

GW - 128

GENERAL CORRESPONDENCE

YEAR(S):

2003-1992

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.

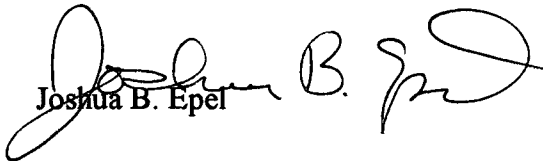
Even if the Division disagrees with our assessment of the limitations on its authority, DEFS contends that no discharge plan is required under the WQCC regulations. Under the WQCC regulations, 20.6.2.3104 and 3106.B NMAC only requires a discharge plan if a person intends to discharge a water contaminant 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 17th 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

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.

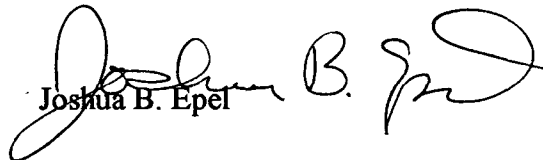
Even if the Division disagrees with our assessment of the limitations on its authority, DEFS contends that no discharge plan is required under the WQCC regulations. Under the WQCC regulations, 20.6.2.3104 and 3106.B NMAC only requires a discharge plan if a person intends to discharge a water contaminant 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 17th 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 17th 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 Pddy, ss.

Dawn Higgins
being first duly sworn, on oath says:

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

December 20, 2002

2002

2002

2002

2002

2002

That the cost of publication is \$ 79.92
and that payment thereof has been made and will be
assessed by court costs.

Dawn Higgins

Subscribed and sworn to before me this

31 day of December, 2002
Stephen D. Dizon

My commission expires 12/13/05
Notary Public

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.

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

Joel 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 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.

Duke Energy Field Services, LP, 370 17th 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 serán manejados. Cualquier persona interesada puede obtener información adicional, someter comentarios, y la petición 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 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)

OFFICIAL USE

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

Postmark
Here

Sent To *Kimura*
Street, Apt. No.,
or PO Box No. *Duke*
City, State, ZIP+4 *GW-128*

PS Form 3800, January 2001 See Reverse for Instructions

7001 1940 0004 3929 9338

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 San Juan Mesa C.S. GW-128

Submitted by: [Signature] Date: 11/27/02

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: David L. House]

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	
TOTAL PAID			\$100.00

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 are to 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/oed/).

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 <i>FORD</i> <i>oed</i> (Domestic Mail Only: No Insurance Coverage Provided)	
OFFICIAL USE	
Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	
Postmark Here	
SENT TO <i>K. Char</i>	
Street, Apt. No.; or PO Box No. <i>87505 DUK</i>	
City, State, ZIP+ 4 <i>GW-128</i>	
PS Form 3800, January 2001 See Reverse for Instructions	

7001 140 000 494 3929 9031

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

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,

Eddie Lewis

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

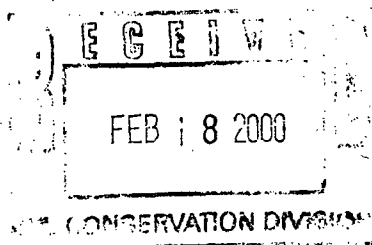


GPM GAS CORPORATION

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	[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

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

AGENT

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 Hart Mesa C.S. GW-128

(Facility Name)

(DP No.)

Submitted by: _____ Date: _____

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

Received in ASD by: _____ Date: _____

Filing Fee X 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	[REDACTED]	\$50.00

Fifty and 00/100 DOLLARS

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

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

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

AGENT

353

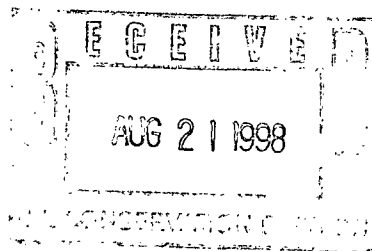


GPM GAS CORPORATION

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

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

VOID IF IN EXCESS OF \$1,000.00

GPM GAS CORPORATION D-51

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

AGENT
JS3

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

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

AGENT
JS3



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

7 357 869 996

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

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~~ ~~XXXXXX~~

.....X(08)X(X6)X(E)

~~CONFIDENTIAL~~ was published in a regular and
entire issue of THE LOVINGTON DAILY LEADER and
not in any supplement thereof, ~~XXXXXX XXXXX WEEK XXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~ for one (1) day

~~CONFIDENTIAL~~ beginning with the issue of
June 25 19 98

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.

Heidi Schilling
Notary Public, Lea County, New Mexico

My Commission Expires June 22, 19 2002

(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, 1
998.

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

RECEIVED

JUL - 2 1998

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

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 or 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 off-site 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.

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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. P. P. P. 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/

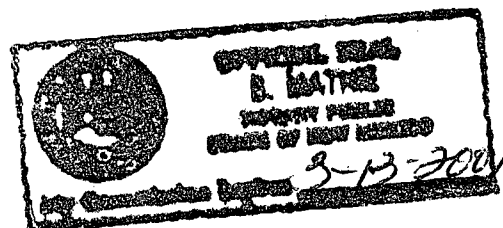
Betsy P. P.
LEGAL ADVERTISEMENT REPRESENTATIVE

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

Notary

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

Sent to	Lovington Daily Leader
Post Office, State, ZIP Code	P.O. Box 1717 Lovington, NM 88260
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

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


for 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	
City, State, ZIP Code 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 1995



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

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).*
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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, 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



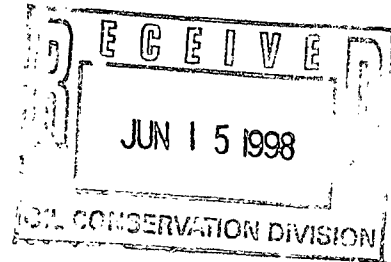
GPM GAS CORPORATION

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 after noon, 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 follow 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.)

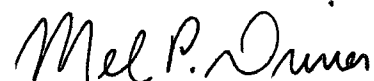
Response: GPM proposes to retro-fit the chemical saddle tanks with a impermeable drip collection system.

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

FAXDate: 6/12/98Number of pages including cover sheet: 3**To:**W. Jack FordOil Conservation Division2040 S. Pacheco StreetSanta Fe, NM 87505Phone: 505-827-7156Fax phone: 505-827-8177CC:**From:**Mel P. Driver4044 PenbrookOdessa, TX 79762email: mpdrive@ppco.comPhone: 915-368-1142Fax 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.

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

- 1) Isolate the tank.
- 2) Install a 6' riser pipe on top of the tank.
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- 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.

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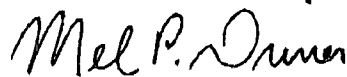
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Response: GPM will investigate the slop oil tank and surrounding areas and will report our findings to the OCD at our scheduled July 8, 1998 9:00 AM meeting in Santa Fe.

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 Ht.
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,

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:

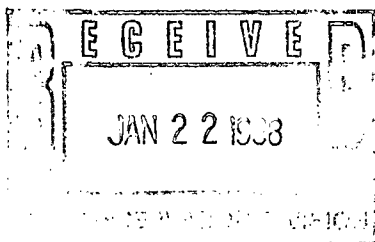
Pursuant to Title 20 New Mexico Administrative Code (NMAC) 6.2, Subpart III, Section 3106, Application for Discharge Plan Approvals and Renewals, GPM Gas Services Company (GPM) is herewith submitting the required flat fee along with the signed discharge plan Requirements Acceptance Agreement for Hat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

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,



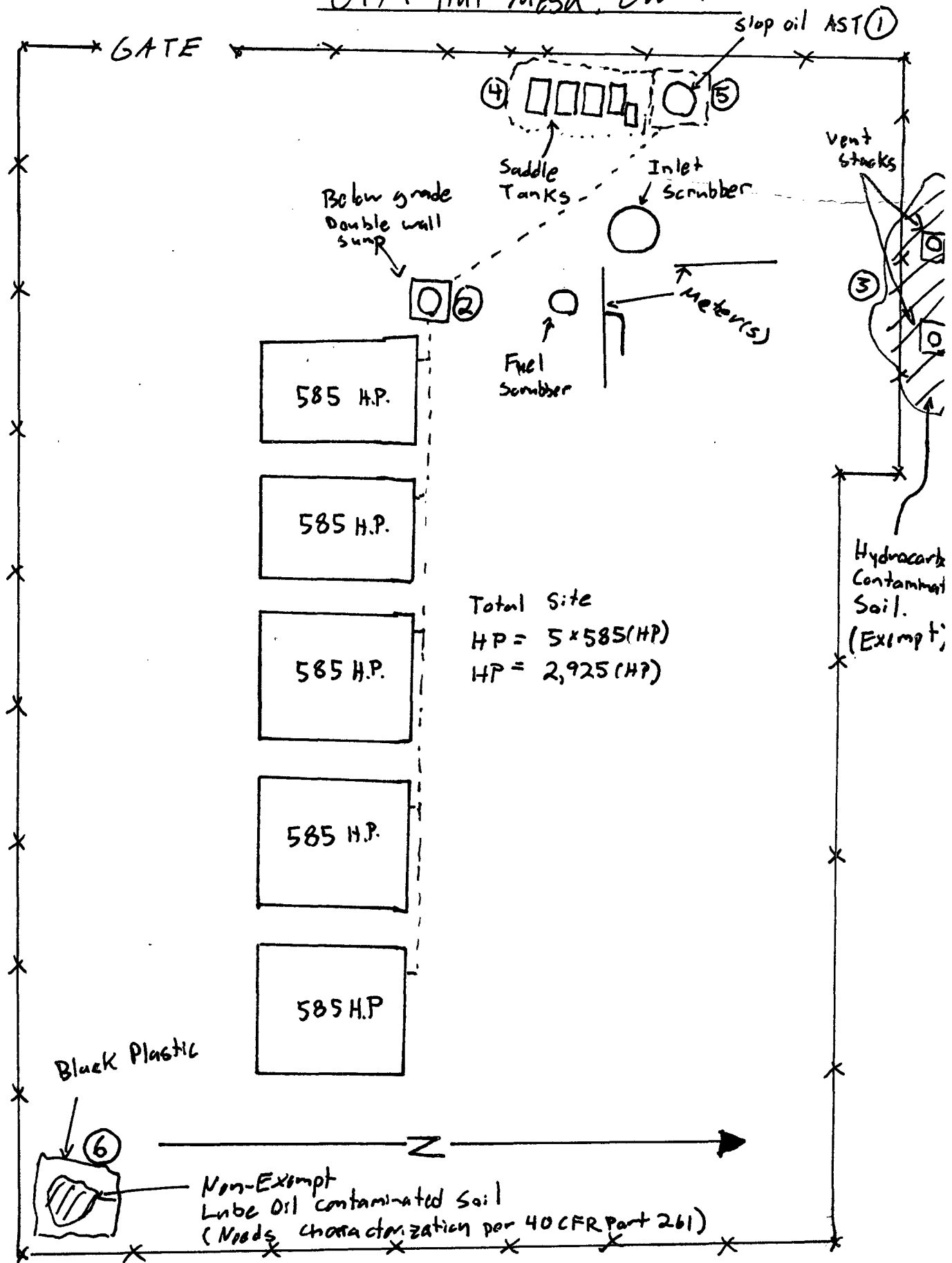
Patricio W. Sanchez
Petroleum Engineering Specialist
Environmental Bureau - OCD

(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

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	GPM - Seeby
Street & Number	GW-128 + US REPORT
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	

GPM Hat Mesa, GW-128



Drawn by PWS (not to scale) 4/7/97

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/oed/)

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 12/8/92,

or cash received on 12/29/92 in the amount of \$ 690.

from GPM Gas Corporation

for Hat Mesa Compressor Station GW-128

(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 X Renewal _____

Modification _____ Other _____

(specify)

Organization Code 521.07 Applicable FY 93

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment _____

WESTSTAR BANK, n.a.
BARTLESVILLE, OKLAHOMA

GPM GAS CORPORATION
BARTLESVILLE, OKLAHOMA 74004

86-82/1031

DATE

CHECK NO.

AMOUNT

0000091187

12/08/92

\$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

403 L. P. EMBROOK
ODESSA, TEXAS 79762

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 Hat 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 X 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
4455 LBJ Freeway
Farmers Branch, TX 75244

\$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:

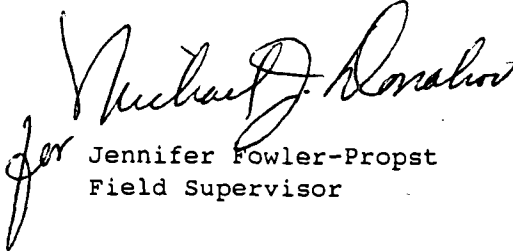
1. The well should be cased and cemented to prevent the movement of fluids.
2. A monitoring program should be implemented to assess fluid movement from the well or injection zone into or between underground sources of water.
3. Pressure buildup in the injection zone should be monitored annually.
4. The 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.

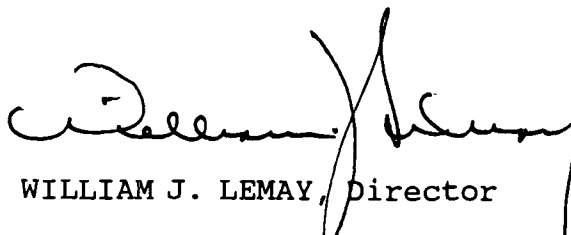
(GW-130) - Bloomfield Refining Company, David Roderick, Refinery Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted a discharge plan application to construct and operate a Class I (non-hazardous) disposal well located in the NW/4 SW/4, Section 26, Township 29 North, Range 11 West, NMPM, 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 quali-
fied 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.

Danny 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 CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control
Commission Regulations, the following discharge plan applications have been sub-
mitted to the Director of the Oil Conservation Division, State Land Office Building,
P.O. Box 2088, Santa Fe, New Mexico 875042088, 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. Bernart, Safety and
Environmental Supervisor, 4044 Penbrook, P.O. Box 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
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ruling on any proposed discharge plan or its modification, the Director of the Oil
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of this notice during which comments may be submitted to him and public hearing
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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 pub-
lic 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 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.

CLA-22-A (R-1292)

ACCOUNT NUMBER.....C81873.....

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 oilwater 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 800 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, Dona Ana 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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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

published in a regular and entire issue of the said Artesia

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

th Publication

scribed and sworn to before me this 23rd day

October 19 92

Notary Public, Eddy County, New Mexico

commission expires September 23, 1996

LEGAL NOTICE

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

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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.

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STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
s-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.

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: H₂O --50%
CO₂ --.2%
C₁ --.3%
C₂ --.5%
C₃ -- 3%
C₄ -- 9%
C₅ -- 7%
C₆+--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.

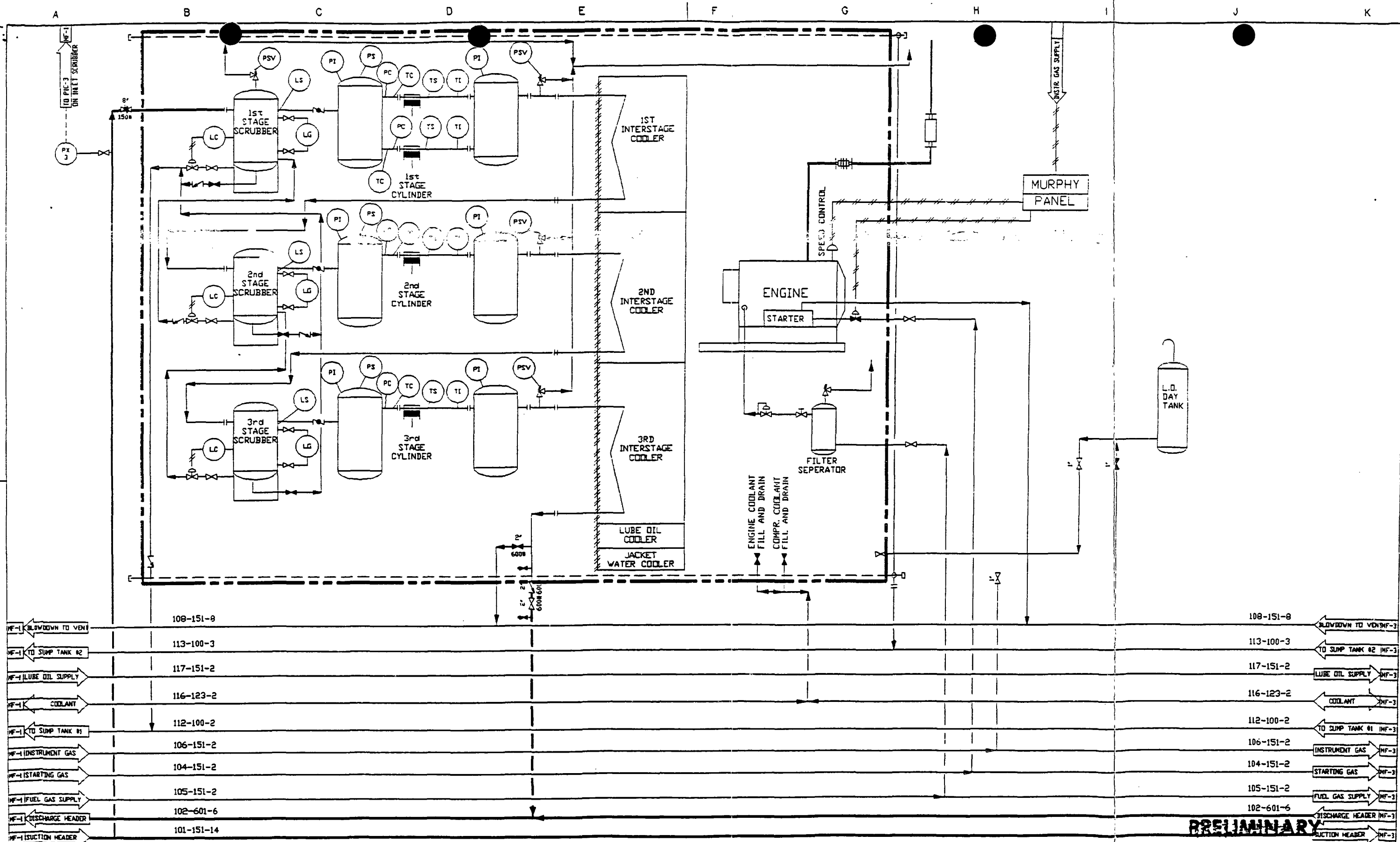
IV. Spill/Leak Prevention and Housekeeping Procedure

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.



NO.	REVISION	BY	DATE	APP'D	FOR BIDS	FOR APPR	FOR CONST	DRAWN	CHECKED	DATE	FILE CODE
0											

<p>PRELIMINARY NOT FOR CONSTRUCTION</p> <p>GPM Gas Corporation FORMERLY PHILLIPS NATURAL GAS COMPANY</p> <p>MECHANICAL FLOW SHEET 585 H.P. ENGINE DRIVEN COMPRESSOR #1 HAT-MESA BOOSTER STATION NEW MEXICO REGION</p>										<p>FILE CODE</p> <p>APP NO. GED-1029</p> <p>SCALE NONE</p> <p>DATE 12/18/90</p> <p>APP'D</p>
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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.

Appendix A

Date October, 1985

MATERIAL SAFETY DATA SHEET

Page 1 of 6

Product Name:

HDG MOTOR OILS (All Grades)

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: 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

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

*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.

MATERIAL SAFETY DATA SHEET

Page 3 of 6

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/m³ 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: Remove contact lenses, if worn, and 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.

MATERIAL SAFETY DATA SHEET

Page 4 of 6

of 6

PHYSICAL DATA

Appearance: Light amber liquid

Odor: Mild

Boiling Point: $>700^{\circ}\text{F}$ ($>371^{\circ}\text{C}$)

Vapor Pressure: <0.01 mm Hg at 20°C

Vapor Density (Air = 1): 15 +

Solubility in Water: Negligible

Specific Gravity ($\text{H}_2\text{O} = 1$): 0.89 at $60/60^{\circ}\text{F}$

Percent Volatile by Volume: Negligible

Evaporation Rate (_____ = 1): Negligible

Viscosity: NE

FIRE and EXPLOSION DATA

Flash Point (Method Used): $>420^{\circ}\text{F}$ ($>216^{\circ}\text{C}$) (COC, ASTM D 92)

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

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO_2).

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.

MATERIAL SAFETY DATA SHEET

Page 5 of 6

F 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"/> Corrosive |
| <input type="checkbox"/> Flammable Liquid | <input type="checkbox"/> Organic Peroxide | |

MATERIAL SAFETY DATA SHEET

Page 6 of 6

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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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 METHANOL		Telephone Numbers EMERGENCY 800/424-9300 CHEMTREC 215/353-8300 ARCO CHEM CUSTOMER SERVICE 800/321-7000 INFO ONLY	
Other Names METHYL ALCOHOL, WOOD ALCOHOL			
Chemical Family ALIPHATIC ALCOHOL		DOT Hazardous Materials Proper Shipping Name METHYL ALCOHOL	
Generic Name N/P		DOT Hazard Class FLAMMABLE LIQUID	
CAS No. SEE SECTION IX	Company ID No. E000142300	UN/NA ID No. UN 1230	
II. DANGER Summary of Hazards SEE SUPPLEMENT BEGINNING ON PAGE 7			
PHYSICAL HAZARDS:		EXTREMELY FLAMMABLE-MAY BURN WITH INVISIBLE FLAME	
ACUTE HEALTH EFFECTS: (SHORT-TERM)		MODERATE INHALATION HAZARD MODERATE EYE IRRITANT MODERATE SKIN ABSORPTION HAZARD MODERATE INGESTION HAZARD. SEE SUPPLEMENT SLIGHT SKIN IRRITANT	
CHRONIC HEALTH EFFECTS: (LONG-TERM)		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	
III. Fire and Explosion			
Flash Point (Method) AP 50° F (CC)		Autoignition Temperature (Method) AP 725° F	
Flammable Limits (% Vol. in Air) At Normal Atmospheric Temperature and Pressure Lower AP 6 Upper AP 36			
Fire and Explosion Hazards RELEASES FLAMMABLE VAPORS BELOW NORMAL AMBIENT TEMPERATURES. WHEN MIXED WITH AIR AND EXPOSED TO A FIRE SOURCE, CAN BURN. MIXTURES WITH WATER AND AS LITTLE AS 21% (BY VOLT) METHANOL ARE STILL FLAMMABLE (FLASH PT. <100 F). UNDER SOME CIRCUMSTANCES, MAY CORRODE CERTAIN METALS, INCLUDING ALUMINUM AND ZINC, AND GENERATE HYDROGEN GAS.			
Extinguishing Media DRY CHEMICAL WATERSPRAY CO2 WATER FOG FOAM FOR ALCOHOLS			
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 HazardsSEE 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**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	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.
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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 F005; 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

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

Compositions given are typical values, not specifications.

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 ₂ O = 1 at 39.2° F) AP 0.79	Vapor Sp. Gr. (Air = 1.0 at 60° - 90° F) AP 1.1	Solubility in Water COMPLETE
Hazardous Polymerization NOT EXPECTED TO OCCUR	Other Chemical Reactivity N/P	pH N/AP
		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.

ISOLATE, VENT, DRAIN, WASH AND PURGE SYSTEMS OR EQUIPMENT BEFORE MAINTEN-
ANCE 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

General Comments

- - - Note - - - Qualifications: EQ = Equal AP = Approximately N/P = No Applicable Information Found
LT = Less Than UK = Unknown N/AP = Not Applicable
GT = Greater Than TR = Trace 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
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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
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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.



METHANOL

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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): 57-55, 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 OSW 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 1

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

REVISION DATE: 10/22/91
EMERGENCY PHONE: 1-314-961-3500
CHEMTREC EMER NO: 1-800-424-9300

SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: KG 0049

TRADE NAME: KONTOL

LABEL: 004

000

000

(IF HAZARDOUS PER D.O.T. CFR TITLE 49)

SHIPPING NAME: Flammable Liquid, N.O.S.

HAZARD CLASS: Flammable Liquid

ID#: UN1993

CHEMICAL DESCRIPTION

A THIOALKYL SUBSTITUTED NITROGEN HETEROCYCLE IN AROMATIC
HYDROCARBONS AND ALCOHOLS.

SECTION 2 HAZARDOUS INGREDIENTS

CAS NUMBER	MATERIAL	%	EXPOSURE LIMITS
64742-94-5	Heavy aromatic naphtha	30-60	RECOMMENDED: 25 ppm
00067-56-1	Methanol	10-30	ACGIH TLV: 200ppm TWA OSHA PEL: 200ppm TWA ACGIH STEL: 250 ppm
**	Thioalkyl-substituted nitrogen heterocycle	5-10	Not Established
68526-86-3	Tridecanol	5-10	Not Established

**Specific chemical identity is being withheld for
confidential business purposes.

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1.0@60 F): 0.852
VAPOR PRESSURE: Not Established

VOLATILITY: Extreme
SOL. IN WATER: Dispersible

MISC. DATA: Boiling Point: 150F

Color: Clear liquid. Alcc

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 53 F

FLAMMABLE LIMITS: Not Established

CONTINUED ON PAGE: 2

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: >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

PAGE 4

***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.

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ENVIRONMENTAL DATA SHEET

PAGE 1

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
FLAMMABILITY (RED) = 3
REACTIVITY (YELLOW) = 0
SPECIAL HAZARDS = COR

0 = LEAST
1 = SLIGHT
2 = MODERATE
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

PAGE 2

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

REVISION DATE: 06/15/92
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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

PAGE 3

PETROLITE CORPORATION
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ST. LOUIS MO 63119 U.S.A.

REVISION DATE: 06/15/92
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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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Date October, 1985

MATERIAL SAFETY DATA SHEET

Page 1 of 6

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

MATERIAL SAFETY DATA SHEET

Page 2 of 6

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 and</u>		
Highly Toxic	<input type="checkbox"/>	<input type="checkbox"/>	<u>eye 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 may, at his discretion, perform gastric lavage using a cuffed endotracheal tube.

MATERIAL SAFETY DATA SHEET

Page 4 of 6

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 (H₂O = 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 (CO₂).

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 | |

MATERIAL SAFETY DATA SHEET

Page 6 of 6

ADDITIONAL COMMENTS

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