handling. Wear protective equipment and/or garments described above if exposure conditions warrant. Launder contaminated clothing before reuse. Store in a cool, well-ventilated area. Protect from sources of ignition.

## REACTIVITY DATA

**Stability:** Stable  Unstable  Conditions to Avoid

**Incompatibility (Materials to Avoid):** Oxygen and strong oxidizing agents.

**Hazardous Polymerization:** Will not Occur  May Occur  Conditions to Avoid

**Hazardous Decomposition Products:** Carbon oxides and various hydrocarbons formed when burned.

# MATERIAL SAFETY DATA SHEET

Page 3 of 6

## HEALTH HAZARD DATA

RECOMMENDED EXPOSURE LIMITS: ACGIH TLV 50 ppm (ceiling)

### ACUTE EFFECTS OF OVEREXPOSURE:

**EYE:** May cause moderate irritation. Repeated vapor exposure causes severe eye irritation.

**SKIN:** May cause moderate irritation. Can be absorbed through skin in dangerous amounts.

**INHALATION:** Causes nausea, vomiting, increased heart rate, drop in blood pressure, depressed reflexes, seizures, convulsions, changes in the eyes, coma. May be aspirated into lungs if swallowed.

**INGESTION:** Causes eye changes such as optic atrophy and nystagmus. May cause cyanosis.

### SUBCHRONIC AND CHRONIC EFFECTS OF OVEREXPOSURE:

Causes central nervous system depression.

**OTHER HEALTH EFFECTS:** No known applicable information.

### HEALTH HAZARD CATEGORIES: (For Epichlorohydrin)

	Animal	Human		Animal	Human
Known Carcinogen	<input type="checkbox"/>	<input type="checkbox"/>	Toxic	<input type="checkbox"/>	<input type="checkbox"/>
Suspect Carcinogen	<input type="checkbox"/>	<input type="checkbox"/>	Corrosive	<input type="checkbox"/>	<input type="checkbox"/>
Mutagen	<input type="checkbox"/>	<input type="checkbox"/>	Irritant	<input type="checkbox"/>	<input type="checkbox"/>
Teratogen	<input type="checkbox"/>	<input type="checkbox"/>	Target Organ Toxin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Allergic Sensitizer	<input type="checkbox"/>	<input type="checkbox"/>	Specify <u>Causes kidney damage at</u>		
Highly Toxic	<input type="checkbox"/>	<input type="checkbox"/>	<u>eye</u> <u>damage.</u>		

### FIRST AID AND EMERGENCY PROCEDURES:

**EYE:** Flush eyes with running water for at least 15 minutes. If irritation develops, seek medical attention.

**SKIN:** Wash with soap and water. If irritation develops, seek medical attention.

**INHALATION:** Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

**INGESTION:** Do not induce vomiting. Seek immediate medical assistance. A physician, at his discretion, perform gastric lavage using a cuffed endotracheal tube.

## PHYSICAL DATA

Appearance: Liquid

Odor: Mild

Boiling Point: 330 (166°C)

Vapor Pressure: NE

Vapor Density (Air = 1): > 1

Solubility in Water: Complete

Specific Gravity (H<sub>2</sub>O = 1): 1.11 - 1.14 at 60/60°F

Percent Volatile by Volume: 100

Evaporation Rate ( Butyl Acetate = 1): < 1

Viscosity: NE

## FIRE and EXPLOSION DATA

Flash Point (Method Used): 250°F (121°C) (COC, ASTM D92)

Flammable Limits (% By Volume in Air): LEL 3.2 UEL NE (For Ethylene Glycol)

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO<sub>2</sub>).

Special Fire Fighting Procedures: Evacuate area of all unnecessary personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described on Page 2 if conditions warrant. Water fog or spray may be used to cool exposed equipment and containers.

Fire and Explosion Hazards: Carbon oxides and various hydrocarbons formed when burned.

## SPILL, LEAK and DISPOSAL PROCEDURES

Precautions Required if Material is Released or Spilled: Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described on Page 2 if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, sawdust, etc.). Transfer to disposal containers.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate or otherwise manage in a permitted waste management facility.

# MATERIAL SAFETY DATA SHEET

Page 5 of 6

## DOT TRANSPORTATION

Shipping Name: NA  
Hazard Class: NA  
ID Number: NA  
Marking: NA  
Label: NA  
Placard: NA  
Hazardous Substance/RQ: NA  
Shipping Description: NA  
Packaging References: NA

## RCRA CLASSIFICATION (FOR UNADULTERATED PRODUCT AS A WASTE)

NA

## PROTECTIVE MEASURES DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT

Wear protective equipment and/or garments described on Page 2 if exposure conditions warrant. Use NIOSH/MSHA approved respiratory protection, such as air-supplied mask, in confined spaces or other poorly ventilated areas. See Page 2 for protective clothing requirements. Contact immediate supervisor for specific instructions before work is initiated.

## HAZARD CLASSIFICATION

THIS PRODUCT MEETS THE FOLLOWING HAZARD DEFINITION(S) AS DEFINED BY OCCUPATIONAL SAFETY AND HEALTH REGULATIONS (29 CFR PART 1910.1200):

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Not Hazardous      | <input type="checkbox"/> Flammable Solid                       | <input type="checkbox"/> Oxidizer       |
| <input type="checkbox"/> Combustible Liquid | <input type="checkbox"/> Flammable Aerosol                     | <input type="checkbox"/> Pyrophoric     |
| <input type="checkbox"/> Compressed Gas     | <input type="checkbox"/> Explosive                             | <input type="checkbox"/> Unstable       |
| <input type="checkbox"/> Flammable Gas      | <input checked="" type="checkbox"/> Health Hazard (See Page 3) | <input type="checkbox"/> Water Reactive |
| <input type="checkbox"/> Flammable Liquid   | <input type="checkbox"/> Organic Peroxide                      |   |

## ADDITIONAL COMMENTS

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