GW - 148

GENERAL CORRESPONDENCE

YEAR(S):
2006 - 1993

TEPPCO

P.O. Box 2521
Houston, Texas 77252-2521
Office 713/759-3636
Facsimile 713/759-3783

April 28, 2006

SENT VIA FEDERAL EXPRESS
NEXT DAY DELIVERY

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

Re: TEPPCO NGL Pipelines, LLC
TEPPCO Val Verde System Discharge Permit Renewals
San Juan and Rio Arriba County, New Mexico

Dear Mr. Price:

TEPPCO NGL Pipelines, LLC ("TEPPCO") is submitting the enclosed signed groundwater discharge plans for 9 of its Val Verde Gas Gathering system compressor stations and 1 gas plant located in San Juan and Rio Arriba Counties, New Mexico. Enclosed with the discharge plan renewal is TEPPCO Check No. **0200001128** (Attachment 3) in the amount of **$19,300.00** for the permit fees. Please refer to the attached facility schedule (Attachment 2) which outlines the submittal dates and payments made for the filing fees and permit fees. Please note the application filing fees for each facility were previously paid with the submittal of the groundwater discharge plan renewal applications.

TEPPCO does not request any major changes to the permit documents as prepared by the New Mexico OCD; however, the dates referenced for the submittal of the discharge plan renewals are not correct for each facility. Each permit states that the renewal applications were submitted on October 31, 2005; however, the 10 renewals were submitted on a staggered schedule ranging from October 11, 2005 to October 31, 2005. Please refer to the attached facility schedule for the appropriate renewal submittal dates.

Notwithstanding the submittal of the enclosed permit fees and documents, TEPPCO does not waive its right to question or dispute the need and/or requirement for this permit at the referenced facilities or other Val Verde facilities.

If you have any questions or require additional information, please contact Peter Cain at (713) 284-5213 or myself at (713) 759-3553.

Sincerely,

Deodat P. Bhagwandin
Manager, Environmental Protection

Val Verde Gas Gathering System Permit Renewal Costs and Schedule

Priority	Station Name	Permit #	Expiration Date	Submittal Date	Application Fee	Permit Fees
1	Hart Canyon	GW-058	10/11/05	10/11/2005	$ 100.00	$1,700.00
2	Manzanares	GW-059	10/11/05	10/11/2005	$ 100.00	$1,700.00
3	Pump Canyon	GW-057	10/11/05	10/11/2005	$ 100.00	$1,700.00
4	Val Verde Treater	GW-051	9/27/05	10/27/2005	$ 100.00	$4,000.00
5	Arch Rock	GW-183	2/21/05	10/19/2005	$ 100.00	$1,700.00
6	Sandstone	GW-193	6/2/05	10/19/2005	$ 100.00	$1,700.00
7	Frances Mesa	GW-194	6/9/05	10/19/2005	$ 100.00	$1,700.00
8	Pump Mesa	GW-148	4/9/03	10/28/2005	$ 100.00	$1,700.00
9	Gobernador	GW-056		10/31/2005	$ 100.00	$1,700.00
10	Sims Mesa	GW-146	4/3/03	10/28/2005	$ 100.00	$1,700.00

Grand Total: **$1,000.00** (paid) **$19,300.00** (paid April 28, 2006)

Chavez, Carl J, EMNRD

From: plcain@teppco.com
Sent: Friday, April 28, 2006 2:37 PM
To: Price, Wayne, EMNRD
Cc: Chavez, Carl J, EMNRD; DPBhagwandin@TEPPCO.COM
Subject: TEPPCO Val Verde Discharge Permits

Mr. Price,

I wanted to let you know that we have signed and completed the discharge permits that you submitted to us at the beginning of April. We have sent them back to you via Federal Express Next Day. You should receive them by Monday. Also included is a check for the permit fees for all 10 facilities and a spreadsheet outlining all 10 facilities and the permit fees due. Please let me know if you do not receive the package.

While we really don't have any comments regarding the permits, I wanted to note that each discharge permit stated that the renewals were submitted on October 31, 2005, while in fact, they were submitted on a staggered schedule beginning October 11, 2005 until October 31, 2005. You may want to make note of that and perhaps change this language for each particular facility. Again, the spreadsheet outlines the dates in which we submitted the renewal applications.

Thanks for your assistance in this matter and please let us know if you have any questions. We enjoyed meeting you back in February and look forward to working with you more in the future.

Regards,

Peter L. Cain
TEPPCO, L.P.
EH&S/ Environmental Protection Group
(713) 284-5213 (phone)
(713) 759-3931 (fax)

	Description	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
	CY Reimbursement Project _____ Tax ___	064	01						1
1	Gross Receipt Tax	064	01		2329	900000	2329134		2
6	Air Quality Title V	092	13	1300	1696	900000	4169134		3
3	PRP Prepayments	248	14	1400	9696	900000	4969014		4
4	Climax Chemical Co.	248	14	1400	9696	900000	4969016		5
2	Circle K Reimbursements	248	14	1400	9696	900000	4969248		6
8	Hazardous Waste Permits	339	27	2700	1696	900000	4169027		7
7	Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339		8
8	Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	19,300 00	10
0	Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029		11
1	Air Quality Permits	631	31	2500	1696	900000	4169031		12
2	Payments under Protest	651	33		2919	900000	2919033		13
3	Xerox Copies	652	34		2349	900000	2349001		*14
4	Ground Water Penalties	652	34		2349	900000	2349002		15
5	Witness Fees	652	34		2349	900000	2349003		16
6	Air Quality Penalties	652	34		2349	900000	2349004		17
7	OSHA Penalties	652	34		2349	900000	2349005		18
8	Prior Year Reimbursement	652	34		2349	900000	2349006		19
9	Surface Water Quality Certification	652	34		2349	900000	2349009		20
0	Jury Duty	652	34		2349	900000	2349012		21
1	CY Reimbursements (i.e. telephone)	652	34		2349	900000	2349014		22
2	UST Owner's List	783	24	2500	9696	900000	4969201		*23
3	Hazardous Waste Notifiers List	783	24	2500	9696	900000	4969202		*24
4	UST Maps	783	24	2500	9696	900000	4969203		*25
5	UST Owner's Update	783	24	2500	9696	900000	4969205		*26
6	Hazardous Waste Regulations	783	24	2500	9696	900000	4969207		*28
3	Radiologic Tech. Regulations	783	24	2500	9696	900000	4969208		*29
9	Superfund CERLIS List	783	24	2500	9696	900000	4969211		*30
0	Solid Waste Permit Fees	783	24	2500	9696	900000	4969213		31
1	Smoking School	783	24	2500	9696	900000	4969214		32
2	SWQB - NPS Publications	783	24	2500	9696	900000	4969222		*33
	Radiation Licensing Regulation	783	24	2500	9696	900000	4969228		*34
	Sale of Equipment	783	24	2500	9696	900000	4969301		*35
	Sale of Automobile	783	24	2500	9696	900000	4969302		*36
	Lust Recoveries	783	24	2500	9696	900000	4969614		**37
	Lust Repayments	783	24	2500	9696	900000	4969615		**38
	Surface Water Publication	783	24	2500	9696	900000	4969801		39
	Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4969242		40
	Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		41
	Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		42
	Ust Permit Fees	989	20	3100	1696	900000	4169020		44
	UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
	Food Permit Fees	991	26	2600	1696	900000	4169026		46
	Other								43

TOTAL 19,300 00

oss Receipt Tax Required * Site Name & Project Code Required

tact Person: Ed Martin Phone: 476-3492 Date: 5/3/06

eived in ASD By: _____ Date: _____ RT #: _____ ST # : _____

FSB025
Revised 07/07/00

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/28/06

or cash received on _____ in the amount of $ 1700 00

from Teppco NGL

for Manzanares Compressor Station GW-059

Submitted by: Lawrence Romero Date: 5/3/06

Submitted to ASD by: Lawrence Romero Date: 5/3/06

Received in ASD by: _____ Date: _____

Filing Fee _____ New Facility _____ Renewal ✓

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND, MICROPRINTING AND A VOID FEATURE PANTOGRAPH.

TEPPCO

TEPPCO GP, Inc.
P.O. Box 2521
Houston, TX 77252-2521
(713) 759-3800

Wells Fargo Bank Ohio, N.A.
115 Hospital Drive
Van Wert, OH 45891

[redacted]

April 28, 2006

56-382
412

9600112304

PAY TO THE ORDER OF NMED Water Quality Management Fund $ 19,300.00

nineteen thousand three hundred XX/100 DOLLARS

VOID AFTER 90 DAYS

IN SERVICE

_____

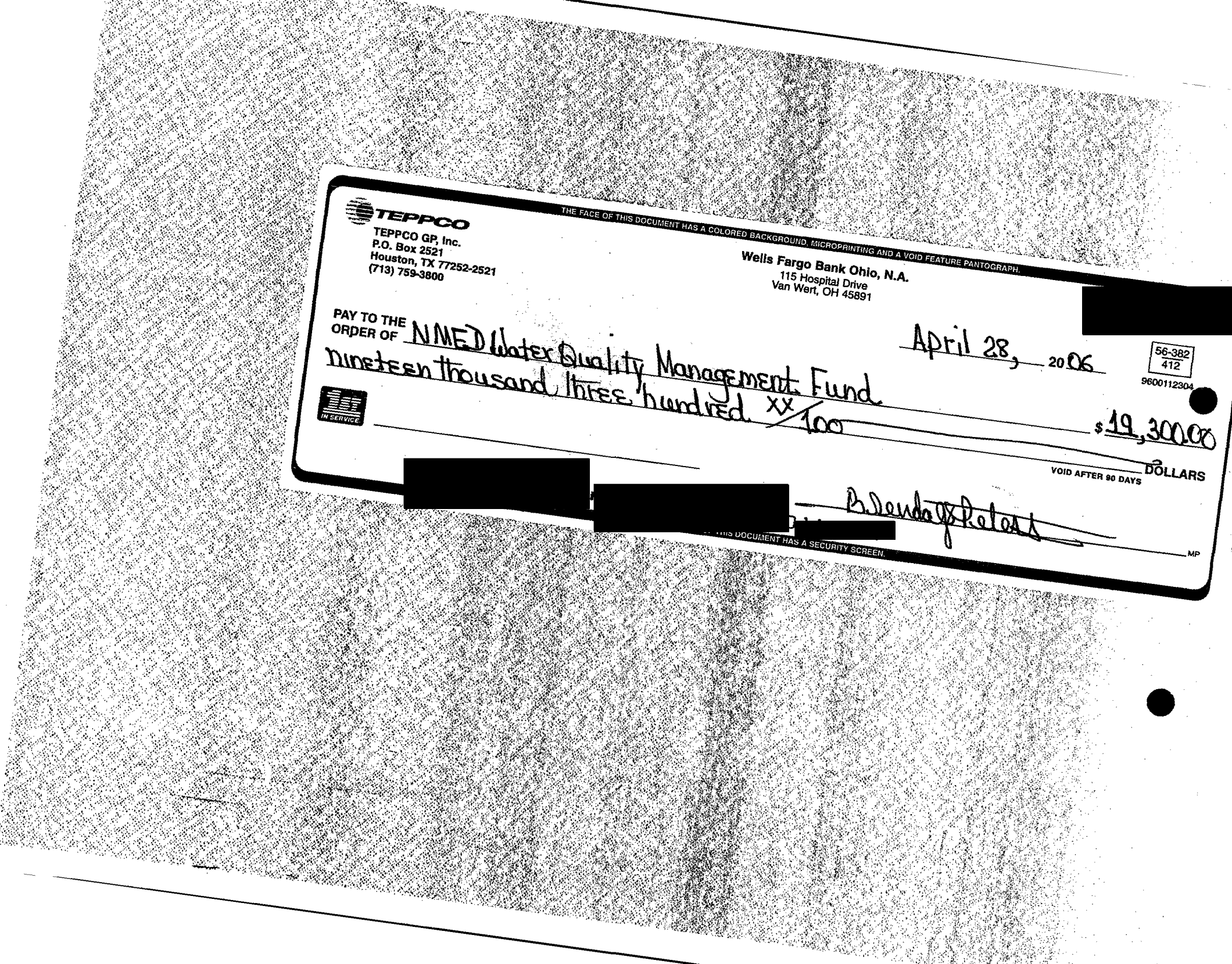
B Randall Peters MP

[redacted]

THE REVERSE SIDE OF THIS DOCUMENT HAS A SECURITY SCREEN.

TEPPCO PERMIT PAYMENT
April 28, 2006

File No	ID	Address	Permit Fee
GW-056	Gobernador Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-057	Pump Canyon Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-059	Manzanares Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-058	Hart Canyon Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-183	Arch Rock Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-194	Frances Mesa Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-193	Sandstone Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-146	Sims Mesa Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-148	Pump Mesa Compressor Station	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$1,700.00
GW-051	Val Verde Gas Plant	TEPPCO NGL Pipelines; 2929 Allen Parkway; Houston TX 77019	$ 4,000.00
Total			**$19,300.00**



TEPPCO

TEPPCO GP, Inc.
P.O. Box 2521
Houston, TX 77252-2521
(713) 759-3800

THE FACE OF THIS DOCUMENT HAS A COLORED BACKGROUND, MICROPRINTING AND A VOID FEATURE PANTOGRAPH.

Wells Fargo Bank Ohio, N.A.
115 Hospital Drive
Van Wert, OH 45891

[redacted]

56-382
412

9600112304

PAY TO THE ORDER OF NMED Water Quality Management Fund

April 28, 2006

nineteen thousand three hundred xx/100 $ 19,300.00

DOLLARS

VOID AFTER 90 DAYS

IN SERVICE

[redacted]

B. Lenda Peters

THIS DOCUMENT HAS A SECURITY SCREEN.

MP

NOTICE OF PUBLICATION

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

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

Ms L. Kristine Aparicio, Manager Environmental Protection, TEPPCO NGL Pipelines, LLC., 2929 Allen Parkway, 70019 P.O. Box 2521 Houston, Texas 77252-2521, telephone 713-759-3636, has submitted renewal applications for the previously approved discharge plans operated by Duke Energy Field Services for the following facilities:

Gobernador Compressor Station GW-056 located in NW/4 NW/4 of Section 31-Township 30N-Range 7W Ro Arriba County, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 80 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Pump Mesa Compressor Station GW-148 located in SE/4 of Section 14-Township 31N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 20 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Sims Mesa Compressor Station GW-146 located in NE/4 of Section 22-Township 30N-Range 7W Rio Arriba Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 14 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Pump Canyon Compressor Station GW-057 located in NW/4 SW/4 of Section 24-Township 30N-Range 9W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 40-120 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Manzanares Compressor Station GW-059 located in SW/4 SE/4 of Section 4-Township 29N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 211 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Hart Canyon Compressor Station GW-058 located in NW/4 SE/4 of Section 20-Township 31N-Range 10W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 130 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Val Verde Treater Gas Processing Plan t Station GW-051 located in SE/4 SE/4 of Section 11-Township 29N-Range 11W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 26-55 feet with an estimated total dissolved solids concentration matching that of the San Juan River and Citizens Ditch..

Arch Rock Compressor Station GW-183 located in NW/4 SW/4 of Section 14-Township 31 -Range 10W San juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 51 feet with an estimated total dissolved solids concentration of 1300 mg/l.

Frances Mesa Compressor Station GW-194 located in SW/4 SW/4 of Section 27-Township 30N-Range 7W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 240 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Sandstone Compressor Station GW-193 located in SE/4 SE/4 of Section 32-Township 31 N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 80 feet with an estimated total dissolved solids concentration of 1700 mg/l.

The discharge plans addresses how best management practices will be used to properly handle, store, and dispose of oilfield materials and waste. The plan will also have contingencies for preventing and managing releases of accidental discharges of water contaminants to the surface in order to protect fresh water.

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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit 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 November 2005.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

S E A L

Mark Fesmire,
Director

NEW MEXICAN
Founded 1849

RECEIVED
DEC 7 - 2005
OIL CONSERVATION DIVISION

EMNRD MINING & MINERALS
ATTN: Wayne Price
1220 S St. Francis Dr
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56660
AD NUMBER: 0014893 ACCOUNT: 00002190
LEGAL NO: 78092 P.O. #: 06-199-050125

477 LINES 1 TIME(S)	267.12
AFFIDAVIT:	0.00
TAX:	20.20
TOTAL:	287.32

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, R. Lara, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 78092 a copy of which is hereto attached was published in said newspaper 1 day(s) between 12/06/2005 and 12/06/2005 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 6th day of December, 2005 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

Approved

/S/ R. Lara
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 6th day of December, 2005

Notary Janet L. Montoya

Commission Expires: 12/30/07

OFFICIAL SEAL
Janet L. Montoya
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 12/30/07

NOTICE OF PUBLICATION

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

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Gobernador Compressor Station GW-056 located in NW/4 NW/4 of Section 31-Township 30N-Range 7W Ro Arriba County, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 80 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Pump Mesa Compressor Station GW-148 located in SE/4 of Section 14-Township 31N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 20 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Sims Mesa Compressor Station GW-146 located in NE/4 of Section 22-Township 30N-Range 7W Rio Arriba Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 14 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Pu[redacted]anyon Compress[redacted] Station GW-057 located in NW/4 SW/4 of Section 24-Township 30N-Range 9W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 40-120 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Manzanares Compressor Station GW-059 located in SW/4 SE/4 of Section 4-Township 29N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 211 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Hart Canyon Compressor Station GW-058 located in NW/4 SE/4 of Section 20-Township 31N-Range 10W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 130 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Val Verde Treater Gas Processing Plan t Station GW-051 located in SE/4 SE/4 of Section 11-Township 29N-Range 11W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 26-55 feet with an estimated total dissolved solids concentration matching that of the San Juan River and Citizens Ditch..

Arch Rock Compressor Station GW-183 located in NW/4 SW/4 of Section 14-Township 31 -Range 10W San juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 51 feet with an estimated total dissolved solids concentration of 1300 mg/l.

Frances Mesa Compressor Station GW-194 located in SW/4 SW/4 of Section 27-Township 30N-Range 7W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 240 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Sandstone Compressor Station GW-193 located in SE/4 SE/4 of Section 32-Township 31 N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 80 feet with an estimated total dissolved solids concentration of 1700 mg/l.

The discharge plans addresses how best management practices will be used to properly handle, store, and dispose of oilfield materials and waste. The plan will also have contingencies for preventing and managing releases of accidental discharges of water contaminants to the surface in order to protect fresh water.

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 permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

[redacted]no public hearing is held, the Director will approve or disapprove the proposed permit based on information available. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit 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 November 2005.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

S E A L

Mark Fesmire, Director

Legal #78092
Pub. December 6, 2005

Ad No. 5263

STATE OF NEW MEXICO
County of San Juan:

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

Sunday, December 04, 2005.

And the cost of the publication is $178.18.

Connie Pruitt

ON 12/6/05 CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.

Wynell Corey

My Commission Expires November 17, 2008.

COPY OF PUBLICATION

918 Legals

NOTICE OF PUBLICATION

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

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

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Pump Mesa Compressor Station GW-148 located in SE/4 of Section 14-Township 31N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 20 feet with an estimated total dissolved solids cancentration of 1700 mg/l.

Sims Mesa Compressor Station GW-146 located in NE/4 of Section 22-Township 30N-Range 7W Rio Arriba Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of greater than 14 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Pump Canyon Compressor Station GW-057 located in NW/4 SW/4 of Section 24-Township 30N-Range 9W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 40-120 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Manzanares Compressor Station GW-059 lacated in SW/4 SE/4 of Section 4-Township 29N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 211 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Hart Canyon Compressor Station GW-058 located in NW/4 SE/4 of Section 20-Township 31N-Range 10W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 130 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Val Verde Treater Gas Processing Plan t Station GW-051 located in SE/4 SE/4 of Section 11-Township 29N-Range 11W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 26-55 feet with an estimated total dissolved solids concentration matching that of the San Juan River and Citizens Ditch..

Arch Rock Compressor Station GW-183 located in NW/4 SW/4 of Section 14-Township 31 -Range 10W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 51 feet with an estimated total dissolved solids concentration of 1300 mg/l.

Frances Mesa Compressor Station GW-194 located in SW/4 SW/4 of Section 27-Township 30N-Range 7W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 240 feet with an estimated total dissolved solids concentration of 1700 mg/l.

Sandstone Compressor Statian GW-193 located in SE/4 SE/4 of Section 32-Township 31 N-Range 8W San Juan Country, New Mexico. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of 80 feet with an estimated total dissolved solids concentration of 1700 mg/l.

The discharge plans addresses how best management practices will be used to properly handle, store, and dispose of oilfield materials and waste. The plan will also have contingencies for preventing and managing releases of accidental discharges of water contaminants to the surface in order to protect fresh water.

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 abave. The discharge permit application and draft discharge permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. The draft discharge permit may also be viewed at OCD's web site http://www.emnrd.state.nm.us/ocd/. Prior to ruling on any proposed discharge permit or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted and a public hearing may be requested by any interested person. Requests for a public hearing shall set forth the reasons why o hearing should be held. A hearing will be held if the Director determines there is significont public interest.

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

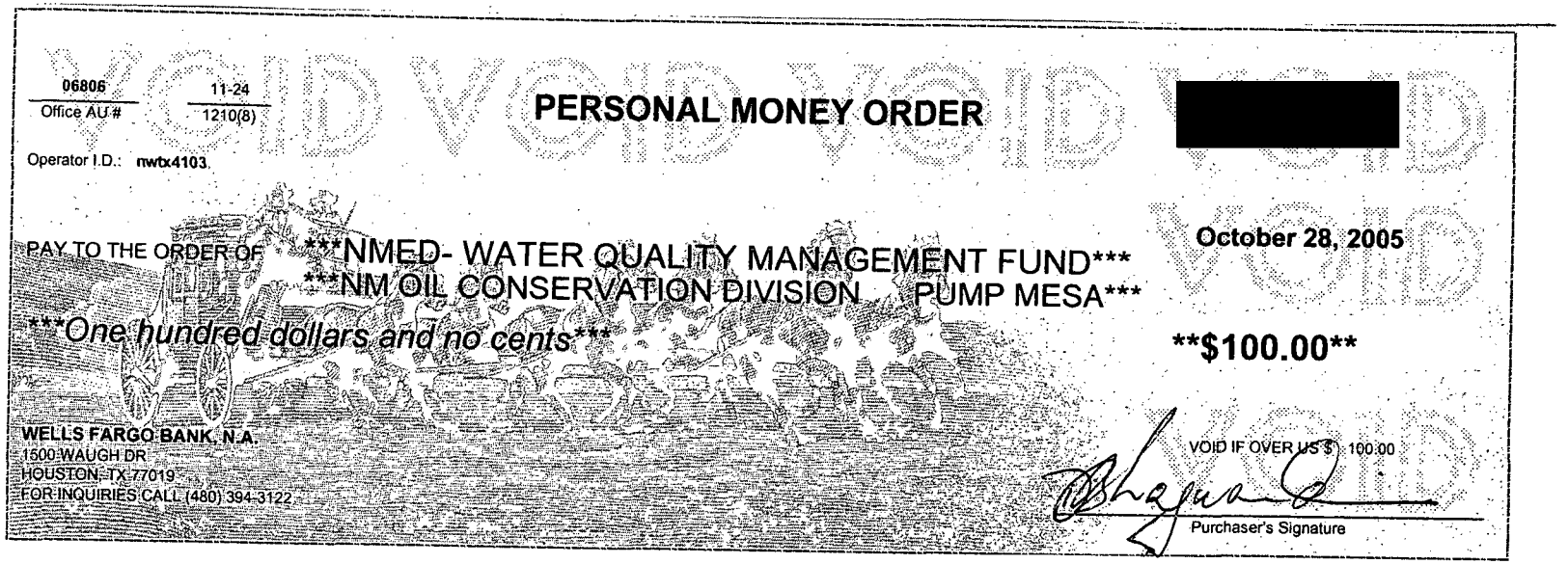
GIVEN under the Seal of New Mexico Oil Conservotion Commission at Santa Fe, New Mexico, on this 30th day of November 2005.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

Mark Fesmire, Director

Legal No. 52636 published in The Daily Times


06806
Office AU #
11-24
1210(8)
PERSONAL MONEY ORDER
[redacted]
Operator I.D.: nwtx4103
PAY TO THE ORDER OF ***NMED- WATER QUALITY MANAGEMENT FUND***
NM OIL CONSERVATION DIVISION - PUMP MESA
October 28, 2005
One hundred dollars and no cents
$100.00
WELLS FARGO BANK, N.A.
1500 WAUGH DR
HOUSTON, TX 77019
FOR INQUIRIES CALL (480) 394-3122
VOID IF OVER US $ 100.00
Purchaser's Signature

[redacted]

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 10/17/05

or cash received on _____ in the amount of $ 100.00

from TEPPCO

for ARCH ROCK COMP ST GW-183
(Facility Name) (DP No.)

Submitted by: WAYNE ARIES Date: 11/29/05

Submitted to ASD by: [signature] Date: 11/

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2005

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM.

TEPPCO

TEPPCO GP, Inc.
P O Box 2521
Houston, TX 77252-2521
(713) 759-3800

Wells Fargo Bank, N.A.
56-382
412

Date: 10/17/2005
Check #: [redacted]

Amount
$*******100.00
VOID AFTER 90 DAYS

PAY **One Hundred and 00/100-US Dollars **

PAY TO THE ORDER OF NEW MEXICO ENVIRNMENTAL DIVISION
WATER QUALITY MANAGEMENT FUND

GW-183

IN SERVICE

Jay O'Rust
Chief Financial Officer

[redacted]

THE ORIGINAL DOCUMENT HAS A REFLECTIVE WATERMARK ON THE BACK. HOLD AT AN ANGLE TO VIEW WHEN CHECKING THE ENDORSEMENT.

TEPPCO

Environmental, Health, Safety
and Regulatory Compliance

2929 Allen Parkway, 70019
P.O. Box 2521
Houston, Texas 77252-2521
Office 713/759-3636
Fax 713/759-3931

October 28, 2005

CERTIFIED MAIL NO.
7004 1350 0003 5414 6199
RETURN RECEIPT REQUESTED

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

Re: TEPPCO NGL Pipelines, LLC
TEPPCO Pump Mesa Compressor Station
San Juan County, New Mexico
Groundwater Discharge Plan (GW-148) Renewal Application

To Whom it May Concern:

TEPPCO NGL Pipelines, LLC ("TEPPCO") is submitting the enclosed Groundwater Discharge Plan Application (Attachment 1) for its Pump Mesa Compressor Station in San Juan County, New Mexico. Enclosed with the discharge plan renewal application is TEPPCO Money Order No. **0680623589** (Attachment 4) in the amount of **$100.00** for the application filing fee. The permit fee in the amount of $1,700 will be paid once the application is approved.

As mentioned in previous permit renewal applications submitted by the former operator, Duke Energy Field Services ("DEFS"), TEPPCO does not believe that a discharge plan is required for this facility under the Water Quality Control Commission ("WQCC") regulations because there are no discharges that may move directly or indirectly into groundwater from the TEPPCO Pump Mesa Compressor Station.

Notwithstanding the submittal of the enclosed permit fees and documents, TEPPCO does not waive its right to question or dispute the need and/or requirement for this permit at the referenced facility or other Val Verde facilities.

If you have any questions or require additional information, please contact Peter Cain at (713) 284-5213 or myself at (713) 759-3654.

Sincerely,

L. Kristine Aparicio
Manager, Environmental Protection

Duke Energy®
Field Services

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

303 595 3331

July 28, 2003

CERTIFIED MAIL
RETURN RECEIPT REQUESTED *(Article No. 7002 2030 0006 2471 1506)*

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

Subject: Pump Mesa Compressor Station
Discharge Plan GW-148
San Juan County, New Mexico

Dear Mr. Price:

As Duke Energy Field Services, LP (DEFS) has discussed previously with NMOCD, 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 Pump 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-146. 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 Pump Mesa Compressor Station, DEFS submits the following for Pump 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.

Duke Energy®
Field Services

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

Since the NMOCD will place this renewal application on hold pending the determination of NMOCD's legal counsel as to whether a discharge plan is required for compressor stations such as Pump Mesa Compressor Station, DEFS will wait for further instructions from NMOCD before fulfilling its public notice requirements for the Pump Mesa Compressor Station Discharge Plan renewal.

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 Pump 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 3 Office *(via Certified Mail Return Receipt Requested 7002 2030 0006 2471 1452)*
1000 Rio Brazos Road
Aztec, New Mexico 87410

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 7/24/03

or cash received on _____ in the amount of $ 100.00

from DUKE ENERGY field SERVICES L.P

for DUMP MESA COMP ST GW-148.
(Facility Name) (OCD No.)

Submitted by: WAYNE PRICE Date: 8/6/03

Submitted to ASD by: [signature] Date: 8/6/03

Received in ASD by: _____ Date: _____

Filing Fee X New Facility ___ Renewal ___

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2004

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

50-937/213

VENDOR NO.	CHECK DATE	CHECK NUMBER
0000078220	07/24/03	[redacted]

PAY ONLY ONE ZERO ZERO 00 CTSCTS

CHECK AMOUNT *******$100.00

NOT NEGOTIABLE AFTER 120 DAYS

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

David L. Hansen
AUTHORIZED SIGNATURE

One hundred and 00/100 Dollars

HOLD BETWEEN [redacted] 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
07/24/03

INVOICE NUMBER	INVOICE DATE	NET AMOUNT	DESCRIPTION
pump mesa cs	07/22/03	100.00	pump mesa cs
			TOTAL PAID **$100.00**

PLEASE DETACH AND RETAIN FOR YOUR RECORDS

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised January 24, 2001

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

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

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

☐ New ☒ Renewal ☐ Modification

1. Type: Pump Mesa Compressor Station
2. Operator: *See enclosed discharge plan.*
3. Location: *See enclosed discharge plan.*
4. Attach the name, telephone number and address of the landowner of the facility site. *See enclosed discharge plan.*
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility. *See enclosed discharge plan.*
6. Attach a description of all materials stored or used at the facility. *See enclosed discharge plan.*
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included. *See enclosed discharge plan.*
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures. *See enclosed discharge plan.*
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems. *See enclosed discharge plan.*
10. Attach a routine inspection and maintenance plan to ensure permit compliance. *See enclosed discharge plan.*
11. Attach a contingency plan for reporting and clean-up of spills or releases. *See enclosed discharge plan.*
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included. *See enclosed discharge plan.*
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders. *See enclosed discharge plan.*

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

Name: Mike Betz Title: Asset Manager

Signature: Mike Betz Date: 7/21/2003

Pump Mesa Compressor Station
SE/4 Section 14 Township 31N Range 8W

DISCHARGE PLAN

This document constitutes a renewal application for the Groundwater Discharge Plan for the Pump Mesa Compressor Station which was previously approved by the NMOCD on May 18, 1998. This Discharge Plan application has been prepared in accordance with the NMOCD "Guidelines for the Preparation of Discharge Plans at Natural Gas Plants, Refineries, Compressor and Crude Oil Pump Stations" (revised 12-95) and New Mexico Water Quality Control Commission (WQCC) regulations, 20.6.2.3-104 and 3-106 NMAC.

1 Type of Operation

The facility does not intend or have a discharge or discharges that may move directly or indirectly into groundwater.

2 Operator / Legally Responsible Party

Operator
Duke Energy Field Services, LP
3300 N. A Street, Building 7
Midland, TX 79705
(505) 634-6461
Contact Person: Mike Betz – Asset Manager

Owner
Val Verde Gas Gathering Company, LP
2929 Allen Parkway
Houston, TX 77019

3 Location Facility

SE/4 Section 14 Township 31N Range 8W, San Juan County, NM

See Figure 1 – Site Location Map.

4 Landowner

U.S. Department of Interior
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502-0115

5 Facility Description

The facility provides natural gas compression for the gathering system.

6 Materials Stored or Used

There are no materials stored on-site or used that are discharged on site so that they may move directly or indirectly into groundwater.

7 Sources and Quantities of Effluent and Waste Solids

There are no effluents or waste solids that are discharged on site so that they may move directly or indirectly into groundwater. All effluent and waste solids generated at the facility are removed from the facility for off-site disposal in accordance with applicable NMOCD, NMED, and EPA regulations.

Separators/Scrubbers
Effluents or waste solids generated from separators or scrubbers are not discharged on site so that they may move directly or indirectly into groundwater.

Boilers and Cooling Towers/Fans
There are no boilers or cooling towers/fans at the facility.

Process and Storage Equipment Wash Down
Effluent or waste solids generated from process and storage equipment wash down are not discharged on site so that they may move directly or indirectly into groundwater.

Solvents/Degreasers
Solvent or degreasers are not discharged on site so that they may move directly or indirectly into groundwater.

Spent Acids/Caustics
If generated, spent acids or caustics are not discharged on site so that they may move directly or indirectly into groundwater.

Used Engine Coolants
Engine coolants are not discharged on site so that they may move directly or indirectly into groundwater.

Waste Lubrication and Motor Oils
Lubricating and motor oils are not discharged on site so that they may move directly or indirectly into groundwater.

Used Oil Filters
Used oil filters are not discharged on site so that they may move directly or indirectly into groundwater.

Solids and Sludges
Solids and sludges are not discharged on site so that they may move directly or indirectly into groundwater.

Painting Wastes
Painting wastes are not discharged on site so that they may move directly or indirectly into groundwater.

Sewage
Sewage is not generated at the facility; there are no leach fields located on site.

Lab Wastes
Lab wastes are not generated at the facility.

Other Liquids and Solid Wastes
Other liquids or solid wastes are not discharged on site so that they may move directly or indirectly into groundwater.

8 Liquid and Solid Waste Collection / Storage / Disposal

Collection/Storage
All liquid and solid wastes are collected and stored in containers for off-site disposal.

On-site Disposal
There are no on-site disposal activities at the facility.

Off-site Disposal
All liquid and solid wastes are disposed off site.

9 Proposed Modifications

None

10 Inspection, Maintenance, and Reporting

Routine inspections and maintenance are performed to ensure proper collection, storage, and off-site disposal of all wastes generated at the facility.

11 Spill / Leak Prevention and Reporting (Contingency Plans)

DEFS will respond to and report spills as outlined in the DEFS Environmental Compliance Manual and in accordance with the requirements of NMOCD Rule 116 [19.15.C.116 NMAC] and WQCC regulation [20.6.2.1203 NMAC].

12 Site Characteristics

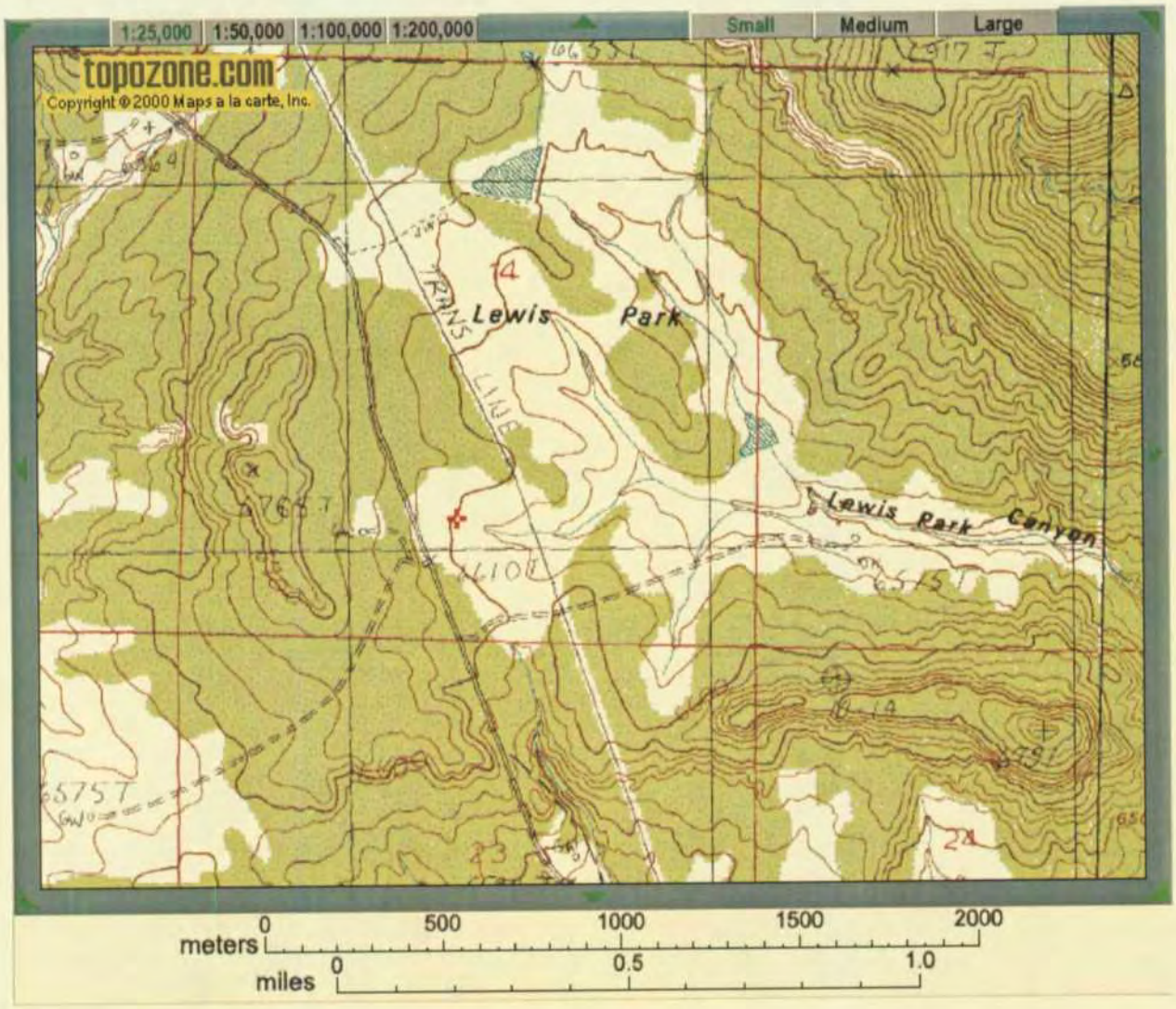
No Changes.

13 Additional Information

All unauthorized releases and discharges will be reported to the NMOCD in accordance with NMOCD Rule 116, 19.15.C.116 NMAC, and WQCC regulation, 20.6.2.1203 NMAC.

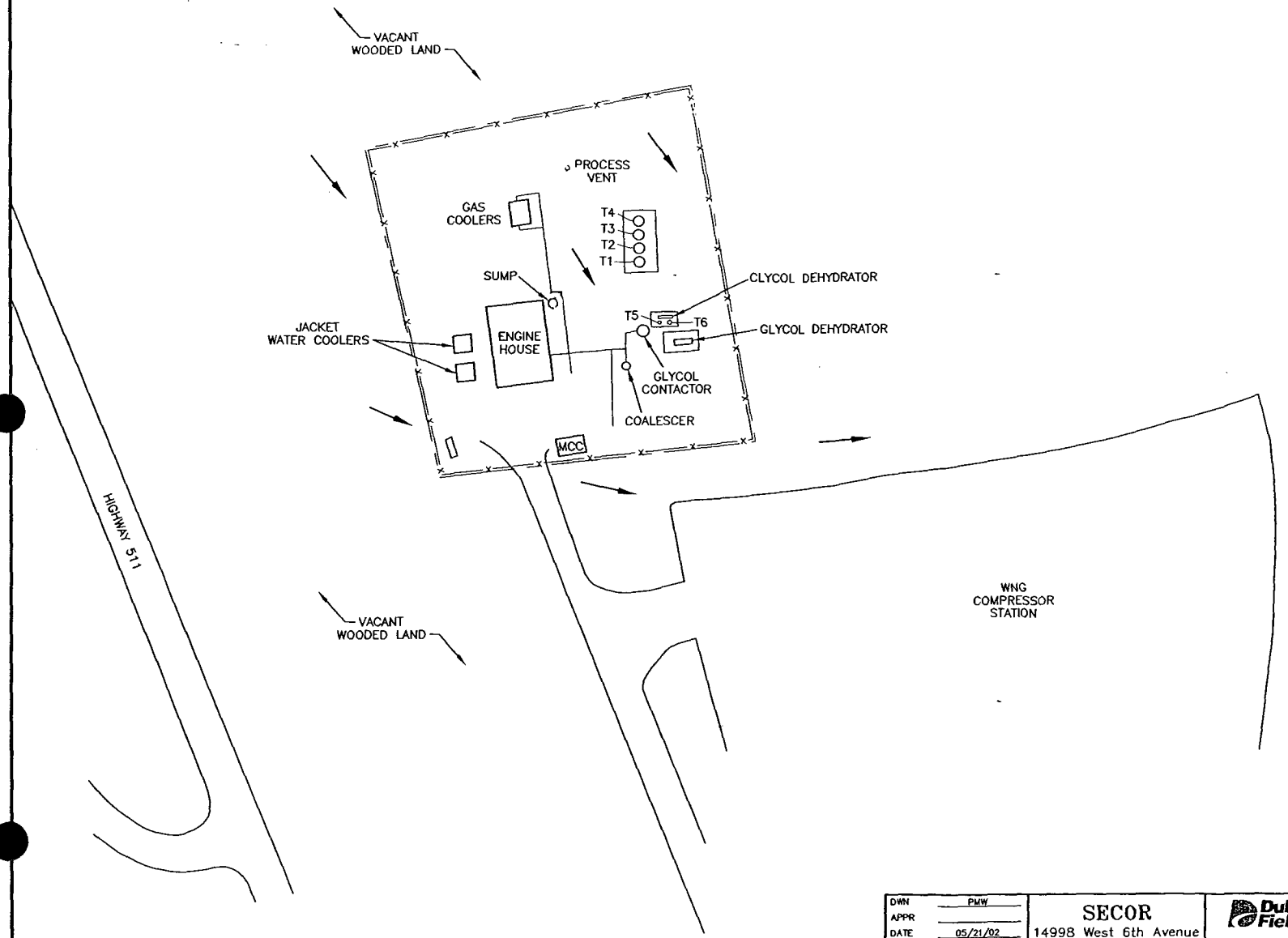
FIGURES

FIGURE 1. Site Location Map – Pump Mesa Compressor Station.



Facility

FIGURE 2. Facility Plot Plan – Pump Mesa Compressor Station.



LEGEND:

- FENCE
- APPROXIMATE PROPERTY BOUNDARY
- SURFACE SLOPE
- SECONDARY CONTAINMENT
- STAINED SOIL

TANKS:

T1	210 BBL PRODUCED WATER
T2	210 BBL GLYCOL
T3	210 BBL NEW OIL
T4	210 BBL USED OIL
T5	1000 GAL REBOILER CONDENSATE
T6	1000 GAL TEG

N
W E
S

100 0 100

APPROXIMATE SCALE, IN FEET

DWN	PMW
APPR	
DATE	05/21/02
JOB NO.	11DU.21014.00
CAD FILE	BAS-1273

SECOR
14998 West 6th Avenue
Suite 800
Golden, Colorodo 80401

Duke Energy Field Services
A New Kind of Energy
Project Diego – BR Assets
San Juan County, New Mexico

Site Plan
Pump Mesa C.S.

Price, Wayne

From: Price, Wayne
Sent: Tuesday, June 24, 2003 11:42 AM
To: Karin Char (E-mail)
Cc: Ford, Jack
Subject: Duke facilities located in the NW part of New Mexico

Dear Karin:

Please note I was the permit writer for the Burlington facilities that Duke purchased in the Northwest part of the state. Jack Ford and I have split Duke into North/South. I will handle the North facilities and Jack will handle the south facilities. Please note I am showing that GW-146(Sims Mesa) and GW-148(Pump Mesa) permits will expire on 8/19/03. I reviewed the file and found that Duke has submitted a DP renewal and filing fee ($100) for the Simms Mesa Facility but we have not received anything on the Pump Mesa Facility. Also sometime in July I would like to inspect these facilities.

Sincerely:

Wayne Price
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, NM 87505
505-476-3487
fax: 505-476-3462
E-mail: WPRICE@state.nm.us

Duke Energy. Field Services
A New Kind of Energy™

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

OIL CONSERVATION DIV.

02 JUL -5 PM 1:58

July 1, 2002

CERTIFIED MAIL
RETURN RECEIPT

Electronic Delivery July 1, 2002

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

Subject: Change in Ownership
Val Verde System

Dear Mr. Price:

On behalf of Val Verde Gas Gathering Company, LP, Duke Energy Field Services, LP (DEFS) is submitting notification of a change in ownership of 14 facilities in Rio Arriba and San Juan Counties, New Mexico. Effective July 1, 2002, Val Verde Gas Gathering Company, LP is the new owner of the facilities identified in the attached list. The attachment lists the facility name, discharge plan number and legal location.

DEFS will be operating the facilities identified in the attached lists. Therefore, DEFS requests the transfer of the discharge plans identified in the attached list to Duke Energy Field Services, LP.

DEFS will comply with the terms and conditions of the previously approved discharge plans submitted by Burlington Resources Gathering, Inc.

If you have any questions regarding this transfer of ownership and/or the discharge plans, please call me at (303) 605-1717.

Sincerely,
Duke Energy Field Services, LP

Karin Char
Environmental Specialist

Attachment

cc: NMOCD District 3 Office (hard copy)
1000 Rio Brazos Road
Aztec, NM 87410

Notification of Change in Ownership
Val Verde System
Effective July 1, 2002

Facility/Project	Plan Number	Location Sec-Twnshp-Range	County / State
Arch Rock Compressor Station	GW-183	14 –T31N – R10W	San Juan / New Mexico
Buena Vista Compressor Station	GW-255	13 – T30N – R9W	San Juan / New Mexico
Cedar Hill Compressor Station	GW-258	29 – T32N – R10W	San Juan / New Mexico
Frances Mesa Compressor Station	GW-194	27 – T30N – R7W	Rio Arriba / New Mexico
Gobernador Compressor Station	GW-056	31 – T30N – R7W	Rio Arriba / New Mexico
Manzanares Compressor Station	GW-059	4 – T29N – R8W	San Juan / New Mexico
Hart Canyon Compressor Station	GW-058	20 – T31N – R10W	San Juan / New Mexico
Middle Mesa Compressor Station	GW-077	10 – T31N – R7W	San Juan / New Mexico
Pump Canyon Compressor Station	GW-057	24 – T30N – R9W	San Juan / New Mexico
Pump Mesa Compressor Station	GW-148	14 – T31N – R8W	San Juan / New Mexico
Quinn Compressor Station	GW-239	16 – T31N – R8W	San Juan / New Mexico
Sandstone Compressor Station	GW-193	32 – T31N – R8W	San Juan / New Mexico
Sims Mesa Compressor Station	GW-146	22 – T30N – R7W	Rio Arriba / New Mexico
Val Verde Gas Handling Facility	GW-51	14 – T29N – R11W	San Juan / New Mexico

Duke Energy®
Field Services

P.O. Box 5493
Denver, Colorado 80217
370 17th Street, Suite 900
Denver, Colorado 80202
Direct: 303-595-3331
Fax: 303-389-1957

October 24, 2002

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

Re: Results of the annual sump integrity inspection program - Val Verde Facilities.

Dear Mr. Price:

The purpose of this correspondence is to provide your office with written notice that Duke Energy Field Services (DEFS) completed the annual sump integrity testing at its Val Verde Area Facilities. I have sent you multiple copies of this letter such that you can file one copy per site.

The below listed facilities have double wall sumps with leak detection between the walls. The following actions were taken at each facility sump:

1. Visually inspect for liquids between the sump walls
2. Pull the leak sensor
3. Place it in water.
4. Check the control panel for a positive indication of a leak
5. Return the leak sensor.
6. Check the control panel to assure a return to a negative reading

These procedures were implemented at each of the inspections, at the facilities below. There were no visual signs of leaks and all equipment functioned correctly.

Facility Name / inspection date	Visual inspection	Electronic Sensor	Facility Name	Visual inspect	Electronic Sensor
Arch Rock 8/20/02	PASS	PASS	Middle Mesa 8/23/02	PASS	PASS
Buena Vista 8/22/02	PASS	PASS	Pump Canyon 8/19/02	PASS	PASS
Cedar Hill 8/21/02	PASS	PASS	Pump Mesa 8/19/02	PASS	PASS
Francis Mesa 8/20/02	PASS	PASS	Sandstone 8/19/02	PASS	PASS
Gobernador 8/20/02	PASS	PASS	Sims Mesa 8/20/02	PASS	PASS
Manzanares 8/20/02	PASS	PASS	Hart 8/20/02	PASS	PASS

The sump at the Quinn Compressor Station is double walled, but there is no leak detection system. A visual inspection of the space between the two sump walls showed no liquid. Additionally, the inner tank was pressured up with nitrogen to three pounds of pressure. The pressure was observed for 30 minutes, with no reduction. It was determined that the Quinn sump was structurally sound.

There are two sumps at the Val Verde Treater. (T-5419 and T8419) These two sumps were cleaned and inspected on August 18, 2002. The sumps are double walled and the secondary containment space was inspected for leaks from the primary tank. This area was found to be dry with no indication of a leak on both sumps. The high level alarm was tested in each sump and found to be operational. The ejection pumps were tested and found to be in good working order on each unit. After inspection, the sumps were cleaned and vacuumed to prevent any solid material from plugging the pumps. The sumps were inspected and photographed. It was determined that the two Val Verde sumps were structurally sound.

This completes the 2002 Val Verde Area annual sump inspection program. Thank you for reviewing this summary letter report. Should any questions arise, please notify me at 303 605 1726.

Sincerely yours,

Jack E. Braun

Jack E. Braun
Sr. Env. Specialist

Cc: Mike Lee, DEFS Val Verde Office
Blair Armstrong. "
Rick Wade "
Denny Foust OCD District Office

BURLINGTON RESOURCES

SAN JUAN DIVISION

February 7, 2002

Certified Mail:70993400001842165353

Wayne Price
N.M. Oil Conservation Division
1220 South Street Francis Drive
Santa Fe, NM 87505

Re: 2001 Compressor Station Sump and Line Testing Integrity Inspections

Dear Mr. Price:

The purpose of this correspondence is to provide your office with written notice that the sumps at the following compressor stations were visually tested in September 2001 (OCD Discharge Plan Special Condition # 8). In addition, five of the stations successfully completed the required underground wastewater line testing (OCD Discharge Plan Condition # 9) at the same time as sump inspections. All the stations passed the required testing. No evidence of discharges of wastewater was observed during the testing. Under the normal gravity draining operation of the drain lines, no discharge of wastewater is expected.

Arch Rock	*Buena Vista	*Middle Mesa	Manzanares
Hart Canyon	*Rattlesnake	Pump Mesa	Gobernador
*Cedar Hill	Sandstone	Sims Mesa	Frances Mesa
Pump Canyon	*Quinn		

* Underground Line Testing

For the visual sump inspection, the sumps were completely emptied, cleaned and the lids removed to allow access to each unit. The underground line testing was conducted using the process approved in the OCD's letter dated November 19, 1998. Basically, the procedure is as follows:

1. Underground lines will be plugged at the end of the sump.
2. At the entry point of the underground lines a threaded site glass column assembly will be installed.
3. After all exit points are sealed, the underground lines will be filled with water to a common mark on a glass column assembly. The site glass filling mark will be of sufficient height to be equivalent to a static head pressure of at least 3 psi on the piping system.
4. The site glass will be monitored for 30 minutes.
5. The test will be deemed successful if the level does not fluctuate from the test mark on the glass column.

Please note, BR has included a copy of this letter for each test completed to assist in the distribution of the letter in your files. If you have questions or need additional information, please contact me at (505) 326-937.

Sincerely,

Gregg Wurtz
Environmental Representative

CC: Bruce Gantner
Denny Foust, OCD District Office

BURLINGTON
RESOURCES

SAN JUAN DIVISION

March 7, 2001
CERTIFIED MAIL RETURN RECEIPT NO.70993220000289813946

Wayne Price
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: Burlington Resources Compressor Station Site Inspections 2000. **Manzanares GW-05, Gobernador GW-056, Pump Mesa GW-148, Quinn GW-239, Sandstone GW-193, Rattlesnake GW-093, Buena Vista GW-255, Pump Canyon GW-057, Hart Canyon GW-058, Cedar Hill GW-258, and Middle Mesa GW-07:**

Dear Mr. Price:

New Mexico Oil Conservation Division (OCD) conducted site inspections of 11 Burlington Resource's (BR) compressor stations that have discharge plan permits. Subsequent to these inspections OCD provided a list of inspection recommendations.

BR has successfully completed the recommendations detailed in OCD's inspection report. The written responses to each recommendation are provided in italic bold print following the OCD comment.

Manzanares GW-059:

1. Discharge of oil from the compressors is being deposited on the ground. ***BR removed the stained gravel, deeply raked the underlying soil, applied a remediation enhancing potassium permanganate solution and placed new gravel. An analysis of the cause of the contamination is being performed to identify the source of the hydrocarbon staining. The oil staining appears to be superficial, impacting only the surface gravel and top 2-3 inches of soil underlying the gravel. No direct cause has been determined except for over spray from the engine starter stacks located on this end of the building. The stacks were modified in 1999 with drains to prevent oil accumulations in stacks. Additional modifications to the design may be necessary.***

2. Oil stain found around wastewater tank. ***BR removed the stained gravel, deeply raked the underlying soil, applied a remediation enhancing potassium permanganate solution and covered the soil with new gravel. The tank integrity was visually verified as satisfactory and tank-gauging records do not indicate a tank leak has occurred. The likely source of the staining was an historic minor tank upset that may not have been completely cleaned from the sides and base of tank.***

Gobernador GW-056:

Compressor building drain lines will not hold pressure. ***BR proposed an alternative drain line test during the inspection. The test proposed and implemented was a volume in/volume out drain line test and an analysis of risk for the liquids transported in the drain line system. The volume in/volume out drain line test was successfully completed and demonstrated insignificant risks to the environment from the waste drain line system. A more complete description of the testing procedures and results are provided in Attachment 1.***

Pump Mesa GW-148:

1. Oil stain around produced water tank. ***BR applied a remediation enhancing potassium permanganate solution to the gravel. The staining was superficial and limited to the top surface of the gravel. The cause of the staining was believed to be a dump valve that may have stuck open causing over spray from the top of the tank where the dump line enters the tank.***

2. Oil stain around compressor sump pump. ***BR removed the stained gravel, deeply raked the underlying soil, applied a remediation enhancing potassium permanganate solution and placed new gravel. Hydrocarbon staining was limited to the top 2-4 inches of the soil underlying the gravel. The pump seals were replace and the pump no longer leaks oil.***

Quinn GW-239:

TEG and De-hydrator wastewater tank secondary liner is torn. ***The TEG tank was determined to be a double wall tank and in satisfactory condition. The plastic under the TEG was not replaced and the berm was left in place as tertiary containment. The containment liner under the dehydrator wastewater tank was replaced and berm rebuilt.***

Sandstone GW-193:

Tank farm area lube oil pump is leaking and produced water tank is wet around base. ***Replacing the pump seals repaired the lube oil pump. The gravel and soil around the pump was deeply raked and a remediation enhancing potassium permanganate solution was applied and new gravel placed. The oil contamination was limited to the top 2-4 inches of soil underlying the gravel The wet area around the tank was believed to be natural water and no contamination or tank problems were detected.***

Rattlesnake GW-093:

1. Motor oil and anti-freeze storage tanks do not have proper containment. ***Containments under both tanks were upgraded to meet OCD's requirements.***

2. Oil and water observed in condensate underground wastewater storage tank leak detector. ***The fiberglass wastewater storage tank was removed and replaced with a new metal tank. The condition of the fiberglass tank was satisfactory with no evidence of leaking. Historic contamination was detected adjacent to the wastewater tank and followed under the condensate storage tank during the excavation process. The source of the contamination was believed to be the storage tank. A laboratory sample for clean closure conformation was collected under this tank. The extent of contamination was determined to be limited to the extent of the bermed containment encompassing both storage tanks, approximately 20 feet x30 feet and 16 feet in depth at the deepest point. The impacted soils were removed and land farmed at the Quinn Compressor Station. The excavation was backfilled with clean soils and the facility was rebuilt. A diagram of the excavation and analytical results are included in Attachment 2.***

Buena Vista GW-255:

Submit most recent analysis from monitoring wells. ***The most recent ground water monitoring analysis is provided in Attachment 3. Ground water samples were collected quarterly between 5/96 and 5/98 with no constituents of concern detected. Included in the attachment is a letter from BR to BLM (June 25, 1998) recommending the four wells for plugging and abandonment.***

Pump Canyon GW-057:

Sign needs to be changed from Meridian to Burlington Resources. ***The sign has been changed to read Burlington Resources.***

Hart Canyon GW-058:

Main compressor building sump has lost mechanical integrity. ***The sump was removed and replaced with a new double walled tank with leak detection. No contamination was observed in the tank excavation. The old tank was pressure tested at the fabricators to determine the location of tank failure. The pressure test did not detect any leaks in the tank's primary or secondary walls. The old tank was determined to be in satisfactory condition and should not have been removed. A new procedure for tank integrity and leak detection testing is being developed.***

Cedar Hill GW-258:

Plant main vent system has oil accumulating on stack and system is located in stormwater drain area. ***The staining was caused by hydrocarbons and water that have accumulated in the Emergency Shut Down stack between shutdowns. Shut downs are infrequent and only in an emergency. The oil staining was observed to be insignificant and unlikely to contribute to a reportable storm water release. However, the soil was cleaned and will be monitored for future stack accumulations and any resulting soil staining will be remediated.***

Middle Mesa GW-077:

1. De-hydrator steam condensate wastewater tank needs proper containment. ***The tank was replace with a double walled tank.***

2. Outside west compressor-oil and water being discharged to ground. ***The gravel and soil, to a depth of 6 inches, was removed around the area adjacent to the compressor skid. The remaining soil was deeply raked and a bioremediation enhancing potassium permanganate solution was applied and new gravel placed. The compressor skid was redesigned to prevent oil and water from being discharged to the ground adjacent to the compressor.***

Common action items for all sites:

1. Burlington shall make minor modifications to all discharge plans to include a routine check for emptying all sumps and troughs. ***A Best Management Practice has been developed for this routine check of all sumps and containments.***

2. Burlington shall make minor modifications to all discharge plans up dating where all solid waste is being disposed of. ***The discharge plans provide this information on a table in Section VIII Effluent Disposal, Part B. Off-Site Disposal.***

If you have any questions please do not hesitate to contact me at 505-326-9537.

Sincerely;

J. Gregg Wurtz

J. Gregg Wurtz
Sr. Environmental Rep.
San Juan Division
505-326-9537

Cc: OCD Aztec Office
Attachments-3

Gobernador Waste Drain Line Test

The purpose of this Attachment is to document the successful completion of the drain line test at the Gobernador Compressor station on 11/29/00.

Background

The Gobernador Compressor Station has eight floor drains manifolded into one common 4 inch PVC drain line that flows to an outside sump tank and then to an above ground storage tank. The drain lines are below the concrete floor and collect mainly wash water and petroleum lubes and oils (POLs) generated from normal operation and maintenance of the compressor engines.

The drain lines were tested starting in April 2000 using a hydrostatic test procedure approved by OCD. The drain lines from the outside sump to the above ground storage tank and the sump inspection were tested successfully. The hydrostatic test of the drain lines from the sump to within the compressor building was unsuccessful. The drain lines inside the building failed because they were not able to hold the OCD specified static 3 p.s.i. pressure for 30 minutes. A small amount of pressure was lost during the test until a static level was achieved at ambient pressure and temperature at floor level.

To identify the cause of the test failure BR looked for any missed outlets or small cracks in the drain line that could have contribute to the loss in static pressure. Asbuilts for the station were reexamined for overlooked drain line outlets and all drain line lengths outside of the building were excavated and examined. No missed outlets or breaks in the drain lines were identified. No evidence of discharges was observed along the drain line excavated outside the building. The drain lines within the building are located under the concrete floor and surrounded by concrete and could not be excavated practically. The next step was to perform a visual inspection of the inside of the drain lines with a downhole video camera. The video determined that the condition of the inside of the drain lines was satisfactory and no obvious cracks or damage was observed.

The drain lines are constructed of PVC and designed for gravity flow at ambient pressure and are not designed to operate under pressure. It is important to note that the drain lines when hydrostatic tested are completely full of water but under normal day-to-day gravity flow conditions may only be 1/3 full. Therefore, a crack in the upper 2/3 of the drain line above normal flow height may lead to a failed hydrostatic test but no discharge under normal flow conditions.

Alternative Test

An alternative drain line test was proposed to OCD during a site inspection with Wayne Price, OCD Santa Fe and Denny Foust, OCD Aztec. The alternative test proposed was to use a specific volume in/volume out test for each segment of the drain line. A description of the procedures used to complete the volume in/volume out procedures is provided in

Attachment 1A. In addition, an assessment of the waste that could be potentially discharged by the drain lines was performed.

The volume in/volume out test recovered 100% for each drain line segment (see Table 1, Attachment 1A). The waste analysis based on pre-existing data detected no hazardous waste.

Risk Assessment

Constituent of Concern

An analysis of the products used at the compressor station determined that only POLs are collected in the drain lines at the facilities in significant quantities and no hazardous substances are permitted in the drain lines and sump system.

Under normal engine operation trace amounts of metals are contained in the used oil and these trace metals along with the POLs were identified as the primary constituents of concern for potential releases from the drain lines. Existing analysis preformed to chemically profile the waste water and used oil was used to determine potential risk to the environment. The analysis of the water and the used POLs was performed for detection of metals, Flash point, and total organic halogen and volatile organic compounds. The analytical results determined that the parameters tested were below WQCC standards except for Selenium in the waste water. The Selenium concentration was measured at 0.23 mg/l and the WCCC human health standard for ground water is 0.05mg/l. The analytical results for the water and used oils are provided in Attachment 1A.

The results of the alternative volume in/volume out test demonstrated that an insignificant amount of water or none at all under normal operating conditions is lost from the drain lines

Geology and Hydrology

The receptors for potential releases from the drain line system would be the geologic materials underlying the station and to a lesser extent the ground water beneath the station. The potential for the soil contamination migrating a significant distance and subsequent ground water impacts was determined to be minor based on the following: 1) the drain lines are buried in concrete during construction further inhibiting the release of liquids; 2) the compaction necessary of the soils prior to construction of the compressor facility minimizes infiltration; 3) the 100% recovery results of the drain line volume in/volume out test completed demonstrated insignificant quantity of lost fluid; and 4) the down hole video survey not detecting significant failure in the drain line.

The soils at the Gobernador station consist of a clayey and silty sand. The underlying bedrock formation is sandstone. The cathodic well data in the area indicates the depth to groundwater to be approximately 80 feet. No groundwater was encountered during the

geotechnical test borings to a depth of 25 feet. The aquifer most likely to be affected by a potential discharge in this area is the San Juan Formation. This formation is characterized by interbedded sandstones and mudstones and is approximately 2700 ft. in total thickness. The closest ephemeral stream is the Gobernador Wash approximately ¼ mi southwest of the facility.

The migration of the POLs in the soils beneath the compressor station may be limited based on the characteristics of the POLS and the porosity of soils being fine grained and well compacted. Typically, heavier hydrocarbons do not travel far from the source without facilitated transport (i.e., head pressure) when released into fine compacted soils. Moreover, the risk to human health and the environment from the POLs may be further minimized by the natural biodegradation of the potential hydrocarbons in the soils over time. This coupled with the low hydrologic conductivity of the soils and the lack of natural precipitation to facilitate vertical transport may prevent the potential of groundwater impacts during the life of the compressor station.

Conclusion

The drain lines at the Gobernador Compressor Station present an insignificant risk to human health and the environment. This conclusion was supported by the testing and analysis results including: 1) satisfactory integrity of drain lines excavated outside the building; 2) no major findings of drain line failure using a down hole camera inspection; 3) 100% recovery results of the volume in /volume out testing under normal operation of the drain lines at ambient pressure; 4) the physical characteristics of the liquids minimizing migration; and 5) the analysis of potential constituents of concern in the waste drain line liquids.

To this end, in the unlikely event a release did occur the extent of contamination maybe small and in close proximity to the source and may never impact the groundwater. Finally, a complete remediation of the site will be performed after the decommissioning and abandonment of the station.

Attachment 1A

Volume In/Volume Out Waste Drain Line Testing Procedures

Attachment 1A

Volume In/Volume Out Waste Drain Line Testing Procedures

Preparation

1. Steam clean drain lines and sump prior to test.

2. Install inlet plug with stop flow valve into sump where drain line enters sump. This will aid in the accurate collection of "volume out" water. One person will need to be inside the sump to collect water. Caution this is a confined space and the appropriate confined space permit, freash air, safety procedures and equipment must be used.

3. Use graduated plastic buckets to accurately pour water into and capture water from drain lines.

4. Prevent the introduction of in coming fluids during the test by blocking drain lines at the source.

Test

1. Start at the furtherest drain line inlet from sump. Mark volume in .01-foot increments on volume in and volume out buckets.

2. Volume In: Add 5 gallons of liquid to drain line starting at furthest drain line from sump and document time. Be careful to add water slowly and use funnel to avoid water splash loss.

3. Volume Out: At sump inlet measure return volume in graduated bucket. Allow for sufficient time (approximately 30 minutes) for water to return through drain line. Note time and volume of water collected.

Quality Assurance/Quality Control

1. Repeat one drain line segment test blind to the person collecting the "volume out" measurement inside the sump. Compare both original and repeat "volume out" measurements to document measurement precision.

2. Decrease by ½ gallon the known amount of the "volume in" water added to a randomly selected drain line segment. Do this decreased volume test blind to the person collecting the "volume out" measurement inside the sump. This check will verify "volume out" measurement accuracy

TABLE 1 VOLUME IN/VOLUME OUT TEST RESULTS GOBERNADOR COMPRESSOR STATION

Drain line	Vol. In (gallons)	Vol. Out (gallons)	Time (minutes)	Notes
1	5.0	5.0	20	Start at south engine. Water and .01 ft film of oil
2	5.0	5.0	18	Water and .01 ft film of oil recovered
3	5.0	5.0	18	Water and .01 ft film of oil recovered
4	5.0	5.0	18	Water and .01 ft film of oil recovered
4R	5.0R	5.0R	17R	Water and .01 ft film of oil. Repeat drain line
5	5.0	5.0	17	Water and .01 ft film of oil recovered
6	4.5	4.5	15	Water with .01 ft. film of oil recovered
7	5.0	5.0	15	Water and .03 ft film of oil recovered
8	5.0	5.0	14	Water and .02 ft film of oil recovered

Note:
Graduated bucket accuracy was 0.01 feet

iml

Inter-Mountain Laboratories, Inc.

Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

WASTE OIL CHARACTERIZATION

Client:	**Burlington Resources**		
Project:	BR-Compressor Stations	Date Reported:	12/22/98
Sample ID:	Gobarnador Compressor	Date Analyzed:	12/14/98
Laboratory ID:	0398G06966	Date Sampled:	11/10/98
Sample Matrix:	Oil	Date Received:	12/03/98
Condition:	Intact		

Analyte	Result	Units	Maximum Allowable Level
Arsenic	<3.0	ppm	5
Cadmium	<0.20	ppm	2
Chromium	<0.5	ppm	10
Lead	<2.50	ppm	100
Flash Point	>140	°F	must exceed 100
Total Organic Halogens	<1000	ppm	1000-4000

ND - Analyte not detected at stated detection level.

References:

Analysis performed according to SW-846 "Test Methods for Evaluating Solid Waste: Physical / Chemical Methods" United States Environmental Protection Agency 3rd Edition, Final Update III, December, 1996.

Annual Book of ASTM Standards, Vol. 05.01, Method D808-81, 1985.
Annual Book of ASTM Standards, Vol. 15.04, Method D93-80, 1985.

Comments:

Reported by: _____

Reviewed by: _____

imL

Inter·Mountain Laboratories, Inc.

Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Compressor Stations
Sample ID: Water From Used Oil Tank
Lab ID: 0399W05762
Matrix: Liquid
Condition: Cool/Intact

Date Reported: 12/13/99
Date Sampled: 11/23/99
Date Received: 11/23/99
Date Analyzed: 12/03/99

Parameter	Analytical Result	PQL	MCL	Units
TCLP Metals - EPA Method 1311				
Arsenic	<0.1	0.1	5.0	mg/L
Barium	<0.5	0.5	100	mg/L
Cadmium	<0.01	0.01	1.0	mg/L
Chromium	0.05	0.02	5.0	mg/L
Lead	<0.1	0.1	5.0	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	0.23	0.1	1.0	mg/L
Silver	<0.05	0.05	5.0	mg/L

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protecti Agency, Final Update 1, July 1992.

Reviewed By: _____
William Lipps

Inter-Mountain Laboratories, Inc.
Phone (505) 326-4737 Fax (505) 325-4182
2506 West Main Street, Farmington, NM 87401

Flash Point

Client:	**Burlington Resources**		
Project:	Compressor Stations	Date Reported:	12/13/99
Sample ID:	Water From Used Oil Tank	Date Sampled:	11/23/99
Laboratory ID:	0399W05762	Date Received:	11/23/99
Sample Matrix:	Liquid	Date Analyzed:	12/07/99
Condition:	Intact		

Analyte	Result	Units
Flash Point	>140	°F

References:

Analysis performed according to SW-846 "Test Methods for Evaluating Solid Waste: Physical / Chemical Methods" United States Environmental Protection Agency 3rd Edition, Final Update II, September, 1994.

Annual Book of ASTM Standards, Method D56.

Reported by: _____ Reviewed by: _____

jml Inter-Mountain Laboratories, Inc.
Phone (505) 326-4737 Fax (505) 325-4182 2506 West Main Street, Farmington, NM 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
EPA METHOD 8260B
VOLATILE ORGANIC COMPOUNDS BY GC/MS

Client:	**Burlington Resources**	Date Reported:	12/08/99
Project ID:	Compressor Stations	Date Sampled:	11/23/99
Sample ID:	Water from used oil tanks	Date Received:	11/24/99
Laboratory ID:	0399W05762	Date Extracted:	NA
Sample Matrix:	Water	Date Analyzed:	12/01/99

Parameter	Analytical Result	Detection Limit	Regulatory Level	Units
Benzene	ND	0.05	0.5	mg/L
Carbon Tetrachloride	ND	0.05	0.5	mg/L
Chlorobenzene	ND	0.05	100	mg/L
Chloroform	ND	0.05	6.0	mg/L
1,2-Dichloroethane	ND	0.05	0.5	mg/L
1,1-Dichloroethylene	ND	0.05	0.7	mg/L
Methyl Ethyl Ketone (2-Butanone)	ND	1.25	200	mg/L
Tetrachloroethylene	ND	0.05	0.7	mg/L
Trichloroethylene	ND	0.05	0.5	mg/L
Vinyl Chloride	ND	0.05	0.2	mg/L

ND - Compound not detected at stated Detection Limit.

Surrogate Recovery	%	Limits
Dibromofluoromethane	97	86 - 118
Dichloroethane-d4	91	80 - 120
Toluene-d8	90	88 - 110
4-Bromofluorobenzene	92	86 - 116

Reference: Test Methods for Evaluating Water, Wastewater and Solid Waste, SW-846,U.S.E.P.A., Volume IB, Revision 2, December 1996.

Analyst

Reviewed

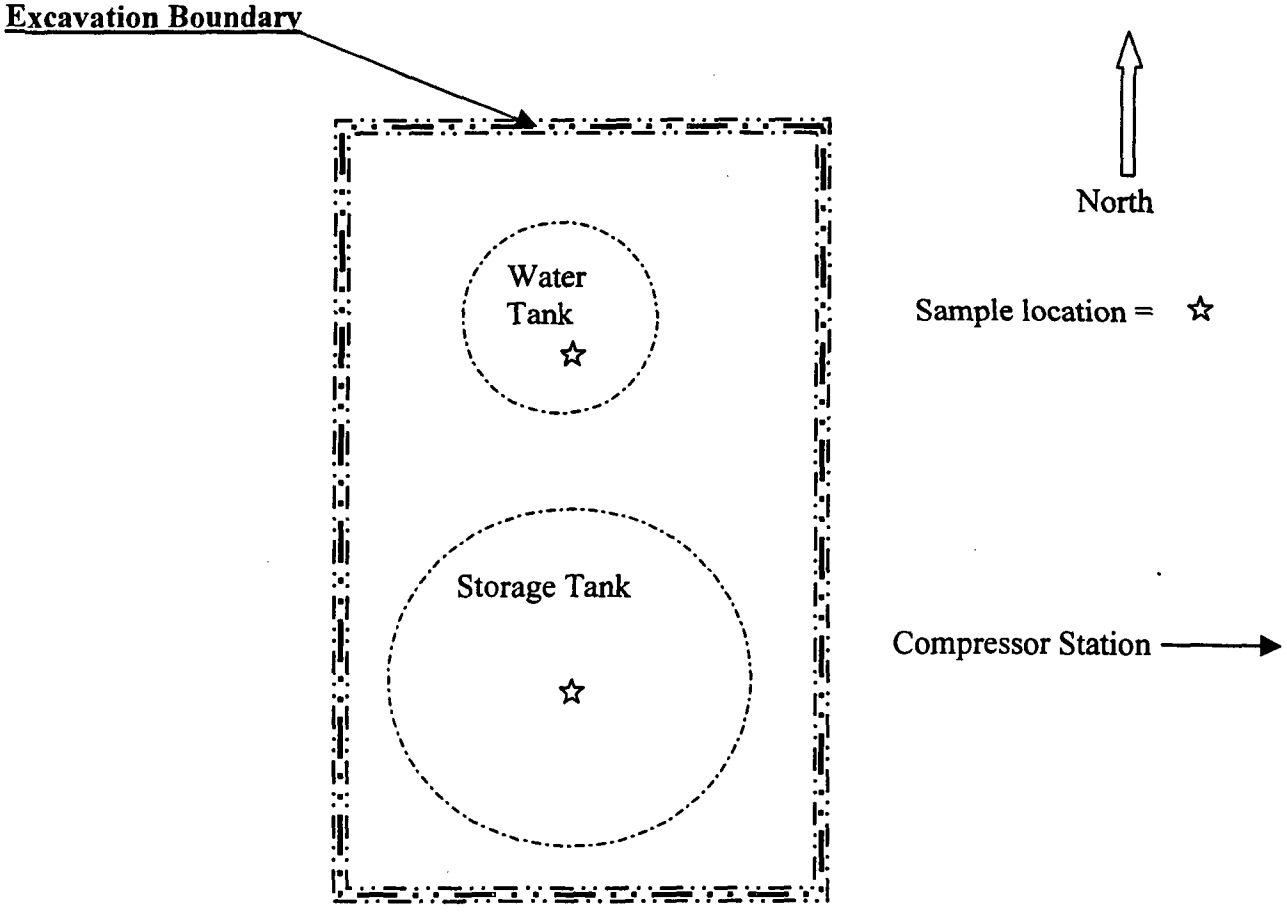
ATTACHMENT 2

RATTLE SNAKE COMPRESSOR STATION TANK WATER TANK REMEDIATION AND REPLACEMENT

Rattle Snake Compressor Station Fiberglass Waste Water Tank Replacement

Events

1. Area under both tanks excavated following the extent of soil contamination staining
2. Samples were collected at the deepest point of contamination under each tank.
3. The contamination was confined to area within berm perimeter (20 feet x 30 feet) and to a maximum depth under the storage tank of 16 feet.
4. Soil was replaced with clean fill and compacted and new water tank and the old storage tank were placed on liners and a berm reconstructed
5. Contaminated soil was land farmed at Quinn Compressor Station location



Sample from Water Tank collected at 8 feet PID field reading 0.0 ppm

Sample from Storage Tank collected at 16 feet BTEX = < 50 ug/kg
DRO/GRO = <30 ug/kg
PID = 0.0 ppm

Inter-Mountain Laboratories, Inc.
Phone (505) 326-4737 Fax (505) 325-4182
2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Rattlesnake Comp. St.
Sample ID: Rattlesnake 12/00
Lab ID: 0300W05574
Matrix: Soil
Condition: Intact

Date Reported: 01/03/01
Date Sampled: 12/19/00
Date Received: 12/20/00

Parameter	Analytical Result	PQL	Units
DRO - METHOD 8015AZ			
Diesel Range Organics (C10 - C22)	<30	30	mg/Kg
Diesel Range Organics as Diesel	<30	30	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
o-Terphenyl(SUR-8015)	92	70 - 130

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.

Reviewed By: _____
William Lipps

imL Inter-Mountain Laboratories, Inc.
Phone (505) 326-4737 Fax (505) 325-4182
2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Rattlesnake Comp. St.
Sample ID: Rattlesnake 12/00
Lab ID: 0300W05574
Matrix: Soil
Condition: Intact

Date Reported: 01/02/01
Date Sampled: 12/19/00
Date Received: 12/20/00

Parameter	Analytical Result	PQL	Units
BTEX - METHOD 8021B			
Benzene	<50	50	ug/Kg
Toluene	<50	50	ug/Kg
Ethylbenzene	<50	50	ug/Kg
Xylenes (total)	<150	150	ug/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8021B)	101	70 - 130

Reference: Method 8021b, Volatile Organic Compounds, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, United States Environmental Protection Agency, SW-846, Volume IB.

Reviewed By: _____
William Lipps

Inter-Mountain Laboratories, Inc.
Phone (505) 326-4737 Fax (505) 325-4182
2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Rattlesnake Comp. St.
Sample ID: Rattlesnake 12/00
Lab ID: 0300W05574
Matrix: Soil
Condition: Intact

Date Reported: 01/02/01
Date Sampled: 12/19/00
Date Received: 12/20/00

Parameter	Analytical Result	PQL	Units
GRO - METHOD 8015AZ			
Gasoline Range Organics(C6-C10)	<5	5	mg/Kg
Gasoline Range Organics as Gasoline	<5	5	mg/Kg

Quality Control - Surrogate Recovery	%	QC Limits
4-Bromofluorobenzene(SUR-8015B)	101	70 - 130

Reference: SW-846 - "Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", United States Environmental Protection Agency, November, 1986.

Reviewed By: _____
William Lipps

imi
Inter-Mountain Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES / PARAMETERS
Burlington Resources	Rattlesnake Comp. St.	
Sampler: (Signature)	**Chain of Custody Tape No.**	
Gregg Wurtz		

Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	BTEX	TPH GRO/DRO			Remarks
Rattlesnake 12/00	12/19/00	1500	5514	Soil	1	✓	✓			Method 8015 mod.

	Date	Time		Date	Time
Relinquished by: (Signature) Gregg Wurtz	12/19/00	1500	**Received by: (Signature)** Karin Arrington	12/20/00	0940
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by laboratory: (Signature)**	**Date**	**Time**

Inter-Mountain Laboratories, Inc.

☐ 555 Absaraka, Sheridan, Wyoming 82801, Telephone (307) 674-7506
☐ 1633 Terra Avenue, Sheridan, Wyoming 82801, Telephone (307) 672-8945
☐ 1701 Phillips Circle, Gillette, Wyoming 82718, Telephone (307) 682-8945
☒ 2506 West Main Street, Farmington, NM 87401, Telephone (505) 326-4737
☐ 11183 State Hwy. 30, College Station, TX 77845, Telephone (979) 776-8945

70466

ATTACHMENT 3

BUNEA VISTA COMPRESSOR STATION
GROUNDWATER MONITORING DATA

BUENA VISTA COMPRESSOR STATION

Quarterly Report for Groundwater Sampling

June 1998

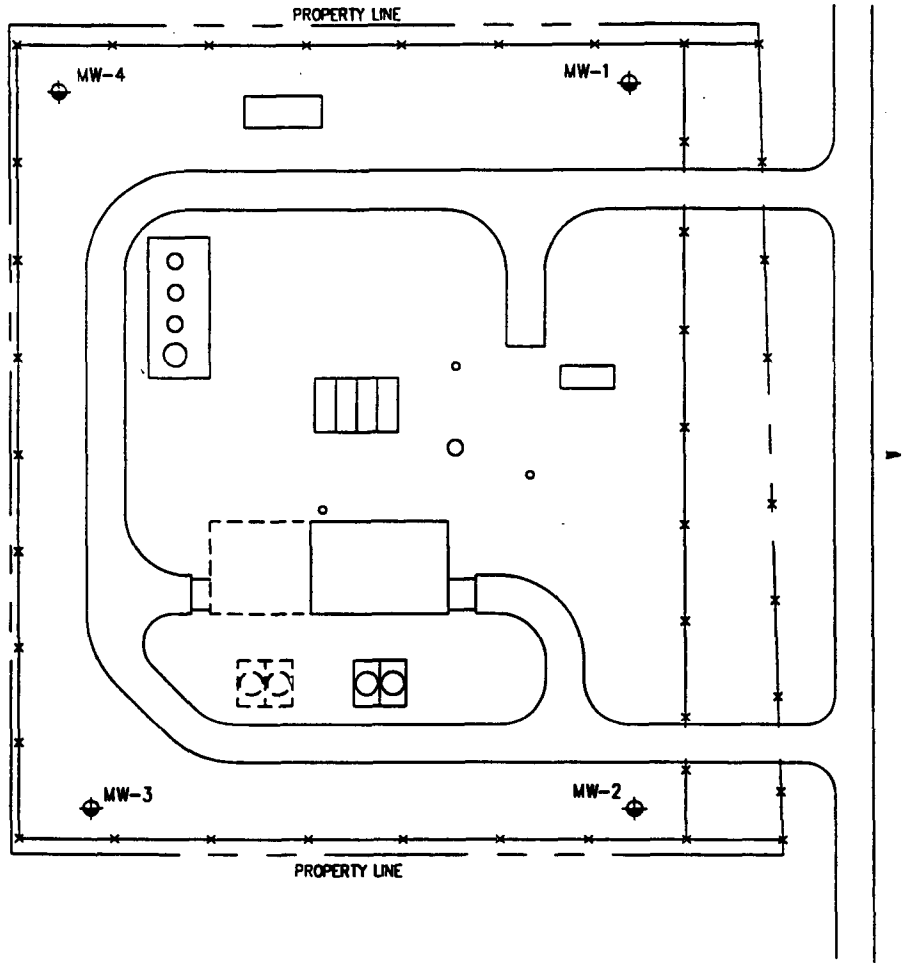
Prepared For

BURLINGTON RESOURCES OIL AND GAS COMPANY, FARMINGTON, NEW MEXICO

Project 16060

PHILIP SERVICES CORP.

4000 Monroe Road
Farmington, New Mexico 87401
(505) 326-2262



LEGEND

MW-1 APPROXIMATE MONITORING WELL LOCATION AND WELL NUMBER

N

0 100'

FEET

NOTE: THIS FIGURE WAS PREPARED USING TRIGON ENGINEERING, INC. SCHEMATIC, FILE NUMBER 8VEMA2.

PHILIP ENVIRONMENTAL

NO.	REVISION	BY	APPR.	DATE
△				

TITLE:

GROUNDWATER MONITORING WELLS
BUENTA VISTA COMPRESSOR STATION
SAN JUAN COUNTY, NEW MEXICO

SCALE	AS NOTED	DATE
DWN:	M.R.W.	9/16/96
DES:		
CHKD:		
APPD:		

PROJECT NO: 1606D
BURLINGTON RESOURCES
SAN JUAN COUNTY, NM

FIGURE 1

REV: 0

DL. J:\16060\CIV\CL01-1

TABLE 1
SAMPLE RESULTS FROM GROUNDWATER SAMPLING
BURLINGTON RESOURCES OIL & GAS COMPANY
BUENA VISTA COMPRESSOR STATION

Location	Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	Chloro-benzene µg/L	1,2-Dichloro-benzene µg/L	1,3-Dichloro-benzene µg/L	Trichloro-fluoro-methane µg/L	TDS mg/L
MW-1	05/20/98	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2100
	11/19/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2100
	05/20/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	1100
	02/20/97	< 0.5	< 1.2	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2200
	11/20/96	< 0.5	3.4	0.5	2.2	< 0.6	< 0.7	< 1.1	< 0.6	2100
	08/29/96	< 0.5	< 0.5	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2200
	05/23/96	< 0.5	5.3	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	NA	2100
MW-2	05/20/98	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2300
	11/19/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2100
	05/20/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	1100
	02/20/97	< 0.5	< 1.2	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2300
	11/20/96	< 0.5	3.1	0.6	3.3	< 0.6	< 0.7	< 1.1	< 0.6	2300
	08/29/96	< 0.5	< 0.5	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2300
	05/23/96	< 0.5	5.3	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	NA	2400
MW-3	05/20/98	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	6100
	11/19/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	5600
	05/20/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2700
	02/20/97	< 0.5	< 1.2	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	4800
	11/20/96	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	4400
	08/29/96	< 0.5	< 0.5	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	4400
	05/23/96	< 0.5	5.4	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	NA	4000

µg/L = micrograms per liter
mg/L = milligrams per liter
BTEX Analysis by USEPA Method 8260
TDS Analysis by USEPA Method 160.1
NA - Data not available for this sampling event

PHILIP SERVICES CORP

TABLE 1
SAMPLE RESULTS FROM GROUNDWATER SAMPLING
BURLINGTON RESOURCES OIL & GAS COMPANY
BUENA VISTA COMPRESSOR STATION

CONTINUED

Location	Date Sampled	Benzene µg/L	Toluene µg/L	Ethyl-benzene µg/L	Total Xylenes µg/L	Chloro-benzene µg/L	1.2-Dichloro-benzene µg/L	1.3-Dichloro-benzene µg/L	Trichloro-fluoro-methane µg/L	TDS mg/L
MW-4	05/20/98	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2500
	11/19/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	2800
	05/20/97	< 0.5	< 1.2	< 0.5	< 0.8	< 0.6	< 0.7	< 1.1	< 0.6	1400
	02/20/97	< 0.5	< 1.2	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2600
	11/20/96	< 0.5	< 1.2	0.5	0.8	< 0.6	< 0.7	< 1.1	< 0.6	2300
	08/29/96	< 0.5	< 0.5	< 0.5	< 1.3	< 0.6	< 0.7	< 1.1	< 0.6	2600
	05/23/96	2.5	18	< 2.0	9.7	< 0.6	< 0.7	< 1.1	NA	2500

µg/L = micrograms per liter
mg/L = milligrams per liter
BTEX Analysis by USEPA Method 8260
TDS Analysis by USEPA Method 160.1
NA - Data not available for this sampling event

PHILIP SERVICES CORP

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 25, 1998

Dale L. Wirth
Bureau of Land Management
1235 La Plata Highway
Farmington, New Mexico 87401

Re: Buena Vista Compressor Station
Groundwater Sampling Event

Dear Mr. Wirth:

Burlington Resources Oil and Gas Inc. (BR) is supplying you with a copy of the final Buena Vista Compressor Station Semi-Annual Report for Groundwater Sampling. The final sampling event took place on May 20, 1998. As with the previous sampling, laboratory results indicated that all tested parameters were below laboratory detection limits, except total disolved solids.

All groundwater sampling was done to meet the Buena Vista Environmental Assessment Requirements. Now that these requirements have been met, BR recommends plugging and abandoning the four monitoring wells. Please respond in writing indicating your concurrence.

If you have any questions regarding this submittal, please contact me at (505) 326-9841.

Sincerely,

Ed Hasely
Sr. Staff Environmental Representative

Enclosure: (1) Report for Groundwater Sampling, June 1998

cc: Bruce Gantner - BR
Rick Benson - BR
Buena Vista C.S. Facility File

File: Buena Vista\Groundwater Monitoring & Reports
s:\2-envnmt\grndwatr\facility\bunavsta\corresp\~~dec97~~.doc

3535 East 30th St., 87402-8891, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 14, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 4560

Mr. Greg Wurtz
Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

RE: Site Inspections

Dear Mr. Wurtz:

New Mexico Oil Conservation Division (OCD) recently conducted site inspections of several Burlington Resources (BR) compressor stations that currently have discharge plan permits. Please find enclosed a copy of these inspection reports including photos for your files. Below is a summary of action items required to be addressed by Burlington Resources:

Manzanares GW-059:

1. Discharge of oil from the compressors are being deposited on the ground. (see picture #2)
2. Oil stain found around waste water tank. (see picture #3)

Gobernador GW-056:

1. Compressor building drain line will not hold pressure.

Pump Mesa GW-148:

1. Oil stain around produced water tank. (see picture #2)
2. Oil stain around compressor sump. (see picture #3)

Quinn GW-239:

1. TEG and De-hydrator waste water tank secondary liner is torn. (see picture #2)

Sandstone GW-193:

1. Tank farm area- lube oil pump is leaking and produced water tank is wet around base.

Rattlesnake GW-093:

1. Motor oil and anti-freeze storage tanks do not have proper containment.
2. Oil and water observed in condensate underground wastewater storage tank leak detector. (see picture 2&3)

Bunea Vista GW-255:

1. Submit most recent analysis from monitoring wells.

Pump Canyon GW-057:

1. Sign needs to be changed from Meridian to Burlington Resources. (see picture #1)

Hart Canyon GW-058:

1. Main Compressor sump has lost mechanical integrity. (see picture #3)

Cedar Hill GW-258:

1. Plant main vent system has oil accumulating on stack and system is located in stormwater drain area. (see picture #2)

Middle Mesa GW-077:

1. De-hydrator steam condensate wastewater tank needs proper containment. (see picture #2)
2. Outside west compressor-oil and water being discharged to ground. (see picture #3)

Common action items for all sites:

1. Burlington shall make minor modifications to all discharge plans to include a routine check for emptying all sumps and troughs.
2. Burlington shall make minor modifications to all discharge plans up dating where all solid waste is being disposed of.

Please provide a detail report for each action item listed above showing your corrective actions taken and/or findings by January 15, 2001.

If you have any questions please do not hesitate to call me at 505-827-7155.

Sincerely;

Wayne Price- Pet. Engr. Spec.

Cc: OCD Aztec Office
Attachments-11

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: ~~12-2~~ 11-7-00 Time: 12:20 pm

Type of Facility: Refinery ☐ Gas Plant ☐ Compressor St. ☑ Brine St. ☐ Oilfield Service Co. ☐
Surface Waste Mgt. Facility ☐ E&P Site ☐ Crude Oil Pump Station ☐
Other ☐_____

Discharge Plan: No ☐ Yes ☑ DP# GW-148

FACILITY NAME: PUMP MESA

PHYSICAL LOCATION: _____

Legal: QTR ~~QTR~~ S/2 Sec 14 TS 31N R 8W County SAN JUAN

OWNER/OPERATOR (NAME) BURLINGTON RESOURCES

Contact Person: KEVIN JOHNSON Tele:# _____

MAILING

ADDRESS: _____ State _____ ZIP _____

Owner/Operator Rep's: GREG WURTZ

OCD INSPECTORS: PRICE & FOUST

1. 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.

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

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

OILY STAIN AROUND PRODUCED WATER TANK.
PIC #2

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

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks 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.

7. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee 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.

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? _____ Yes _____ No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES ☑ NO ☐ IF NO DETAIL BELOW.

USED OIL SOAK PADS → DISPOSED OF AT WASTE Mgt - FARMINGTON
SAN JUAN CO LANDFILL - AS SPECIAL WASTE

9. 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.

ANY CLASS V WELLS NO ☑ YES ☐ IF YES DESCRIBE BELOW ! Undetermined ☐

10. 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.

OIL STAIN AROUND COMPRESSOR SUMP pic #3

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

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

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

SPCC - YES

14. ANY WATER WELLS ON SITE ? NO ☑ YES ☐ IF YES, HOW IS IT BEING USED ?

Miscellaneous Comments:

Number of Photos taken at this site: pic #1 - sign
attachments-

OCD Inspection November 07, 2000
Pictures by Wayne Price-OCD
Burlington Resources- Pump Mesa Comp. ST GW-148

Picture #1-Sign

Tank Farm area- Oily stain around produced water tank

Picture #3- Oil stain near main Compressor sump pump.

BURLINGTON RESOURCES

SAN JUAN DIVISION

May 18, 1999

Certified Mail: Z 186 732 837

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

Attention: Wayne Price

Re: Compressor Station Sump Integrity Inspections

Dear Mr. Price:

The purpose of this correspondence is to provide your office with written notice that the following compressor stations are to be visually tested during a three-day time frame starting May 25th, 1999:

May 25th	**May 26th**	**May 27th**
Pump Canyon	Hart	Manzanares
Buena Vista	Arch Rock	Gobernador
Sandstone	Rattlesnake	Frances Mesa
Quinn	Cedar Hill	Sims Mesa
Pump Mesa		
Middle Mesa		

As required under OCD Discharge Plan Special Condition # 8:

"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".

As a result, to comply with this condition the above dates have been scheduled for cleaning out the sumps and visually inspecting each unit. Before the inspection commences, the sumps will be completely emptied and the lids removed to allow access to each unit. To complete the tests within a three-day time frame, the facilities have been logistically organized by area and the test will start each day at 7:30 a.m. at the first facility.

By providing written notice to OCD regarding these tests, it is Burlington Resources intentions to comply with the "72 hours prior to all testing" notification requirement contained in Condition #8. I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Ken Johnson
Kevin Johnson
Denny Foust, OCD District Office
Correspondence

JTS:

BURLINGTON RESOURCES

SAN JUAN DIVISION

6/1/1999

JUN - 3

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

Attention: Wayne Price

Re: Compressor Station Sump Integrity Inspections

Dear Mr. Price:

The purpose of this correspondence is to provide your office with the results of the compressor stations visual test that was conducted at the following locations:

Pump Canyon	Hart	Manzanares
Buena Vista	Arch Rock	Gobernador
Sandstone	Rattlesnake	Frances Mesa
Quinn	Cedar Hill	Sims Mesa
Pump Mesa	Middle Mesa	

The purpose of the test was to comply not only with the terms and conditions of the original OCD Discharge Plans, but also to satisfy special condition 8. To complete the visual inspection of the sumps, Scat Hot Wash was employed to pressure wash the interior. After the unit was steam cleaned, the residual liquid was removed to allow all areas of the sump to be examined. During the sump inspection no pitting of the steel was observed and the welds appeared to be adequate for sustaining structural integrity.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Ken Johnson
Kevin Johnson
Denny Foust, OCD District Office
Correspondence

JTS:

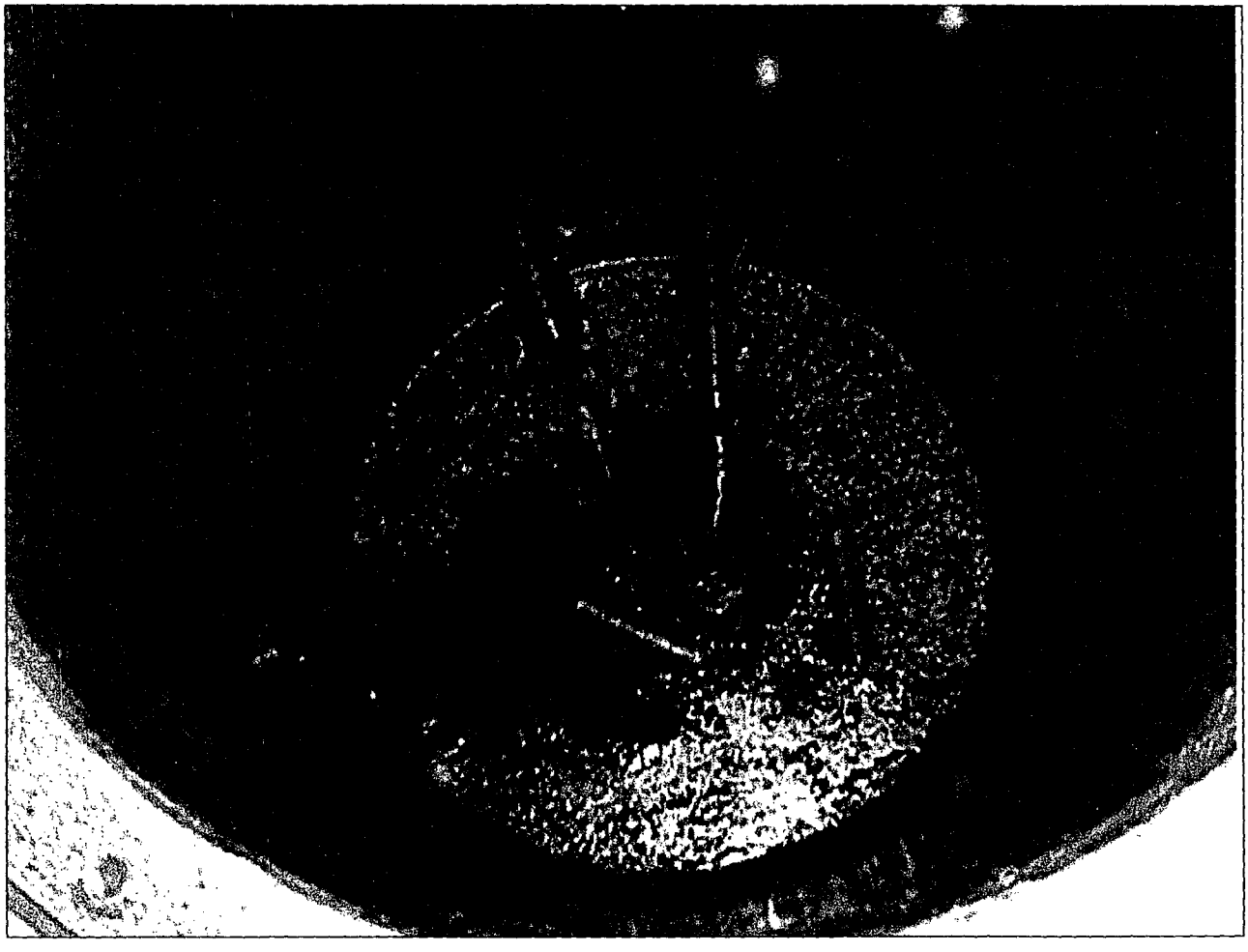
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Arch Rock*
Section:	14
Township	32N
Range:	11W
Date of Inspection:	5/26/99
Plan Expiration Date:	2/21/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments:

spector: _____

Environmental Representative

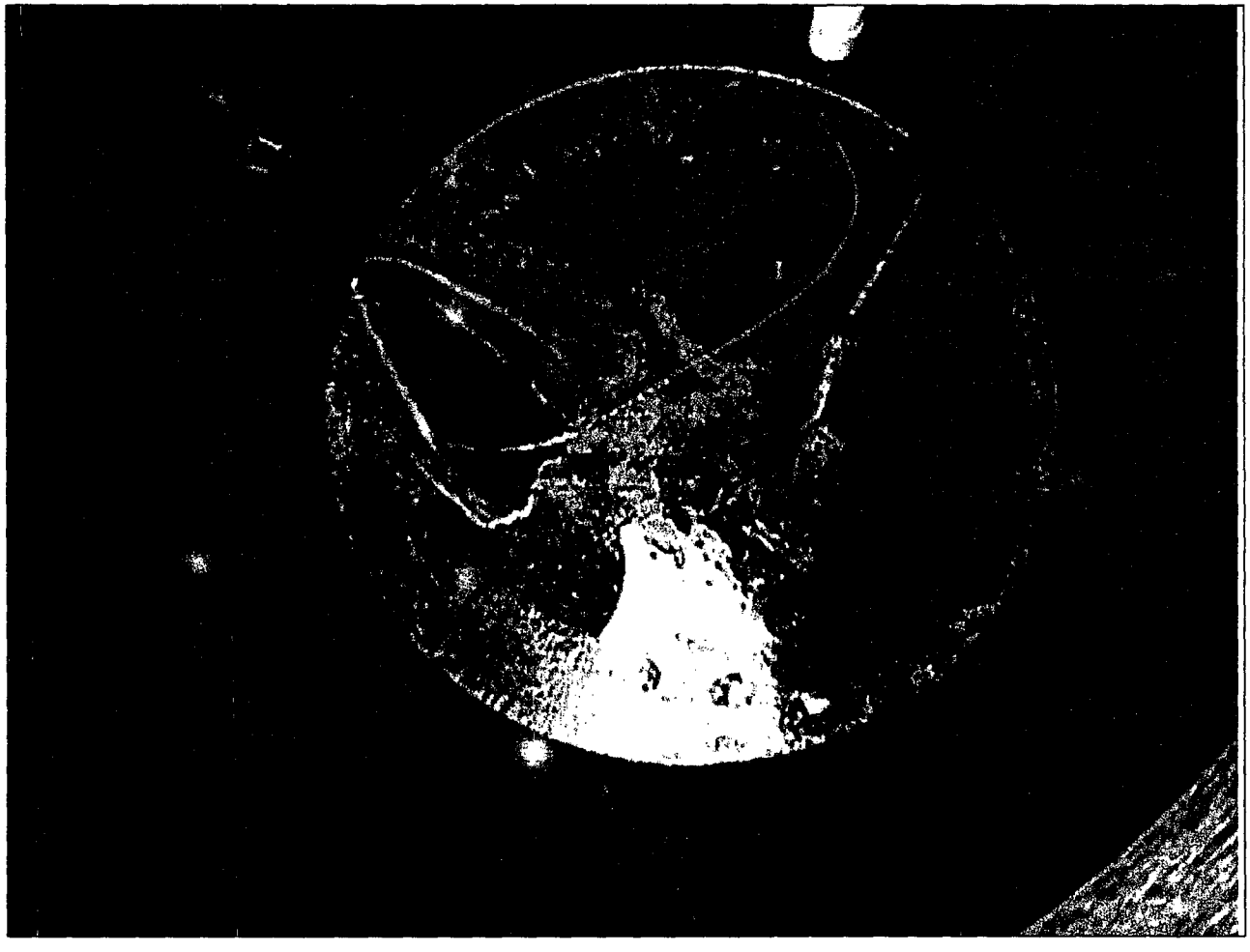
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Buena Vista*
Section:	13
Township	30N
Range:	9W
Date of Inspection:	5/25/99
Plan Expiration Date:	9/5/01
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Cedar Hill*
Section:	29
Township	30N
Range:	10W
Date of Inspection:	5/26/99
Plan Expiration Date:	9/30/01
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:

Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

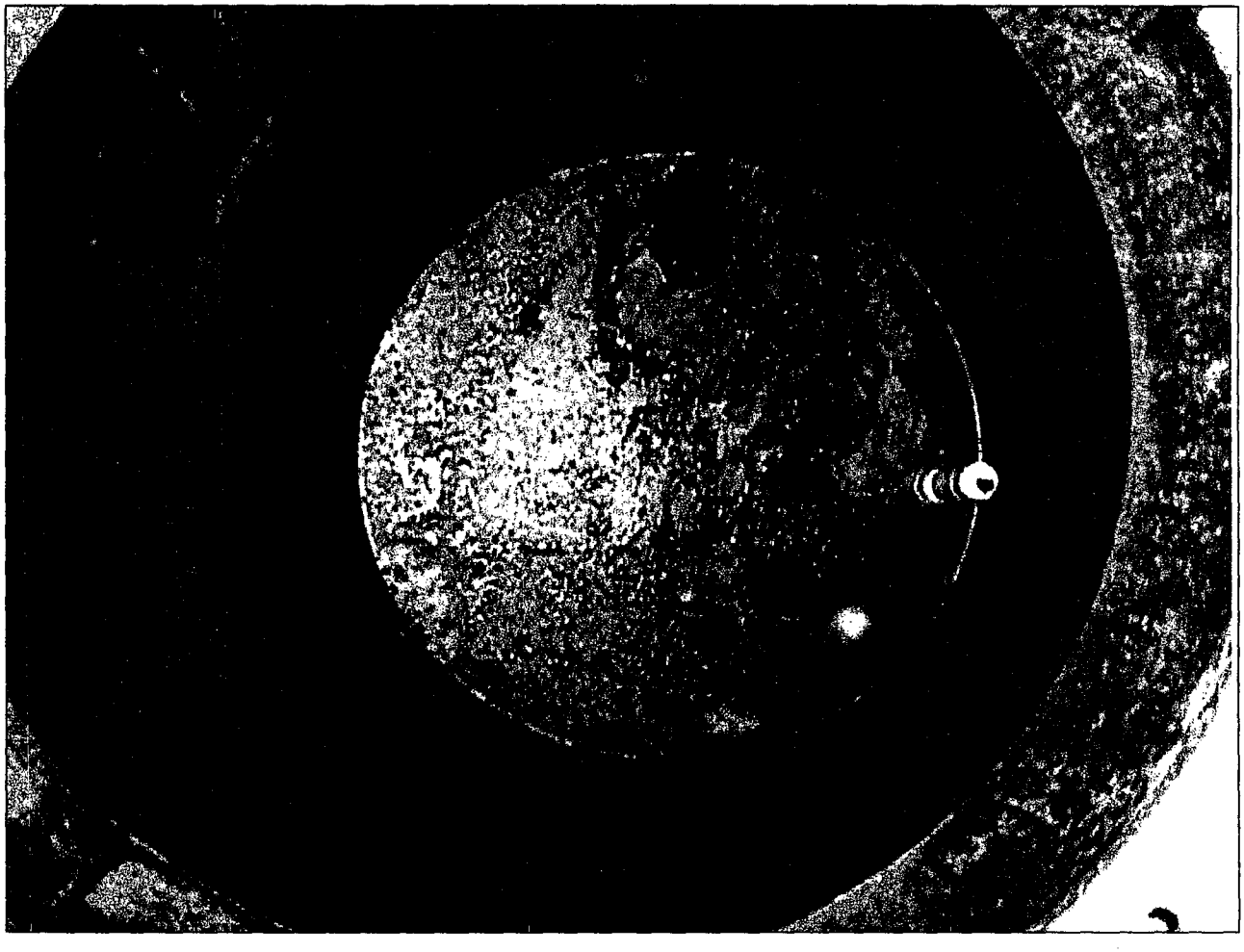
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Frances Mesa*
Section:	27
Township	30N
Range:	7W
Date of Inspection:	5/27/99
Plan Expiration Date:	6/9/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

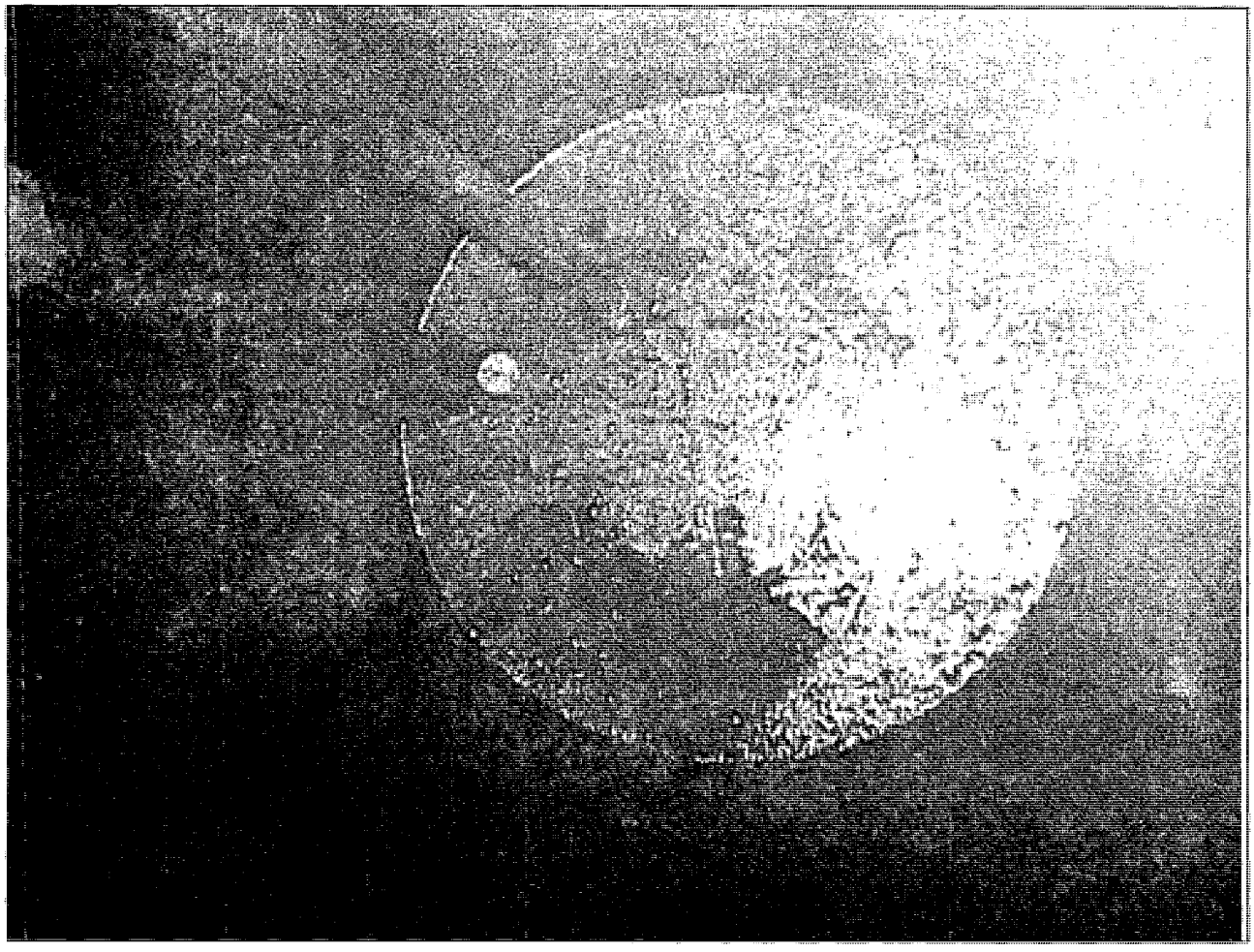
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Gobernador Compressor*
Section:	10
Township	31N
Range:	7W
Date of Inspection:	5/26/99
Plan Expiration Date:	1/11/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

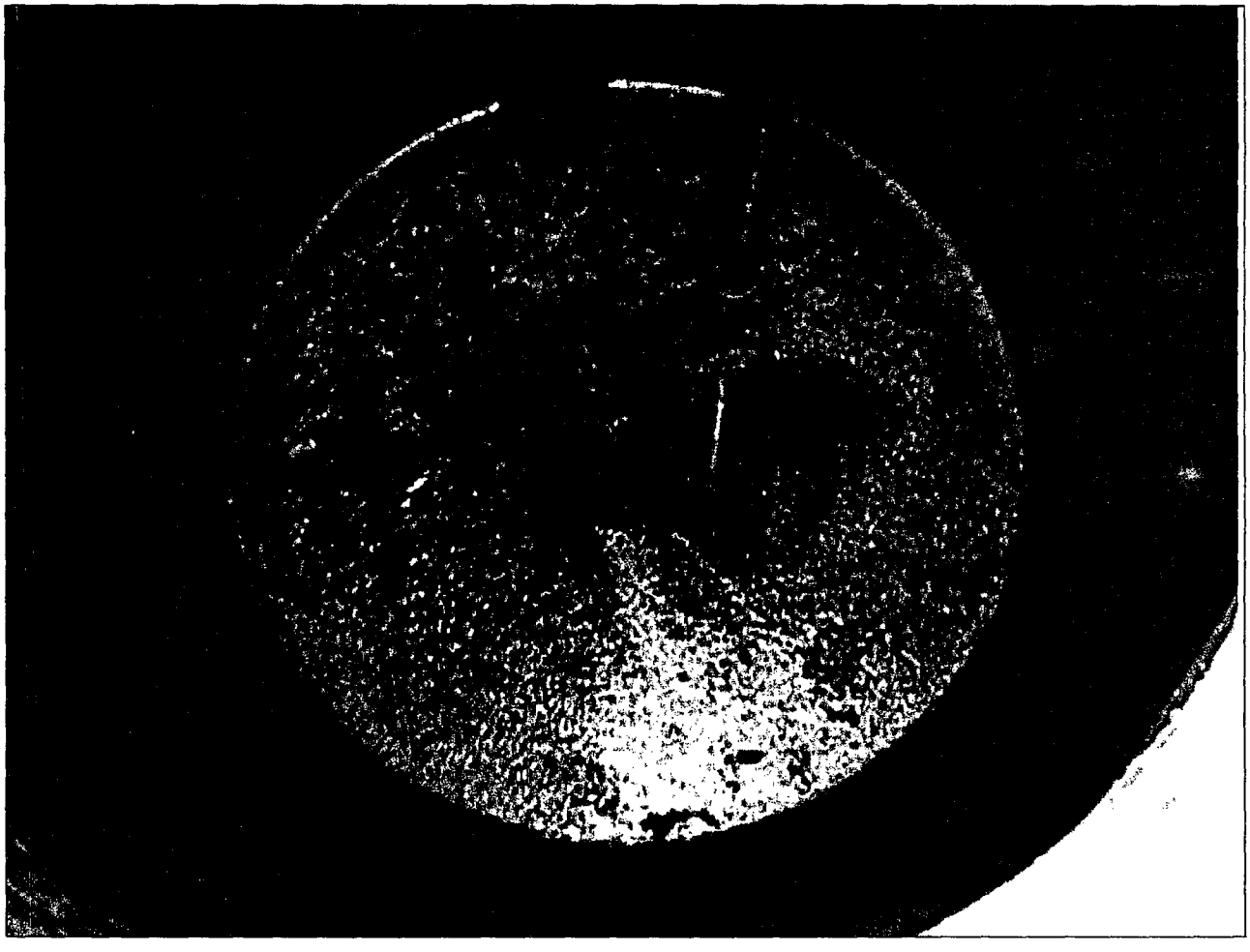
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Hart Canyon*
Section:	20
Township	31N
Range:	10W
Date of Inspection:	5/26/99
Plan Expiration Date:	0/11/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector:

Environmental Representative

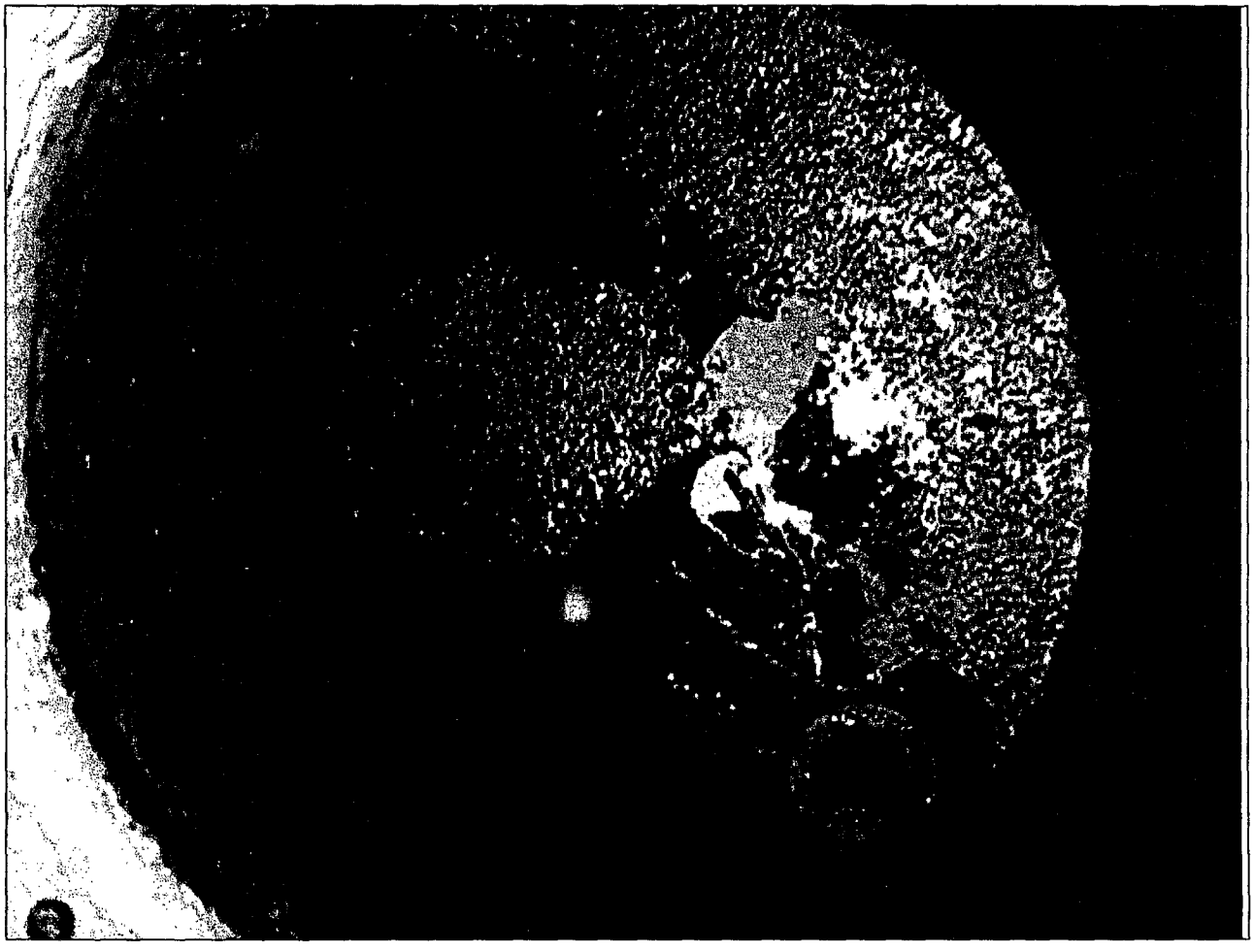
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Manzanares*
Section:	4
Township	29N
Range:	8W
Date of Inspection:	5/27/99
Plan Expiration Date:	0/11/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

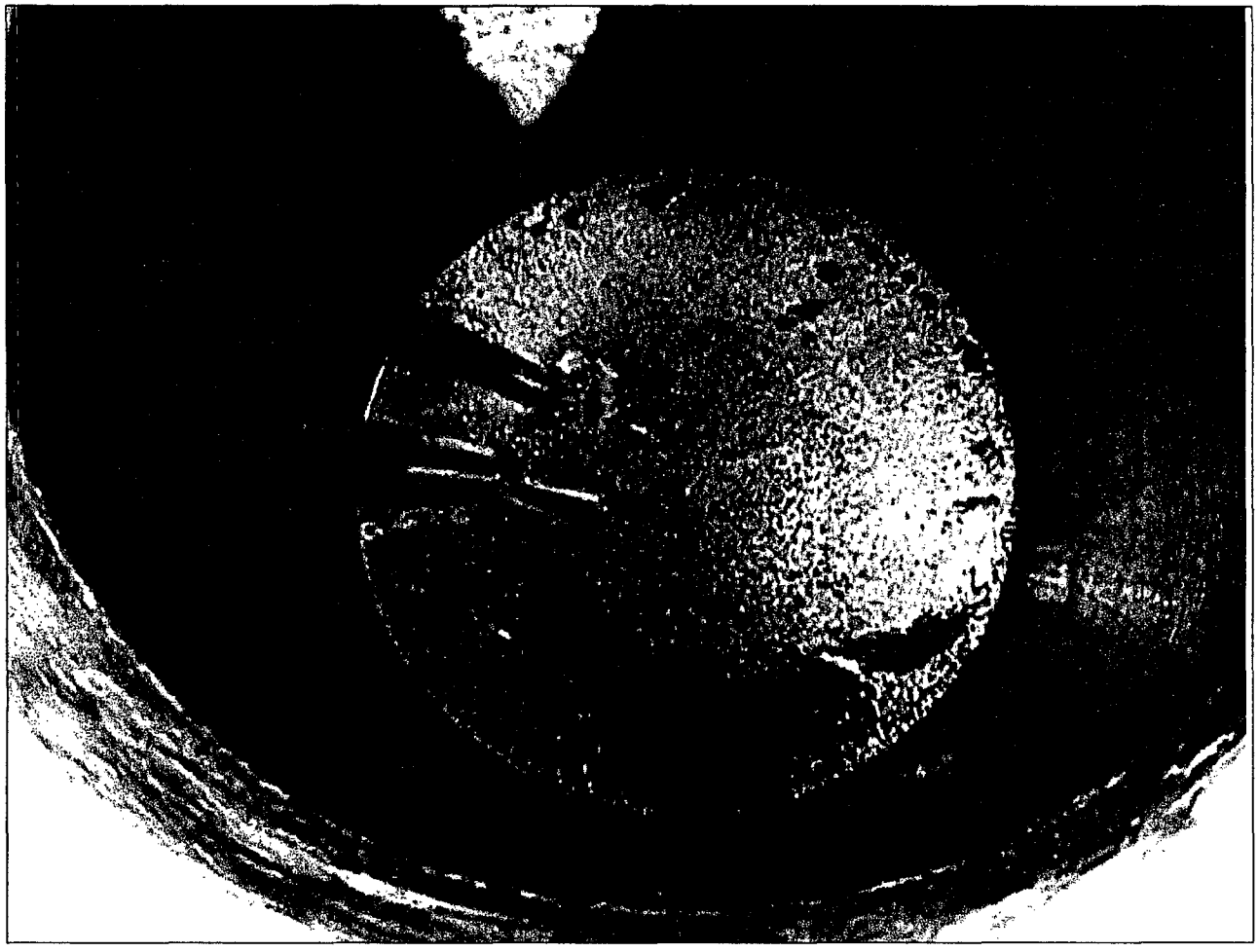
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Middle Mesa Compressor*
Section:	10
Township	31N
Range:	7W
Date of Inspection:	5/26/99
Plan Expiration Date:	1/14/01
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

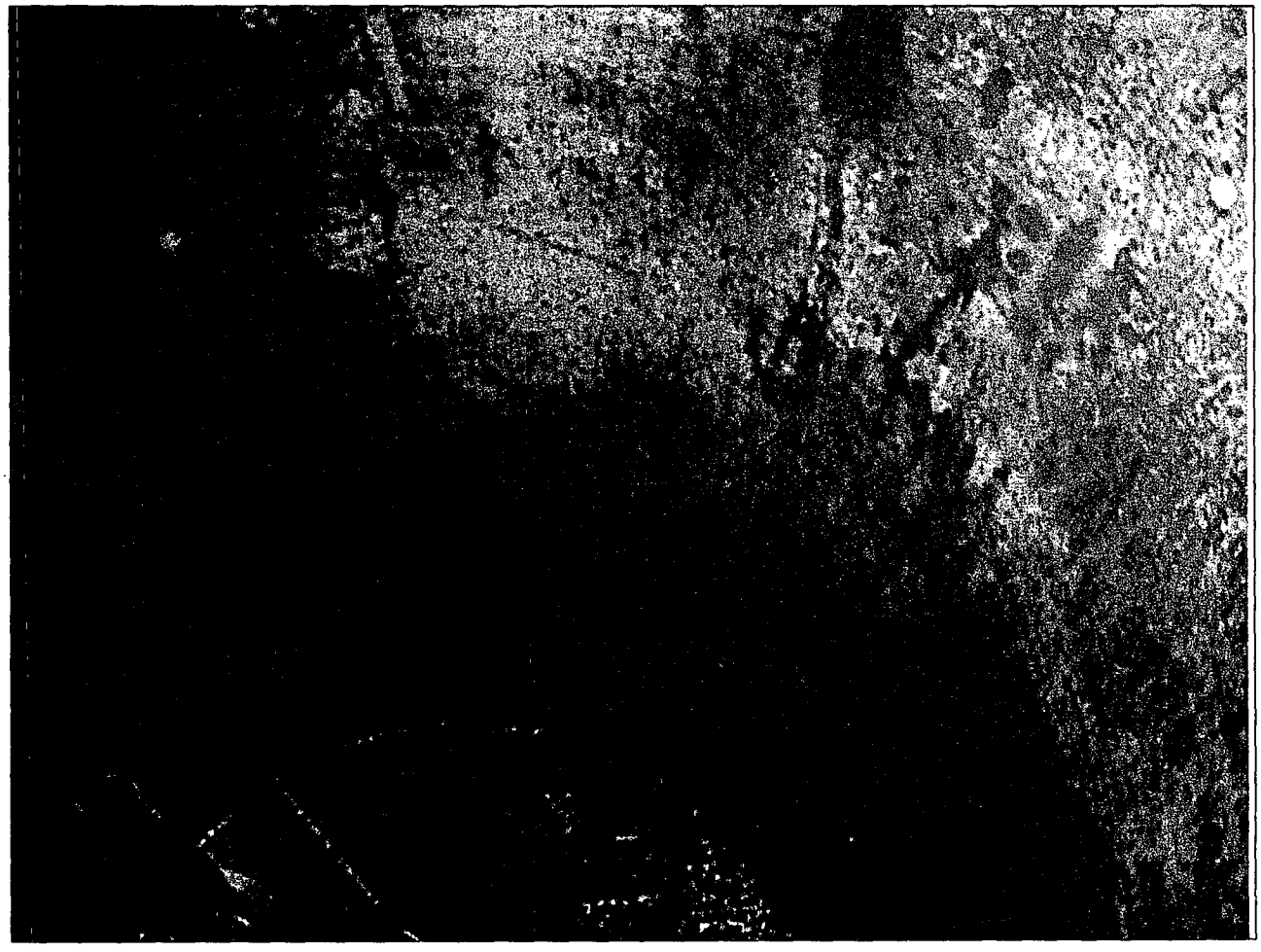
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Pump Canyon*
Section:	24
Township	30N
Range:	9W
Date of Inspection:	5/25/99
Plan Expiration Date:	11/7/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

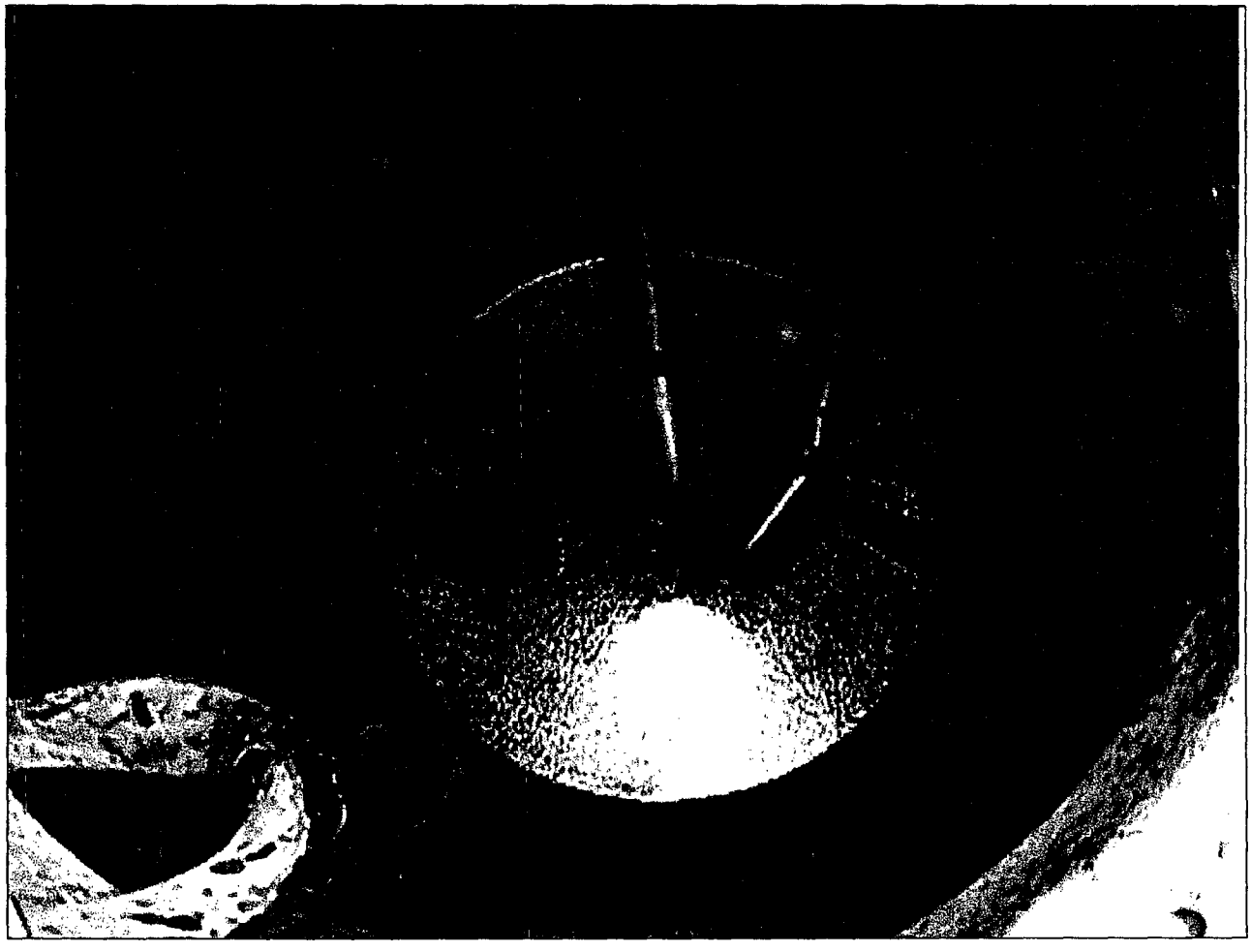
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Pump Mesa*
Section:	27
Township	30N
Range:	7W
Date of Inspection:	5/25/99
Plan Expiration Date:	8/19/03
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections. OCD was not present.*

Inspector: _____
Environmental Representative

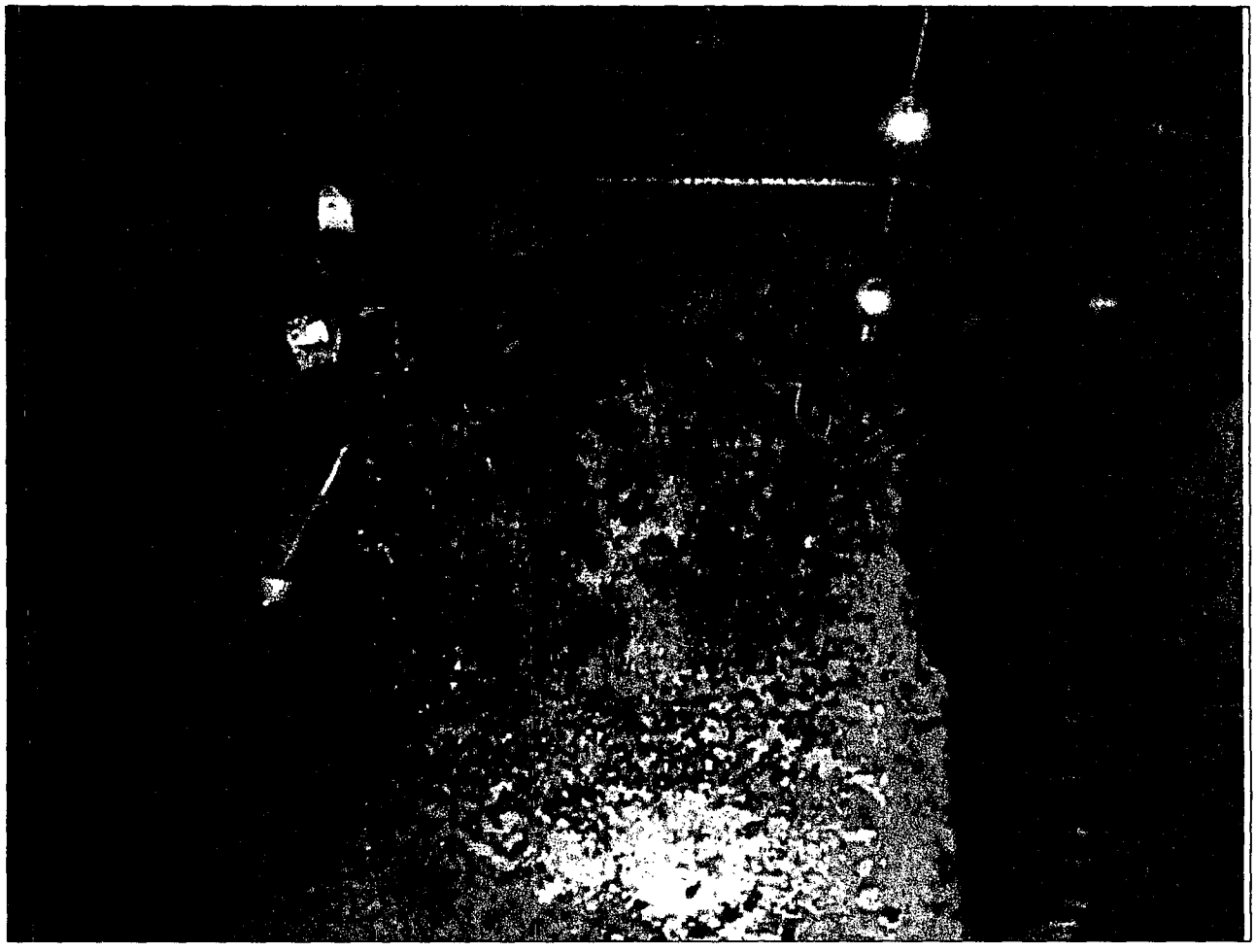
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Quinn*
Section:	16
Township	31N
Range:	8W
Date of Inspection:	5/25/99
Plan Expiration Date:	8/9/01
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Rattlesnake*
Section:	10
Township	31N
Range:	7W
Date of Inspection:	5/25/99
Plan Expiration Date:	1/17/02
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:

Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Sims Mesa*
Section:	22
Township	30N
Range:	7W
Date of Inspection:	5/27/99
Plan Expiration Date:	8/19/03
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:

Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector: _____
Environmental Representative

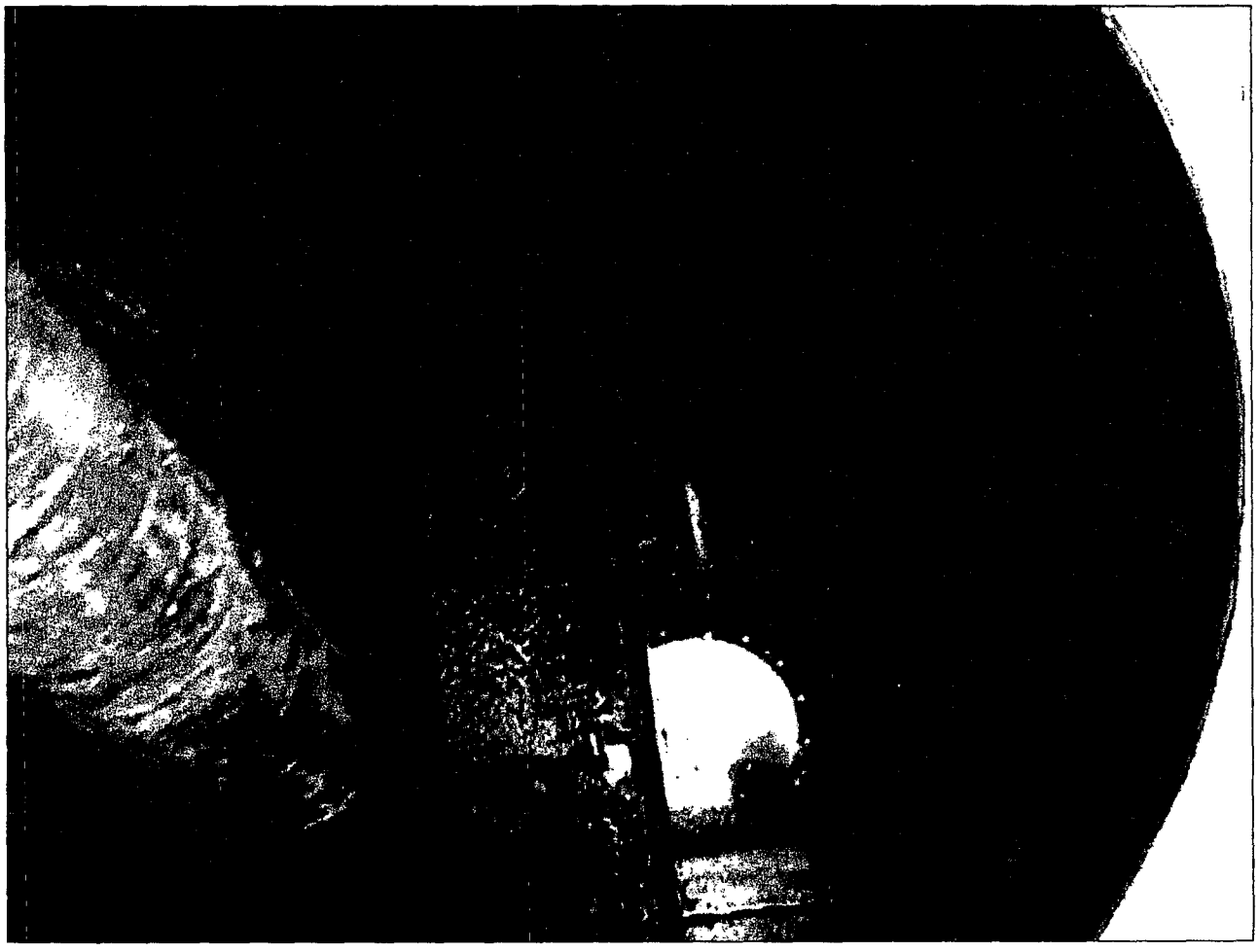
Discharge Plan Sump Inspections

Burlington Resources, San Juan Division
3535 East 30 th Street
P.O. Box 4289
Farmington, NM 87499-4289

Revision Date: Tuesday, June 01, 1999

Compressor Station:	*Sandstone*
Section:	32
Township	31N
Range:	8W
Date of Inspection:	5/25/99
Plan Expiration Date:	6/9/00
OCD Notified Date:	5/18/99 Written Correspondence to Santa Fe

Photograph:



Comments: *No problems were observed. Kevin Johnson was present for all sump inspections.*

Inspector:

Environmental Representative

BURLINGTON RESOURCES

SAN JUAN DIVISION

December 23, 1998

Certified Mail: P 103 090 740

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

Attention: Wayne Price

Re: Pump Mesa and Sims Mesa Waste Water Line Testing Results

Dear Mr. Price:

Per your correspondence dated November 19 1998, the purpose of this correspondence is to provide OCD with current testing results for the underground lines and sumps at Pump Mesa and Sims Mesa.

The attached spreadsheet identifies the results that were achieved during the testing of the lines as well as documenting the testing duration, pressure, and line location. The purpose for completing the testing was to comply with OCD Discharge Plan special conditions defined in Condition 8 and 9.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Greg Kardos
Ken Johnson
Bill McGaha
Denny Foust, OCD District Office
Correspondence
Pump Mesa Correspondence
Sims Mesa Correspondence

JTS:

BURLINGTON RESOURCES

SAN JUAN DIVISION

December 4, 1998

Certified Mail: P 103 693 155

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

Attention: Wayne Price

Re: Pump Mesa and Sims Mesa Waste Water Line Testing Completion

Dear Mr. Anderson:

The purpose of this correspondence is to notify the OCD of the date for completing the integrity waste water line testing at Sims Mesa and Pump Mesa Compressor Stations.

The line testing is scheduled for December 10 1998 at 9:00 a.m. and will be initiated at Sims Mesa with Pump Mesa being the last station tested that day. The test will be completed in accordance to the correspondence describing the testing procedure sent to Roger Anderson November 10 1998 and approved by OCD in a letter dated November 19 1998. In writing this letter it is Burlington Resources intentions to comply with the 72 hour prior to testing OCD notification written in Condition 8.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Greg Kardos
Ken Johnson
Bill McGaha
Denny Foust, OCD District Office
Correspondence
Pump Mesa Correspondence
Sims Mesa Correspondence
Faxed 12/4/98 to Wayne Price

JTS:

BURLINGTON RESOURCES

SAN JUAN DIVISION

December 7, 1998

Certified Mail: P 103 693 165

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

Attention: Wayne Price

Re: Pump Mesa and Sims Mesa Waste Water Line Testing Completion

Dear Mr. Anderson:

Due to Operator scheduling conflicts, the purpose of this correspondence is to notify the OCD of the date change for completing the integrity waste water line testing at Sims Mesa and Pump Mesa Compressor Stations.

The line testing has been re-scheduled for December 16 1998 at 9:00 a.m. and will be initiated at Sims Mesa with Pump Mesa being the last station tested that day. The test will be completed in accordance to the correspondence describing the testing procedure sent to Roger Anderson November 10 1998 and approved by OCD in a letter dated November 19 1998. In writing this letter it is Burlington Resources intentions to comply with the 72 hour prior to testing OCD notification written in Condition 8.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Greg Kardos
Ken Johnson
Bill McGaha
Denny Foust, OCD District Office
Correspondence
Pump Mesa Correspondence
Sims Mesa Correspondence
Faxed 12/4/98 to Wayne Price

JTS:

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

Certified Mail
Return Receipt No. P 288 259 087

November 19, 1998

Mr. Jeffery T. Schoenbacher
Environmental Representative
Burlington Resources (BR)
P.O. Box 4289
Farmington, New Mexico 87499-4289

Re: Pump Mesa (GW-148) and Sims Mesa (GW-146) Waste Water Line Testing

Dear Mr. Schoenbacher:

New Mexico Oil Conservation Division (NMOCD) is in receipt of your letter dated November 10, 1998 concerning the above referenced sites. **The proposed procedure for pressure testing the underground lines is hereby approved with the following condition:**

* The site glass designated filling mark shall be elevated a sufficient distance above the pipe to be equivalent to a static head pressure of 3 psi on the piping system.

If you require any further information or assistance please do not hesitate to call (505-393-6161) or write this office.

Sincerely Yours,

Wayne Price-PES
NMOCD Environmental Bureau

wp:brtest1

cc: Denny Foust-NMOCD District III

BURLINGTON RESOURCES

SAN JUAN DIVISION

November 10, 1998

Certified Mail: P 103 693 148

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

Attention: Roger Anderson

Re: Pump Mesa and Sims Mesa Waste Water Line Testing Completion

Dear Mr. Anderson:

The purpose of this correspondence is to follow-up on Wayne Price's letter dated October 14, 1998, regarding the denial of the proposed "volume in volume out" test for the underground waste water line.

Per Mr. Price's letter, he stated that the proposed test method would have to demonstrate the underground lines were "leak free". Referring to the OCD Discharge Plan Condition #9, "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." As you are aware, the underground waste lines are constructed of PVC and are responsible for conveying waste to the point of origination to the point of accumulation and storage. Burlington Resource's valid concern to pressure testing these lines is exposing them to pressure could result to damaging the PVC line. Therefore, Burlington Resources is proposing to test the lines to verify "leak free" criteria by the following protocol:

1. There are two lines at Sims Mesa that flow into a common sump and these lines will be plugged at the end of the sump with balloon fittings.
2. At the entry point of the underground lines a threaded site glass column assembly will be installed and utilized as a monitoring point for the test.
3. After all exit points are sealed with balloon fittings, the underground lines will be filled with water to a common mark on the glass column assembly.
4. The site glass will be monitored for 30 minutes at the designated filling mark to verify the fluids retained in the PVC pipe do not leak.
5. The test will be deemed successful with the level not fluctuating from the test mark on the glass column.

This procedure is being proposed only for Sims Mesa Compressor Station's underground lines because at Pump Mesa Compressor Station the lines from the compressors to the sump are above ground and are not required to be tested. The only remaining underground line to be tested at Pump Mesa is one steel line that runs from the sump to the waste oil tank. This line will be pressure tested at the same date of the hydro test and will complete the underground testing for this facility. Upon completing all testing for both facilities a correspondence will be sent to your attention summarizing the test results for all lines.

In conclusion, I will await your reply regarding the above-mentioned testing procedure however, it is Burlington Resources intentions to have the lines tested by the end of December. Therefore, an expeditious reply would be greatly appreciated. I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Greg Kardos
Ken Johnson
Bill McGaha
Denny Foust, OCD District Office
Pump Mesa Correspondence
Sims Mesa Correspondence

JTS:

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

Certified Mail
Return Receipt No. Z 274 520 502

October 14, 1998

Mr. Jeffery T. Schoenbacher
Environmental Representative
Burlington Resources (BR)
P.O. Box 4289
Farmington, New Mexico 87499-4289

Re: Pump Mesa (GW-148) and Sims Mesa (GW-146) Waste Water Line Testing

Dear Mr. Schoenbacher:

New Mexico Oil Conservation Division (NMOCD) is in receipt of BR's letters dated September 15, and October 1, 1998 concerning testing underground waste water lines. The NMOCD has reviewed your procedure and request for determining mechanical integrity of the underground PVC lines. It appears BR's method is void of any quality assurance/control measuring equipment, checks only the flow and residual holding characteristics of the system, does not verify or assumes the actual amount being lost is not to the vadose zone and particularly fails to actually check the mechanical integrity of the pipe which has a discreet engineering and industry meaning. Therefore BR's procedure does not meet the minimum requirements as contained in BR's discharge plans GW-148 (Pump Mesa) and GW-146(Sims Mesa) and is unacceptable to the NMOCD at this time. **Therefore your request is hereby denied.**

Please make arrangements to meet these minimum requirements and notify this office and the OCD Aztec District 72 hours before testing. Please provide to the NMOCD documented results of all test within 60 days of receipt of this letter.

The NMOCD recommends in the future that other various methods used to check mechanical integrity be approved before testing. Other methods will have to demonstrate that underground waste water lines be leak free and these methods must be based on current sound engineering/industry principals and practices.

Sincerely,

Wayne Price

Wayne Price-PES
NMOCD Environmental Bureau

wp:brtest

cc: NMOCD District III-Aztec

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

JEFFERY T. SCHOENBACHER
BURLINGTON RESOURCES
P.O. Box 4289
FARMINGTON, NM 87499-4289

4a. Article Number

2-274-520-502

4b. Service Type

☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

10-19-98

5. Received By: *(Print Name)*

Judith Dee

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*

X Judith Dee

PS Form **3811,** December 1994 102595-98-B-0229 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

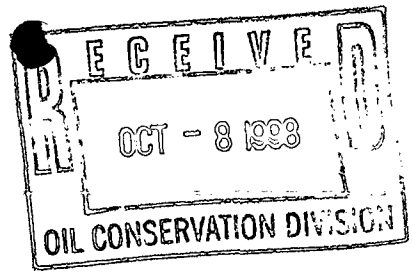
Thank you for using Return Receipt Service.

CROSS REFERENCE
GW-146 & 143

BURLINGTON RESOURCES

SAN JUAN DIVISION

October 1, 1998



Certified Mail: P 103 693 138

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

Attention: Roger Anderson

Re: Pump Mesa and Sims Mesa Sump Integrity Waste Water Line Testing Completion

Dear Mr. Anderson:

The purpose of this correspondence is to provide your office with written notice that Pump Mesa and Sims Mesa Compressor Station's wastewater line completion testing is scheduled for October 7, 1998 at 10:00 a.m.

As required under OCD Discharge Plan Condition #9, "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." As you are aware, the PVC lines that convey waste from the compressors to the sump were tested September 1, 1998. However, the steel underground line that runs from the sump to the tank was not tested due to time constraints. Therefore, to further comply with Condition #9, this line will be tested to demonstrate the integrity of the line. Since this line is comprised of steel, the unit will be pressure tested up to at least 5 p.s.i. for 30 minutes during the demonstration. By providing notice to OCD regarding this test, it is Burlington Resources intentions to comply with the "72 hours prior to all testing" notification requirement contained in Condition #9.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Greg Kardos
Ken Johnson
Bill McGaha
Denny Foust, OCD District Office

JTS:

BURLINGTON RESOURCES
SAN JUAN DIVISION

OIL CONSERVATION DIV.
98 SEP 18 PM 2:29

September 15, 1998

Certified Mail: P 160 190 742

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

Attention: Roger Anderson
GW-148

Re: Pump Mesa and Sims Mesa Sump Integrity Inspections and Waste Water Line Testing

Dear Mr. Anderson:

The purpose of this correspondence is to inform you of the sump and drain line tests that were completed to comply with Pump Mesa and Sims Mesa Discharge Plan conditions.

On September 1, 1998, myself, Bill Mc Gaha, Bruce Gantner and Denny Foust arrived at Sims Mesa to oversee the visual inspection of the wastewater sump and test the wastewater pipelines that convey liquid waste to the sump. The purpose of the test was to comply not only with the terms and conditions of the original OCD Discharge Plans, but also to satisfy conditions 8 and 9 of the updated plans that were received with Pump Mesa and Sims Mesa approval letters. To complete the visual inspection of the sump, Scat Hot Wash was employed to pressure wash the interior. After the unit was steam cleaned, the residual liquid was pumped out to allow all areas of the sump to be examined. During the sump inspection no pitting of the steel was observed and the welds appeared to be adequate for sustaining structural integrity.

Regarding the underground sump lines that convey liquid waste from the compressors to the sump, two lines are in place for each compressor. These lines are approximately 75' long and were constructed of PVC from the point of entry to the point of discharge. After the sump was examined, the drain valves were washed down with hot water to remove sludge and debris. The sump was then pumped again to remove the debris and the lines were allowed to drain until the flow was reduced to drippage. To measure the test volume of water poured down the drain lines, one poly-drum with gallon increments stenciled on the side was used to obtain the exact amount. The drum was filled with 50 gallons of water and then poured down the first entry point of the drain line and allowed to drain to the sump for approximately 20 minutes. In order to recover the liquid, a pump truck was utilized to recover the liquid and return it to the measurement drum. As a result of this process, 47 gallons of test water was recovered from the first drain. For the second drain, the same method of application was employed and 48 gallons of water was recovered. Both tests of the two lines recovered >90% efficiency for the water that was poured into the entry point.

With regard to the minimal loss of the test water (i.e., 3 and 2 gallons respectively), the losses were attributed to liquid contained in the entry point filter trap and residual surface residue in the sumps that could not be recovered. However, Burlington Resources verified through this test that liquid waste conveyed by the two drain lines demonstrates the mechanical integrity of the drain lines from the point of entry to the point of discharge. The PVC lines when installed were specifically constructed for conveying waste and were not designed to retain pressure. The test of exposing the drain lines to pressure could potentially damage the PVC line or cause a joint seal to fail, therefore, damaging a once secure drain line. As a result, Burlington Resources is requesting OCD acceptance of this test for verifying the line is sound and functional for it's intended constructed purpose.

The drain lines that have yet to be tested include, Pump Mesa and the steel lines that span from the sump to the waste oil tanks. Since the lines that run from the sump to the waste oil tank are steel, these lines will be pressurized to > 3 psi for over 30 minutes to verify integrity. The Pump Mesa drain lines were not tested due to time restrictions for the day. However, Pump Mesa's sump was inspected that day and again the integrity of the unit appeared to be in sound condition.

I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Ken Johnson
Greg Kardos
Bill McGaha
Denny Foust, OCD District Office
Pump Mesa/Sims Mesa File

JTS:

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 24, 1998

Certified Mail: P 103 693 126

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

Attention: Roger Anderson

Re: Pump Mesa and Sims Mesa Sump Integrity Inspections and Waste Water Line Testing

Dear Mr. Anderson:

The purpose of this correspondence is to provide your office with written notice that Pump Mesa and Sims Mesa compressor station has scheduled sump integrity inspections for September 1, 1998 at 10:00 a.m.

As required under OCD Discharge Plan Condition #8, "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". As a result, to comply with this condition the above date has been scheduled for cleaning out the sumps and visually inspecting each unit. Before the inspection commences, the sumps will be completely emptied and the lids removed to allow access into each unit. Furthermore, each unit will be tagged out and screened for confine space entry.

After the sumps are inspected, the underground wastewater pipelines will be tested to demonstrate their integrity. Since the underground lines are gravity based lines and are not designed to retain pressure, Burlington Resources is proposing to test the integrity by using a "volume in", "volume recovered" testing method. The test would be initiated by pouring 42 gallons of water down the entry point of the sump drain to develop the wetting factor within the line. Upon recovering the initial 42-gallon application, a second 42 gallons of water will be poured down the entry point of the drain and measured at the sump. Upon recovering the liquid from the second application, Burlington Resources will measure the recovered volume and will deem the test successful at 90% recovery.

By providing written notice to OCD regarding this test, it is Burlington Resources intentions to comply with the "72 hours prior to all testing" notification requirement contained in Condition #8. I thank you for your time and consideration and should you have any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Ken Johnson
Denny Foust, OCD District Office

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/12/98.

or cash received on _____ in the amount of $ 395.00

from Burlington

for Pump Mesa CS (Facility Name) GW-148 (GP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: [signature] Date: 6/18/98

Received in ASD by: R Date: _____

Filing Fee ___ New Facility ___ Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 98

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

2 of 2

BURLINGTON RESOURCES
801 CHERRY STREET - SUITE 200
FORT WORTH, TEXAS 76102-6842

Citibank (Delaware)
A subsidiary of Citicorp
ONE PENN'S WAY
NEW CASTLE, DE 19720

62-20
311

[redacted]
CHECK NO.

VENDOR NO.
131590

DATE	AMOUNT
03/12/98	****$395.00

VOID IF NOT PRESENTED FOR PAYMENT WITHIN 60 DAYS

PAY TO THE ORDER OF

NEW MEXICO ENERGY
MINERALS & NATURAL
RESOURCES DEPT
2040 SOUTH PACHECO ST
SANTA FE, NM 87505

Everett D DeBois

[redacted]

BURLINGTON RESOURCES
801 CHERRY ST. - SUITE 200 * FORT WO[redacted], TX 76102-6842

For Questions Please Call
(505) 326-9519

CONTROL NO.	REFERENCE INVOICE	REFERENCE DATE	PAID ON BEHALF OF	DUE VENDOR
420793266	RFC	980310	BRGI	395.00

Pump MESA CS
GW-148

VENDOR NO. 131590 CHECK NO. [redacted]

TOTAL 395.00

AFFIDAVIT OF PUBLICATION

No. 39334

STATE OF NEW MEXICO
County of San Juan:

DENISE H. HENSON being duly sworn says: That she is the Classified Manager of THE DAILY TIMES, a daily newspaper of general circulation published in English at Farmington, said county and state, and that the hereto attached Legal Notice was published in a regular and entire issue of the said DAILY TIMES, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s)

Wednesday, April 8, 1998

and the cost of publication is: $ 63.56

Denise H. Henson

On 4-10-98 DENISE H. HENSON appeared before me, whom I know personally to be the person who signed the above document.

Reese Nelson

My Commission Expires November 1, 2000

COPY OF PUBLICATION

Legals

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission 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-148) Burlington Resources, Jeff Schoenbacher, (505) 326-9537, P.O. Box 4289, Farmington, New Mexico, 87499-4289, has submitted a discharge application for its previously approved discharge plan for the Pump Mesa Compressor Station located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of waste water is stored in above ground closed top steel tanks prior to disposal at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 16 feet with a total dissolved solids concentration of approximately 7,843 mg/l. The discharge 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 31st day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/Roger Anderson for
SEAL **LORI WROTENBERY, Director**

Legal No. 39334, published in The Daily Times, Farmington, New Mexico, on Wednesday, April 8, 1998.

OK MJ
4-23-98

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

NM OCD
ATTN: SALLY MARTINEZ
2040 S. PACHECO ST.
SANTA FE, NM 87505

AD NUMBER: 18763 ACCOUNT: 56689
LEGAL NO: 63284 P.O. #: 98-199-000257

RECEIVED
APR - 9 1998

166 LINES ONCE at $ 66.40
Affidavits: 5.25
Tax: 4.48
Total: $ 76.13

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-148) - Burlington Resources, Jeff Schoenbacker, (505) 326-9537, P.O. Box 4289, Farmington, New Mexico, 87499-4289, has submitted a discharge application for its previously approved discharge plan for the Pump Mesa Compressor Station located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of waste water is stored in above ground closed top steel tanks prior to disposal at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 16 feet with a total dissolved solids concentration of approximately 7,843 mg/l. The discharge 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 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 31st day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY, Director

Legal #63284
Pub. April 6, 1998

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, BETSY PERNER being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 63284 a copy of which is hereto attached was published in said newspaper once each WEEK for ONE consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 6 day of APRIL 1998 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betsy Perner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 6 day of APRIL A.D., 1998

Notary B. Mathie
Commission Expires 3-13-2001

OFFICIAL SEAL
B. MATHIE
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 3-13-2001

OK MA
4-14-98

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 1, 1998

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

Re: Notice of Publication

PS Form 3800, April 1995

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

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

P 410 431 056

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 April 8, 1998.

Sincerely,

Sally Martinez

Sally Martinez
Administrative Secretary

Attachment

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 1, 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 Monday, April 6, 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-148) Burlington Resources, Jeff Schoenbacher, (505) 326-9537, P.O. Box 4289, Farmington, New Mexico, 87499-4289, has submitted a discharge application for its previously approved discharge plan for the Pump Mesa Compressor Station located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Approximately 5 gallons per day of waste water is stored in above ground closed top steel tanks prior to disposal at an OCD approved site. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 16 feet with a total dissolved solids concentration of approximately 7,843 mg/l. The discharge 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 31st day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

S E A L

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 31st day of March 1998.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Roger Anderson

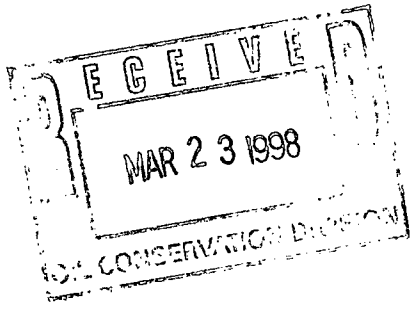
for LORI WROTENBERY, Director

S E A L

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 9, 1998



Certified Mail: P 103 693 187

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

Re: Pump Mesa GW-148 Discharge Plan Renewal and Supplementary Information

Dear Mr. Ashley:

Thank you for your correspondence dated February 24, 1998, regarding Pump Mesa Compressor Station's discharge plan renewal. The purpose of this correspondence is to renew the Discharge Plan and provide additional information regarding the disposal of exempt and non-exempt waste streams.

Currently, there have been no changes to Pump Mesa system, therefore, this letter is to submit the appropriate renewal fees for this facility. Per your letter, enclosed please find a money order for $395.00 that comprises of the $50.00 filing fee and the flat fee of $345.00 for compressor stations.

Regarding the supplementary information for the waste streams, recently, the Pump Mesa Compressor Station is in the process of re-profiling filter cartridge waste streams that are generated from the production of natural gas. As a result, the following process filters were obtained and analyzed for TCLP metals, TCLP volatiles, and the OCD requirement for Naturally Occurring Radioactive Material (NORM):

Waste	Exempt	Non-Exempt	Disposal Location	Function
Compressor Intake-Filter		X	Municipal Landfill	Compressor Air-Intake Filter
Inlet Filter	X		Municipal Landfill	First stage of gas entry filters particulate from gas stream.
Coalescer Inlet Filter	X		Municipal Landfill	Second stage of filtering gas stream.
Oil Filter		X	Municipal Landfill	Filters particulate from oil.
Engine Air-Intake Filter		X	Municipal Landfill	Filters air
Glycol Filter	X		Municipal Landfill	Filters particulate from the glycol.
Rags		X	Municipal Landfill	Generated during maintenance activities.
SWD Filter	X		Municipal Landfill	Filtering SWD water
Absorbent Boom		X	Municipal Landfill	Absorbs liquid material

3535 East 30th St., 87402-8801, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

With the exception of the oil filters, air intake filters, rags, and absorbent booms, the units that were analyzed all qualify for the hazardous waste exemption contained in 40 CFR 261.4 (b)(5). However, the attached analysis verifies that the above mentioned waste streams do not exhibit the characteristics of a hazardous waste. The parameters that were chosen for characterizing these waste streams were determined through "generators knowledge" defined under 40 CFR 262.11 (c) (2). Furthermore, as stated above, the remaining filters will be profiled with a municipal landfill and disposed of locally after being drained for 24 hours. Recently, these filters were profiled with Waste Management and are identified under the profile number WMI 401866. Regarding the parameters that were chosen for analyzing the filters, TCLP metals, TCLP volatiles, and NORM were selected for characterizing the process filters. The remaining waste streams were analyzed for TCLP volatiles, since the likelihood of other TCLP contaminants was negated through "generators knowledge".

I thank you for your time and consideration and should you any questions regarding this correspondence please feel free to contact me at 505-326-9537.

Sincerely,

Jeffery T. Schoenbacher
Environmental Representative

CC: Bruce Gantner
Ed Hasely
Bruce Voiles
Denny Foust, OCD, Aztec
Discharge Plans GW-51, 56, 57, 58, 59, 77, 93, 146, 148, 183, 193, 194, 239, 255, 158

JTS:

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 17, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-047

Mr. Jeff Schoenbacher
Burlington Resources Oil and Gas Company
P.O. Box 4289
Farmington, NM 87499-4289

RE: Supplemental Information for Discharge Plans GW-51, 56, 57, 58, 59, 77, 93, 146, 148, 183, 193, 194, 239, 255, 258
Disposal of Process Filters at the San Juan County Landfill
San Juan County, New Mexico

Dear Mr. Schoenbacher:

The New Mexico Oil Conservation Division (OCD) has reviewed the Burlington Resources Oil and Gas Company (Burlington) requests dated February 26, 1998, March 9, 1998 and March 17, 1998 for disposal of process filters from the above mentioned facilities at the San Juan County Landfill. Based on the information provided, your disposal request is approved with the following conditions:

1. All wastes must tested for hazardous constituents according to EPA approved methods.

2. The wastes are not unique to the oil and gas industry and non-hazardous.

3. Disposal approval will be for the duration of each individual discharge plan approval period.

4. The waste will be accompanied by a "Certification of Waste Status" that states that the waste not otherwise exempted pursuant to 20 NMAC 3.1 Subpart 1403, has been surveyed for Naturally Occurring Radioactive Material (NORM) ant that the maximum radiation exposure reading and NORM concentrations do not exceed that listed in 20 NMAC 3.1 Subpart 1403.C and D. If the waste surveyed for NORM, the survey results must be included with the certification.

BURLINGTON RESOURCES

ENVIRONMENTAL/SAFETY DEPARTMENT

3535 East 30th Street, Farmington NM 87401
P.O. Box 4289, Farmington, NM 87499
(505) 326-9700 Fax: (505) 326-9725

DATE: March 17, 1998

TO: Mark Ashley

COMPANY: OCD

FAX: 827-8177

FROM: Jeff Schoenbacher

NO. OF PAGES (including cover): 3

COMMENTS OR SPECIAL INSTRUCTIONS:
Mark per our request, these are the volatile parameters for the filters.

Therefore, at your convenience could you look over the analysis for the waste so I can proceed to profile the waste streams with Waste Management. It would be greatly appreciated. We are to capacity, since the material has not been disposed, as a result of waiting for the analysis. I can reach me at 505-326-9537.

Thanks,
Jeff Schoenbacher
BR Fax # 326-9725

Please call me at 326-9537 if you have any questions.

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: SWD Filter
Project ID: SWD Facility
Lab ID: B980955 0398C00990
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 03/02/98
Date Received: 03/04/98
Date Extracted 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethane	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane d4	98		80 - 120	
Toluene-d8	117 ##		88 - 110	
Bromofluorobenzene	86 ##		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits due to matrix/dilution effect.

SWD Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.G. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Amine Meck Filter
Project ID: Valverde Plant
Lab ID: B980038 0398G00588
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	POL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L

QUALITY CONTROL - Surrogate Recovery	%	QC Limits
1,2-Dichloroethane-d4	105	80 - 120
Bromofluorobenzene	93	86 - 115
Toluene-d8	106	88 - 110

ND - Not Detected at Practical Quantitation Level (POL)

Amine Meck Filter

Reference: Method 8260A, Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Horizontal Inlet Filter
Project ID: Valverde Plant
Lab ID: B980639 0398600668
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	104		80 - 120	
Bromofluorobenzene	99		86 - 115	
Toluene-d8	102		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Horizontal Inlet Filter

References: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Coalescer Inlet Filter
Project ID: Valverde Plant
Lab ID: B980640 0398G00570
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	132 ##		80 - 120	
Bromofluorobenzene	107		86 - 115	
Toluene-d8	110		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits due to matrix/dilution effect.

Coalescer Inlet Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSI VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Hot Oil Filter
Project ID: Valverde Plant
Lab ID: B980641 0398G00671
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	0.031	0.03	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	%		QC Limits	
1,2-Dichloroethane-d4	113		80 - 120	
Bromofluorobenzene	107		88 - 116	
Toluene-d8	107		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Hot Oil Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Bag Filter
Project ID: Valverde Plant
Lab ID: B980642 039BG00677
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
1,1 Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane d4	112		80 - 120	
Bromofluorobenzene	106		86 - 115	
Toluene-d8	102		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Bag Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.V. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Oil Filter
Project ID: 40 CFR 262.11
Lab ID: B980853 03-0791
Matrix: Filter

Date Reported: 03/15/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/03/98
Date Analyzed: 03/06/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	0.021	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/l
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane d4	119		80 - 120	
Bromofluorobenzene	105		86 - 115	
Toluene-d8	97		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Oil Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst C.O. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Norkool Coolant Filter
Project ID: 40 CFR 262.11
Lab ID: 8980864 03-0792
Matrix: Filter

Date Reported: 03/16/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/03/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/l
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	105		80 - 120	
Bromofluorobenzene	109		86 - 115	
Toluene-d8	100		88 - 110	

ND Not Detected at Practical Quantitation Level (PQL)

Nor Kool Koolant Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst C. D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Glycol Filter
Project ID: 40 CFR 262.11
Lab ID: 8980656 03-0794
Matrix: Filter

Date Reported: 03/16/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/03/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethene	ND	0.02	0.5	mg/L
2 Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	%		QC Limits	
1,2-Dichloroethane-d4	101		80 - 120	
Bromofluorobenzene	108		86 - 115	
Toluene d8	98		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Glycol Filter

References: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E O

Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
H&L VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Engine Filter
Project ID: 40 CFR 262.11
Lab ID: B980857 03-0796
Matrix: Filter

Date Reported: 03/16/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/l
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane d4	91		80 - 120	
Bromofluorobenzene	117 #		86 - 115	
Toluene-d6	89		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)
Surrogate Recovery not within control limits.

Engine Filter

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSI VOLATILE COMPOUNDS

Client	Burlington Resources			
Sample ID:	Comp Filter		Date Reported:	03/15/98
Project ID:	40 CFR 262.11		Date Sampled:	02/26/98
Lab ID:	B980858	03-0796	Date Received:	02/27/98
Matrix:	Filter		Date Extracted:	03/04/98
			Date Analyzed:	03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1 Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L

QUALITY CONTROL - Surrogate Recovery	%	QC Limits
1,2-Dichloroethane-d4	91	80 - 120
Bromofluorobenzene	114	86 - 115
Toluene-d8	98	88 - 110

ND - Not Detected at Practical Quantitation Level (PQL)

Compressor Filter

References: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E-V

Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Soak Pad
Project ID: 40 CFR 262.11
Lab ID: B9808859 03-07/98
Matrix: Pad

Date Reported: 03/15/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/L
1,2-Dichloroethane	ND	0.02	0.5	mg/L
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/L
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	99		80 - 120	
Bromofluorobenzene	115		86 - 115	
Toluene-d8	89		88 - 110	

ND - Not Detected at Practical Quantitation Level (PQL)

Soak Pad (Absorbed)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994

Analyst E. D. Reviewed

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Reg
Project ID: 40 CFR 262.11
Lab ID: B980860 03-0796
Matrix: Reg

Date Reported: 03/16/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
1,1-Dichloroethene	ND	0.02	0.7	mg/l
1,2-Dichloroethane	ND	0.02	0.5	mg/l
2-Butanone (MEK)	ND	0.1	200	mg/L
Benzene	ND	0.02	0.5	mg/L
Carbon Tetrachloride	ND	0.02	0.5	mg/L
Chlorobenzene	ND	0.02	100	mg/L
Chloroform	ND	0.02	6.0	mg/L
Tetrachloroethene (PCE)	ND	0.02	0.7	mg/l
Trichloroethene (TCE)	ND	0.02	0.5	mg/L
Vinyl Chloride	ND	0.02	0.2	mg/L

QUALITY CONTROL - Surrogate Recovery	%		QC Limits
1,2-Dichloroethane-d4	98		80 - 120
Bromofluorobenzene	125	##	86 - 115
Toluene d8	99	##	88 - 110

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits due to matrix/dilution effect.

Reg

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.W. Reviewed

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal	Time 7:45AM	Date 3-13-98
Originating Party		Other Parties
JEFF SCHOENBACHER - RETURNING MY CALL FROM 3-12-98 4pm		MARK ASHLEY

Subject: TCLP TESTING OF NON-EXEMPT FILTERS

Discussion: JEFF SENT US TCLP's FOR FILTERS AT VAL VERDE & PUMP MESA. HE DID NOT RUN THE FULL SUITE OF TCLP CONSTITUENTS CLAIMING "GENERATOR'S KNOWLEDGE."

Conclusions or Agreements: WE REQUIRE A FULL TCLP ON NON-EXEMPT. JEFF WILL COMPLY

Distribution

Signed Mark Ashley

BURLINGTON RESOURCES

ENVIRONMENTAL/SAFETY DEPARTMENT

3535 East 30th Street, Farmington NM 87401
P.O. Box 4289, Farmington, NM 87499
(505) 326-9700 Fax: (505) 326-9725

DATE: March 11, 1998

TO: Mark Ashley

COMPANY: OCD

FAX: ~~334-6170~~ 827-8177

FROM: Jeff Schoenbacher

NO. OF PAGES (including cover): 3

COMMENTS OR SPECIAL INSTRUCTIONS:

Mark per our conversation, I have drafted this letter concerning Pump Mesa Renewal for the discharge plan. However, I am waiting on a check, but the Waste streams that I have attached to the letter need to be disposed.

Therefore, at your convenience could you look over the analysis for the waste so I can proceed to profile the waste streams with Waste Management. It would be greatly appreciated. We are to capacity, since the material has not been disposed, as a result of waiting for the analysis. I can reach me at 505-326-9537.

Thanks,
Jeff Schoenbacher
BR Fax # 326-9725

Please call me at 326-9537 if you have any questions.

BURLINGTON RESOURCES

SAN JUAN DIVISION

March 9, 1998

New Mexico Energy, Minerals
& Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, NM 875050

Re: Pump Mesa GW-148 Discharge Plan Renewal and Supplementary Information

Dear Mr. Ashley:

Thank you for your correspondence dated February 24, 1998, regarding Pump Mesa Compressor Station's discharge plan renewal. The purpose of this correspondence is to renew the Discharge Plan and provide additional information regarding the disposal of exempt and non-exempt waste streams.

Currently, there have been no changes to Pump Mesa system, therefore, this letter is to submit the appropriate renewal fees for this facility. Per your letter, enclosed please find a money order for $395.00 that comprises of the $50.00 filing fee and the flat fee of $345.00 for compressor stations.

Pump Mesa CS

Regarding the supplementary information for the waste streams, recently, the ~~Val Verde facility~~ is in the process of re-profiling filter cartridge waste streams that are generated from the production of natural gas. As a result, the following process filters were obtained and analyzed for TCLP metals, Benzene, and the OCD requirement for Naturally Occurring Radioactive Material (NORM):

Waste	Exempt	Non-Exempt	Disposal Location	Function
Compressor Intake-Filter		X	Municipal Landfill	Compressor Air-Intake Filter
Inlet Filter	X		Municipal Landfill	First stage of gas entry filters particulate from gas stream.
Coalescer Inlet Filter	X		Municipal Landfill	Second stage of filtering gas stream.
Oil Filter		X	Municipal Landfill	Filters particulate from oil.
Engine Air-Intake Filter		X	Municipal Landfill	Filters air
Glycol Filter	X		Municipal Landfill	Filters particulate from the glycol.
Rags		X	Municipal Landfill	Generated during maintenance activities.
Absorbent Boom		X	Municipal Landfill	Absorbs liquid material

Laboratory Cover Letter

Inter-Mountain Laboratories, Inc.

2508 W. Main Street
Farmington, New Mexico 87401

Jeff Schoenbacher
Burlington Resources
3535 E. 30th St.
Farmington, NM 87402

March 6,1998

Mr. Schoenbacher:

Enclosed, please find the reports for the samples received by our laboratory for rush analysis on February 26, 1998.

If you have any questions about the results of the analyses, please don't hesitate to call me at your convenience.

We appreciate your business!

Sincerely,

Sharon Williams
Organics Lab Supervisor

Enclosure

xc: File

Inter-Mountain Laboratories, Inc.

2508 W. Main Street
Farmington, New Mexico 87401

BURLINGTON RESOURCES

Case Narrative

On February 26, 1998, eight samples were submitted to Inter-Mountain Laboratories - Farmington for rush analysis. The samples were identified by project "40 CFR 262.11", and were analyzed for the parameters indicated on the accompanying Chain of Custody document #51822.

It is the policy of this laboratory to employ, whenever possible, preparatory and analytical methods which have been approved by regulatory agencies. The methods used in the analyses of the samples reported herein are found in Test Methods For Evaluation of Solid Waste, SW-846, USEPA, 1986, and Methods For Chemical Analysis of Water and Wastes, EPA-600/4-79-020, USEPA, 1983.

Quality control reports appear at the end of the analytical package and may be identified by title. If there are any questions regarding the information presented in this package, please feel free to call at your convenience.

Sincerely,

Sharon Williams
Organics Lab Supervisor

Compressor Intake-Filter

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: Burlington Resources
Sample ID: Comp Filter
Project ID: 40 CFR 262.11
Lab ID: B980858 03-0796
Matrix: Filter

Date Reported: 03/06/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	91		80 - 120	
Toluene-d8	88		88 - 110	
Bromofluorobenzene	114		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Inlet Filter

Inter-Mountain Laboratories, Inc

2508 W. Main Street
Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL CONCENTRATION

Client:	**Burlington Resources**		
Project:	Val Verde Plant	Date Reported:	02/23/98
Sample ID:	Horizontal Inlet Filter	Date Sampled:	02/13/98
Laboratory ID:	0398G00569	Date Received:	02/13/98
Sample Matrix:	Filter	Date Analyzed:	02/19/98

Parameter	Result	Detection Limit	Regulatory Level	Units:
Arsenic	0.009	0.005	5	mg/L
Barium	1.85	0.01	100	mg/L
Cadmium	<0.004	0.004	1	mg/L
Chromium	0.12	0.01	5	mg/L
Lead	<0.05	0.05	5	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	<0.005	0.005	1	mg/L
Silver	<0.01	0.01	5	mg/L

ND- Analyte not detected at stated detection level.

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported By: _____ Reviewed: _____

Inter·Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Horizontal Inlet Filter
Project ID: Valverde Plant
Lab ID: B980639 0398G00569
Matrix: Filter

Date Reported: 02/19/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	104		80 - 120	
Toluene-d8	102		88 - 110	
Bromofluorobenzene	99		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. **Reviewed**

ARS AMERICAN RADIATION SERVICES, INC.

1726 Wooddale Court • Baton Rouge, Louisiana 70806
1 (800) 401-4277 • Fax (504) 927-6822

ARS Tracking Number:	ARS-98-0178	**P.O. Number:**	216528
Client I.D.:	G00569	**ARS Sample I.D.:**	ARS-98-0656
Date Sampled:	N/A	**Date Received:**	2/16/98
Time Sampled:	N/A	**Time Received**	1145
Type of Sample:	Solid	**Date of Report**	2/19/98

Analysis Description	Analysis Result	Analysis Error ±2σ	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	<0.60	N/A	0.60	pCi/gm	EPA 901.1M	2/17/98 1800	tf
Ra-228	<0.09	N/A	0.09	pCi/gm	EPA 901.1M	2/17/98 1800	tf
Pb-210	<0.51	N/A	0.51	pCi/gm	EPA 901.1M	2/17/98 1800	tf
Total Activity	4.41	N/A	N/A	pCi/gm	EPA 901.1M	2/17/98 1800	tf

Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

Coalescer Inlet Filter

Inter-Mountain Laboratories, Inc

2506 W. Main Street
Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL CONCENTRATION

Client:	**Burlington Resources**		
Project:	Val Verde Plant	Date Reported:	02/23/98
Sample ID:	Coalescer Inlet Filter	Date Sampled:	02/13/98
Laboratory ID:	0398G00570	Date Received:	02/13/98
Sample Matrix:	Filter	Date Analyzed:	02/19/98

Parameter	Result	Detection Limit	Regulatory Level	Units
Arsenic	<0.005	0.005	5	mg/L
Barium	1.41	0.01	100	mg/L
Cadmium	<0.004	0.004	1	mg/L
Chromium	0.03	0.01	5	mg/L
Lead	<0.05	0.05	5	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	<0.005	0.005	1	mg/L
Silver	<0.01	0.01	5	mg/L

ND- Analyte not detected at stated detection level.

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported By: _____ Reviewed: _____

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Coalescer Inlet Filter
Project ID: Valverde Plant
Lab ID: 8980640 0398G00570
Matrix: Filter

Date Reported: 02/19/98
Date Sampled: 02/13/98
Date Received: 02/16/98
Date Extracted: 02/18/98
Date Analyzed: 02/19/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	132 ##		80 - 120	
Toluene-d8	110		88 - 110	
Bromofluorobenzene	107		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits due to matrix/dilution effect.

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. **Reviewed**

ARS AMERICAN RADIATION SERVICES, INC.

1728 Wooddale Court • Baton Rouge, Louisiana 70806
1 (800) 401-4277 • Fax (504) 927-8822

ARS Tracking Number:	ARS-98-0178	**P.O. Number:**	216528
Client I.D.:	G00570	**ARS Sample I.D.:**	ARS-98-0657
Date Sampled:	N/A	**Date Received:**	2/16/98
Time Sampled:	N/A	**Time Received**	1145
Type of Sample:	Solid	**Date of Report**	2/19/98

Analysis Description	Analysis Result	Analysis Error ±2σ	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	<1.20	N/A	1.20	pCi/gm	EPA 901.1M	2/17/98 1441	dc
Ra-228	<0.18	N/A	0.18	pCi/gm	EPA 901.1M	2/17/98 1441	dc
Pb-210	1.91	1.79	0.74	pCi/gm	EPA 901.1M	2/17/98 1441	dc
Total Activity	1.91	N/A	N/A	pCi/gm	EPA 901.1M	2/17/98 1441	dc

Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

Oil Filter

Inter·Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL CONCENTRATION

Client:	**Burlington Resources**		
Project:	40 CFR 262.11	Date Reported:	03/05/98
Sample ID:	Oil Filter	Date Sampled:	02/26/98
Laboratory ID:	0398G00791	Date Received:	02/26/98
Sample Matrix:	Filter	Date Analyzed:	03/05/98

Parameter	Result	Detection Limit	Regulatory Level	Units
Arsenic	<0.005	0.005	5	mg/L
Barium	0.58	0.01	100	mg/L
Cadmium	<0.004	0.004	1	mg/L
Chromium	<0.01	0.01	5	mg/L
Lead	<0.05	0.05	5	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	<0.005	0.005	1	mg/L
Silver	<0.01	0.01	5	mg/L

ND- Analyte not detected at stated detection level.

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported By: _____ Reviewed: _____

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client:	Burlington Resources			
Sample ID:	Oil Filter		Date Reported:	03/06/98
Project ID:	40 CFR 262.11		Date Sampled:	02/26/98
Lab ID:	B980853	03-0791	Date Received:	02/27/98
Matrix:	Filter		Date Extracted:	03/03/98
			Date Analyzed:	03/05/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	0.021	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	119		80 - 120	
Toluene-d8	97		88 - 110	
Bromofluorobenzene	105		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. **Reviewed**

ARS
AMERICAN RADIATION SERVICES, INC.

1726 Wooddale Court • Baton Rouge, Louisiana 70806
1 (800) 401-4277 • Fax (504) 927-6822

ARS Tracking Number:	ARS-98-0207	**P.O. Number:**	216645
Client I.D.:	G00791	**ARS Sample I.D.:**	ARS-98-0735
Date Sampled:	N/A	**Date Received:**	2/27/98
Time Sampled:	N/A	**Time Received**	1040
Type of Sample:	Solid	**Date of Report**	3/5/98

Analysis Description	Analysis Result	Analysis Error $\pm 2\sigma$	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	BDL	N/A	0.79	pCi/gm	EPA 901.1M	3/4/98 1807	TF
Ra-228	BDL	N/A	0.08	pCi/gm	EPA 901.1M	3/4/98 1807	TF
Pb-210	BDL	N/A	0.50	pCi/gm	EPA 901.1M	3/4/98 1807	TF
Total Activity	0.17	N/A	N/A	pCi/gm	EPA 901.1M	3/4/98 1807	TF

Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

Engine Air-Intake Filter

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Engine Filter
Project ID: 40 CFR 262.11
Lab ID: B980857 03-0795
Matrix: Filter

Date Reported: 03/06/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	91		80 - 120	
Toluene-d8	89		88 - 110	
Bromofluorobenzene	117 #		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits.

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. Reviewed

Glycol Filter

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL CONCENTRATION

Client:	Burlington Resources		
Project:	40 CFR 262.11	Date Reported:	03/05/98
Sample ID:	Glycol Filter	Date Sampled:	02/26/98
Laboratory ID:	0398G00794	Date Received:	02/26/98
Sample Matrix:	Filter	Date Analyzed:	03/05/98

Parameter	Result	Detection Limit	Regulatory Level	Units
Arsenic	0.013	0.005	5	mg/L
Barium	0.94	0.01	100	mg/L
Cadmium	<0.004	0.004	1	mg/L
Chromium	<0.01	0.01	5	mg/L
Lead	<0.05	0.05	5	mg/L
Mercury	<0.001	0.001	0.2	mg/L
Selenium	0.056	0.005	1	mg/L
Silver	<0.01	0.01	5	mg/L

ND- Analyte not detected at stated detection level.

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported By: _____ Reviewed: _____

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Glycol Filter
Project ID: 40 CFR 262.11
Lab ID: B980856 03-0794
Matrix: Filter

Date Reported: 03/06/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/03/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	101		80 - 120	
Toluene-d8	98		88 - 110	
Bromofluorobenzene	106		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst F.D **Reviewed**

ARS
AMERICAN RADIATION SERVICES, INC.

1726 Wooddale Court • Baton Rouge, Louisiana 70806
1 (800) 401-4277 • Fax (504) 927-6822

ARS Tracking Number:	ARS-98-0207	**P.O. Number:**	216645
Client I.D.:	G00794	**ARS Sample I.D.:**	ARS-98-0738
Date Sampled:	N/A	**Date Received:**	2/27/98
Time Sampled:	N/A	**Time Received**	1040
Type of Sample:	Solid	**Date of Report**	3/5/98

Analysis Description	Analysis Result	Analysis Error ±2σ	Detection Limit	Analysis Units	Analysis Test Method	Analysis Date & Time	Analysis Technician
Ra-226	BDL	N/A	0.69	pCi/gm	EPA 901.1M	3/4/98 1556	KS
Ra-228	BDL	N/A	0.10	pCi/gm	EPA 901.1M	3/4/98 1556	KS
Pb-210	BDL	N/A	0.54	pCi/gm	EPA 901.1M	3/4/98 1556	KS
Total Activity	0.34	N/A	N/A	pCi/gm	EPA 901.1M	3/4/98 1556	KS

Bradley J. Fargher
Quality Assurance Review

Notes: American Radiation Services, Inc assumes no liability for the use or interpretation of any analytical results provided other than the cost of the performed analysis itself. Reproduction of this report in less than full requires the written consent of the client.

Rags

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Rag
Project ID: 40 CFR 262.11
Lab ID: B980860 03-0796
Matrix: Rag

Date Reported: 03/06/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result		PQL	Regulatory Level	Units
Benzene	ND		0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**			**QC Limits**	
1,2-Dichloroethane-d4	88			80 - 120	
Toluene-d8	68	##		88 - 110	
Bromofluorobenzene	125	##		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits due to matrix/dilution effect.

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D. **Reviewed**

Absorbent Boom

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

TOXICITY CHARACTERISTIC LEACHING PROCEDURE
HSL VOLATILE COMPOUNDS

Client: **Burlington Resources**
Sample ID: Soak Pad
Project ID: 40 CFR 262.11
Lab ID: B980859 03-0796
Matrix: Pad

Date Reported: 03/06/98
Date Sampled: 02/26/98
Date Received: 02/27/98
Date Extracted: 03/04/98
Date Analyzed: 03/05/98

Parameter	Result	PQL	Regulatory Level	Units
Benzene	ND	0.02	0.5	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		**QC Limits**	
1,2-Dichloroethane-d4	99		80 - 120	
Toluene-d8	89		88 - 110	
Bromofluorobenzene	115		86 - 115	

ND - Not Detected at Practical Quantitation Level (PQL)

Reference: Method 8260A Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II, United States Environmental Protection Agency, September 1994.
Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States EPA, September 1994.

Analyst E.D **Reviewed** SZ

Chain of Custody

imi Inter-Mountain Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES / PARAMETERS
Burlington / 40 CFR 262.11		
Sampler: (Signature)	Chain of Custody Tape No.	

Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	TCLP Metals	TCLP Pesticides	VOA PPM	Remarks
Oil Filter	2/26/98	9:00		Filter	1	✓	✓	✓	March 6th lbs
Ne-Kool Coolant Filter				Filter	1	✓	✓	✓	
Glycol Filter Duty				Filter	1	✓	✓	✓	
Glycol Filter				Filter	1	✓	✓	✓	
Engine Filter				Filter	1	[illegible]	✓	[illegible]	45 Rags
Comp. Filter				Filter	1	[illegible]	✓	[illegible]	
Soak Pad	*	*		Pad	1	[illegible]	✓	[illegible]	
Rag				Rag	1	[illegible]	✓	[illegible]	
									Intact, hand delivered

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/26/98	9:28			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by laboratory: (Signature)	Date	Time
			Chris Raynes	2-26-98	0928

Inter-Mountain Laboratories, Inc.

☐ 1633 Terra Avenue, Sheridan, Wyoming 82801, Telephone (307) 672-8945
☐ 1701 Phillips Circle, Gillette, Wyoming 82718, Telephone (307) 682-8945
☑ 2506 West Main Street, Farmington, NM 87401, Telephone (505) 326-4737
☐ 1160 Research Drive, Bozeman, Montana 59718, Telephone (406) 586-8450
☐ 11183 State Hwy. 30, College Station, TX 77845, Telephone (409) 776-8945

51822

iml Inter-Mountain Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Burlington / 40 CFR 262.11	

Sampler: (Signature)	Chain of Custody Tape No.
[signature]	

ANALYSES / PARAMETERS

Sample No./ Identification	Date	Time	Lab Number	Matrix	No. of Containers	TCLP Metals	TCLP Organics	NORM		Remarks
Oil Filter	2/24/98	9:00		Filter	1	✓	✓	✓		March 6th IHS Results
Nickel Coolant Filter			coolant for pesticides	Filter	1	✓	✓	✓		
Glycol Filter Dehy.	P.M.			Filter	1	✓	✓	✓		
Glycol Filter				Filter	1	✓	✓	✓		
Engine Filter	P.M.			Filter	1		✓			
Comp. Filter	P.M.			Filter	1		✓			
Soak Pad	P.M.	*		Pad	1	✓	✓			
Rag	P.M.			Rag	1		✓			
										Intact, hand delivered

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	2/26/98	9:28			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Relinquished by: (Signature)	Date	Time	Received by laboratory: (Signature)	Date	Time
			Chris Raymond	2-26-98	0928

Inter-Mountain Laboratories, Inc.

- ☐ 1633 Terra Avenue, Sheridan, Wyoming 82801, Telephone (307) 672-8945
- ☐ 1701 Phillips Circle, Gillette, Wyoming 82718, Telephone (307) 682-8945
- ☑ 2506 West Main Street, Farmington, NM 87401, Telephone (505) 326-4737
- ☐ 1160 Research Drive, Bozeman, Montana 59718, Telephone (406) 586-8450
- ☐ 11183 State Hwy. 30, College Station, TX 77845, Telephone (409) 776-8945

51822

Q/A and Q/C Data

Inter·Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

Quality Control / Quality Assurance

Spike Analysis / Blank Analysis

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

Client:	Burlington Resources	Date Reported:	03/05/98
Project:	40 CFR 262.11	Date Analyzed:	03/05/98
Sample Matrix:	Filters	Date Received:	02/26/98

Spike Analysis

Parameter	Spike Result (mg/L)	Sample Result (mg/L)	Spike Added (mg/L)	Percent Recovery
Arsenic	N/A	N/A	N/A	N/A
Barium	1.87	0.87	1.00	100%
Cadmium	1.020	0.050	1.000	97%
Chromium	1.10	<0.01	1.00	110%
Lead	0.76	<0.05	1.00	76%*
Mercury	0.004	<0.001	0.005	80%*
Selenium	0.024	<0.005	0.025	96%
Silver	0.47	<0.01	0.40	115%

Method Blank Analysis

Parameter	Result	Detection Limit	Units
Arsenic	ND	0.005	mg/L
Barium	ND	0.01	mg/L
Cadmium	ND	0.004	mg/L
Chromium	ND	0.01	mg/L
Lead	ND	0.05	mg/L
Mercury	ND	0.001	mg/L
Selenium	ND	0.005	mg/L
Silver	ND	0.01	mg/L

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments: *Spike recovery failed to meet established QC limits due to matrix interferences.
N/A=Data not available.

Reported by _____ Reviewed by _____

Inter-Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

LAB QA/QC
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
METHOD BLANK

Date Analyzed: 03/04/98
Lab ID: MBW98062
Matrix: Water
Date Extracted 03/03/98

Parameter	Result	PQL	Units
Benzene	ND	0.02	mg/L

QUALITY CONTROL - Surrogate Recovery	%
1,2-Dichloroethane-d4	97
Bromofluorobenzene	108
Toluene-d8	99

ND - Not Detected at Practical Quantitation Level (PQL)

Analyst E.D.

Reviewed

Inter-Mountain Laboratories, Inc.

2506 W. Main Street
Farmington, New Mexico 87401

Quality Control / Quality Assurance

Known Analysis

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

Client:	**Burlington Resources**	Date Reported:	03/05/98
Project:	40 CFR 262.11	Date Analyzed:	03/05/98
Sample Matrix:	Filters	Date Received:	02/26/98

Known Analysis

Parameter	Found Result	Known Result	Percent Recovery	Units
Arsenic	0.010	0.010	100%	mg/L
Barium	1.01	1.00	101%	mg/L
Cadmium	1.07	1.000	107%	mg/L
Chromium	1.09	1.00	109%	mg/L
Lead	0.96	1.00	96%	mg/L
Mercury	0.004	0.004	100%	mg/L
Selenium	0.010	0.010	100%	mg/L
Silver	4.39	4.00	110%	mg/L

References: Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Comments:

Reported by _____ Reviewed by _____

Inter·Mountain Laboratories, Inc.
1701 Phillips Circle
Gillette, Wyoming 82718

LAB QA/QC
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
METHOD BLANK

Date Analyzed: **03/05/98**
Lab ID: MBW98063
Matrix: Water
Date Extracted 03/04/98

Parameter	Result	PQL	Units
Benzene	ND	0.02	mg/L
QUALITY CONTROL - Surrogate Recovery	**%**		
1,2-Dichloroethane-d4	90		
Bromofluorobenzene	119		
Toluene-d8	88		

ND - Not Detected at Practical Quantitation Level (PQL)
- Surrogate Recovery not within control limits.

Analyst E.D.

Reviewed

Inter-Mountain Laboratories, Inc.

1701 Phillips Circle
Gillette, Wyoming 82718

LAB QA/QC
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
MATRIX SPIKE SUMMARY

Date Analyzed: **03/05/98**
Laboratory ID: G98-0856
Sample Matrix: Filter
Date Extracted: 3/4/98

Parameter	Spike Added mg/L	Sample Concentration mg/L	Matrix Spike Concentration mg/L	Matrix Spike Recovery (%)
Benzene	0.05	0	0.051	102

QUALITY CONTROL:

Surrogate Recovery	%
1,2-Dichloroethane-d4	112
Toluene-d8	103
Bromofluorobenzene	106

References:

Method 8260, Gas Chromatography/Mass Spectrometry for Volatile Organics, Test Methods for Evaluating Solid Wastes, SW-846, Final Update II,United States Environmental Protection Agency, September 1994.

Method 1311, Toxicity Characteristic Leaching Procedure, Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1994.

E.D.
Analyst

Reviewed

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

February 24, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. P-288-259-032

Mr. Keith Baker
Burlington Resources Oil and Gas Company
P.O. Box 4289
Farmington, NM 87499-4289

RE: Discharge Plan GW-148 Renewal
Pump Mesa Compressor Station
San Juan County, New Mexico

Dear Mr. Baker:

On August 19, 1993, the groundwater discharge plan, GW-148, for the Burlington Resources Oil and Gas Company (BR) Pump Mesa Compressor Station located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMPM, San Juan 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) regulation 3106 and was approved pursuant to section 3109 for a period of five years. The approval will expire on August 19, 1998.

If the facility continues to have potential or actual effluent or leachate discharges and BR wishes to continue operations, the discharge plan must be renewed. **Pursuant to Section 3106.F., if an application for renewal is submitted at least 120 days before the discharge plan expires, then the existing approved discharge plan for the same activity shall not expire until the application for renewal has been approved or disapproved.** The OCD is reviewing discharge plan submittals and renewals carefully and the review time can extend for several weeks to months. Please indicate whether BR has made, or intends to make, any changes in the system, and if so, please include these modifications in the application for renewal.

The discharge plan renewal application for the Pump Mesa Compressor Station is subject to the WQCC Regulation 3114. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of $50 plus a flat fee of $345 for compressor stations. The $50 filing fee is to be submitted with the 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 with the first payment due the at the time of approval.

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

Please submit the original and one copy to the OCD Santa Fe Office and one copy to the OCD Aztec District Office. **Note that the completed and signed application form must be submitted with the discharge plan renewal request.** Copies of the WQCC regulations and discharge plan application form and guidelines have been provided in the past. If BR requires additional copies of these items notify the OCD at (505) 827-7152. A complete copy of the regulations is also available on the OCD's website at **www.emnrd.state.nm.us/ocd/.**

If BR no longer have any actual or potential discharges and a discharge plan is not needed, please notify this office. If BR has any questions, please do not hesitate to contact Mark Ashley at (505) 827-7155.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

RCA/mwa

xc: OCD Aztec Office

P 288 259 032

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PS Form 3800, April 1995

BURLINGTON RESOURCES

SAN JUAN DIVISION

August 12, 1996

Certified Mail No. Z-382-118-155

Energy, Minerals and Natural Resources Department
Oil Conservation Division
Attn: Mr. William LeMay
2040 S. Pacheco
Santa Fe, NM 87505

Re: **Name Change Notification**

Dear Mr. LeMay:

This letter is provided to inform you that Meridian Oil Inc. recently had a business name change to Burlington Resources Oil and Gas Company effective July 11, 1996. Please note that UIC permits and discharge plans have not been transferred and no change of ownership has occurred. All UIC permits and discharge plans issued to and currently under review for Meridian Oil Inc. will now be associated with the Burlington Resources Oil and Gas Company name. Attached is a list of UIC permits and discharge plans issued to Meridian Oil Inc. and applications under review.

If you have any questions regarding this notice, please feel free to contact me at (505) 326-9841.

Sincerely,

Keith M. Boedecker

Keith M. Boedecker
Sr. Staff Environmental Representative

cc: OCD - Aztec Office
Keith Baker - BR/File 6.07

3535 East 30th St., 87402-8891, P.O. Box 4289, Farmington, New Mexico 87499-4289, Telephone 505-326-9700, Fax 505-326-9833

OCD ISSUED UIC PERMITS and DISCHARGE PLANS

UNDERGROUND INJECTION CONTROL PERMITS

No.	Injection Well	OCD UIC Permit No.
1.	Ute No. 1	Order SWD-176
2.	San Juan 30-6 No. 112Y	Order SWD-305
3.	Cedar Hill SWD No. 1	Order SWD-337
4.	Pump Canyon	Order SWD-344
5.	Middle Mesa No. 1	Order SWD-350
6.	San Juan 30-6 No. 2	Order SWD-351
7.	San Juan 32-9 No. 5	Order SWD-432
8.	McGrath No. 4	OCD R-7370
9.	Jillson Federal No. 1	OCD R-10168

OCD DISCHARGE PLANS

No.	Facility	OCD Discharge Plan No.
1.	Gobernador Compressor Station	GW-56
2.	Pump Canyon Compressor Station	GW-57
3.	Hart Canyon Compressor Station	GW-58
4.	Manzanares Compressor Station	GW-59
5.	Middle Mesa Compressor Station	GW-77
6.	Rattlesnake Compressor Station	GW-93
7.	Sims Mesa Compressor Station	GW-146
8	Pump Mesa Compressor Station	GW-148
9	Val Verde Gas Plant	GW-169
10	Arch Rock Compressor Station	GW-183
11.	Sandstone Compressor Station	GW-193
12.	Frances Mesa Compressor Station	GW-194

OCD DISCHARGE PLANS UNDER REVIEW

No.	Facility	OCD Discharge Plan No.
1.	Buena Vista Compressor Station	Not Assigned
2.	Cedar Hill Compressor Station	Not Assigned
3.	Quinn Compressor Station	GW-239

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 9/13/93,
or cash received on 10/7/93 in the amount of $ 690.00
from Meridian Oil
for Ramp Mesa Compresser Station GW-148
(Facility Name) (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 10/7/93
Received in ASD by: A Cline Date: 10-7-93

Filing Fee ___ New Facility X Renewal ___
Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 94

To be deposited in the Water Quality Management Fund.

Full Payment X or Annual Increment ___

MERIDIAN OIL
801 CHERRY STREET - SUITE 200
FORT WORTH, TEXAS 76102-6842
(817) 347-2000

Citibank (Delaware)
A subsidiary of Citicorp
ONE PENN'S WAY
NEW CASTLE, DE. 19720

[redacted]
CHECK NO.

VENDOR NO.
400384

DATE	AMOUNT
09/13/93	$ ********690.00

VOID IF NOT PRESENTED FOR PAYMENT WITHIN 60 DAYS

PAY TO THE ORDER OF

NMED WATER QUALITY MANAGEMENT
1190 ST FRANCIS DR
SANTA FE, NM 87503

Hayes R Wheeler

[redacted]

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED
'93 SEP 29 AM 9 21

September 17, 1993

Certified - P 142 129 980

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

Re: Discharge Plan (GW-148)
Pump Mesa Compressor Station
Discharge Plan Fee

Dear Mr. LeMay:

Attached is the $690.00 discharge plan fee for the referenced facility. If you have any questions please call me at 325-9841.

Sincerely,

Michael J. Frampton
Sr. Staff Environmental Representative

Attachment: Check No. 661207 - $690.00

cc: Pump Mesa C.S.: Discharge Plan: Correspondence

mjm/sn/pmpdisfe

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

July 20, 1993

Director
Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Sir:

We have reviewed your agency's June 24, 1993, Notice of Publication pertaining to the following discharge plan applications: GW-146 and GW-148. Both of these applications are from Meridian Oil Inc., and pertain to contingency plans for accidental releases of oil production waste waters in northwestern New Mexico.

Your June 24, 1993, Notice of Publication did not specify if the "above ground steel storage tanks" were fully enclosed or not. If the storage tanks are uncovered, they represent a risk to migratory birds that are protected under the auspices of the Migratory Bird Treaty Act. If the tanks are not fully enclosed, they should be covered with nets or preferably, a steel lid in order to prevent risks to wildlife.

Thank you for the opportunity to review and comment on these discharge applications. If you have any questions concerning our comments, please contact Mark Wilson at (505) 883-7877.

Sincerely,

Sonja Jahnsdorfer

for Jennifer Fowler-Propst
Field Supervisor

AFFIDAVIT OF PUBLICATION

No. 31993

STATE OF NEW MEXICO,
County of San Juan:

C.J. SALAZAR being duly sworn, says: "That she is the CLASSIFIED MANAGER of The Farmington Daily Times, a daily newspaper of general circulation published in English in Farmington, said county and state, and that the hereto attached LEGAL NOTICE was published in a regular and entire issue of the said Farmington Daily Times, a daily newspaper duly qualified for the purpose within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico for ONE consecutive (days) (/////) on the same day as follows:

First Publication WEDNESDAY, JULY 7, 1993

Second Publication

Third Publication

Fourth Publication

and the cost of publication was $ 51.36

C J Salazar

On 7-22-93 C.J. Salazar appeared before me, whom I know personally to be the person who signed the above document.

Vinny Beck

Notary Public, San Juan County, New Mexico

My Comm expires: 4-2-96

COPY OF PUBLICATI

NOTICE OF PUBLICATION

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

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

(GW-148) - Meridian Oil Inc., Michael J. Frampton, Environment Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, h submitted a discharge application for their Pump Mesa Compressor Stati located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMP San Juan County, New Mexico. Approximately 5 gallons per day of waste wa is stored in above ground steel tanks prior to transport to an OCD approv Class II injection well for disposal. Groundwater most likely to be affected in t event of an accidental discharge is at a depth of approximately 16 feet witl total dissolved solids concentration of approximately 7,843 mg/l. The dischar plan addresses how spills, leaks, and other accidental discharges to t surface will be managed.

Any interested person may obtain further information from the Oil Conservat Division and may submit written comments to the Director of the Oil Conservat Division at the address given above. The discharge plan application may be viewec the above address between 8:00 a.m. and 5:00 p.m., Monday thru Friday. Prior ruling on any proposed discharge plan or its modification, the Director of the Conservation Division shall allow at least thirty (30) days after the date of publicat of this notice during which comments may be submitted to him and public hear may be requested by any interested person. Request for public hearing shall set fc the reasons why a hearing shall be held. A hearing will be held if the direc determines that there is significant public interest.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa New Mexico, on this 24th day of June, 1993.

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

Legal No. 31993 published in the Farmington Daily Times, Farmington, N Mexico on Wednesday, July 7, 1993.

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
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(GW-148) -Meridian Oil Inc., Michael J. Frmpton, Environmental representative, P.O. Box 4289, Farmingotn, New Mexico 87499-4289, has submitted a discharge application for their Pump Mesa Compressor Station located in the SE/4 of Section 14, Township 31 North, Range 8 West, NMPM, Sna Juan County, New Mexico. Approximately 5 gallons per day of waster water is stored in above ground steel tanks prior to transport to an OCD approved Class II injection well for disposal. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 16 feet with a total dissolved solids, concentration of approximately 7,843 mg/1. the discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(GW-146)-Meridian Oil Inc., Michael J. Frampton, Environmental Representative, P.O. Box 4289, Farmington, new Mexico 87499-4289, has submitted a discharge plan application for their Sims Mesa Compressor Station located the NE/4 of Section 22, Township 30 North, Range 7 West, NMpM, Rio Arriba County New Mexico. Approximately 36 gallons per day of waste water is sorted in above ground steel tanks prior to transport to an OCD approved Class II injection well for disposal. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 160 feet with a total dissolved solids concentration of approximately 600 mg./1. the discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(GW-138) -Continental Natural Gas Inc., Wayne Chang, Operations Manager, .O. Box 21470, Tulsa, Oklahoma 74119, has submitted a discharge application for their Westall Compressor Station located in the SW/4 NW/4 Section 35, Township 23 South, Range 28 East, NMPM, Eddy County, new Mexico. Approximately 840 gallons per day of produced water with total dissolved solids concentration of 251 608 mg/1 is stored above ground steel tanks prior to transport to an OCD approved Class II injection well for disposal. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approximately 7,843 mg/1. the discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.
(Gw-17) - Acid Engineering, Lloyd Bolding, owner, P.O. Box 753, Kilgore, Texas 75662, has submitted an application for their previously aproved discharge plan for its Hobbs service facility located in Section 36, Township 18 South, Range 37 East, NMPM, Lea County, New Mexico. Approximately 300 gallons per day of waste water containing 0.1% hydrochloric acid, by weight, will be discharged to a fiberglass tank. The waste water will be recycled as makeup water in the oil well treatment process. Groundwater most likely to be affected in the event of an accidental discharge is at a depth of approxiamtely 46 feet with a total dissolved solids concentration of approximately 1400 mg/1. the discharge plan addresses how spills, leaks, and other accidental dishcarges to the surface will be managed.
(GW-147) - El Paso Natural Gas Company, Donald N. Bigbie, Vice President, 304 Texas Street, El Paso, Texas 79901, has submitted a discharge application for their Deming Compressor Station located in the SE/4 Section 32, Township 23 South, range 11 West, NMPM,

STATE OF NEW MEXICO
County of Bernalillo ss

OIL CONSERVATION DIVISION
RECEIVED
'93 JUL 19 AM 9 24

Dianne Berglund being duly sworn declares and says that she is National Advertising Sales Supervisor 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, 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 8 day of July, 1993, and the subsequent consecutive publications on _____, 1993

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 8 day of July 1993.

Bernadette Cutz

PRICE $ 63.23

Statement to come at end of month.

12-1893

CLA-22-A (R-1/93) ACCOUNT NUMBER C81184

NOTICE OF PUBLICATION

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

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan 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:

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Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 24th day of June, 1993.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

William J. LeMay

SEAL

WILLIAM J. LEMAY, Director

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No [redacted] dated 6/15/93,
or cash received on 6/23/93 in the amount of $ 50.00
from Meridian Oil Co.
for Pump Mesa Compressor Station (Facility Name) GW-148 (DP No.)
Submitted by: _____ Date: _____
Submitted to ASD by: Kathy Brown Date: 6/23/93
Received in ASD by: Angel Moore Date: 6/23/93
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 ___

THIS DOCUMENT CONTAINS AN ERASURE SENSITIVE FACE. ATTEMPTED ALTERATIONS WILL APPEAR WHITE.

AMERICAN EXPRESS® MONEY ORDER 82-40 1021

PAY THE SUM OF [redacted]
NOT GOOD OVER $300.

7-11 FOOD STORES

DATE June 15 19 93

TO THE ORDER OF NMED - Water Quality Management Fund

Meridian-Mike Frampton PO Box 4289 Farmington NM 87402
SENDER'S NAME AND ADDRESS

BEFORE CASHING READ NOTICE ON BACK

Issued by American Express
Travel Related Services Company, Inc.
Englewood, Colorado

Payable at
Norwest Bank Grand Junction - Downtown, N.A.
Grand Junction, Colorado

[redacted]

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED
'93 JUN 23 AM 9 40

June 17, 1993

Certified Mail - P 794 519 753

Roger Anderson
New Mexico Oil Conservation Division
PO Box 2088
Santa Fe, New Mexico 87502

RE: Pump Mesa Compressor Station Discharge Plan

Dear Mr. Anderson:

Meridian Oil Inc. is providing your department with a proposed discharge plan for the referenced facility. MOI has designed this facility as a zero discharge facility. No onsite disposal of fluids or solids will occur at this facility. All above ground storage tanks are bermed and sumps are double walled construction with inspection and alarm features.

MOI is attempting to startup this facility by August 16, 1993. If you have any questions concerning this proposed discharge plan please call me at 326-9841.

Sincerely,

Michael J. Frampton
Sr. Staff Environmental Representative

Attachment: (1) Discharge Plan (2 Copies)
(1) $50 Filing Fee - Money Order No. 21-268212001

xc: Pump Mesa C.S.: Discharge: Permit/Application
New Mexico Oil Conservation Division - Aztec Office

MJF/vka:pumpdsch.doc

PUMP MESA COMPRESSOR STATION
OCD GROUND WATER
DISCHARGE PLAN

Prepared for:

Meridian Oil, Inc.
Farmington, New Mexico

Prepared by:

K.C. Myers & Associates, Inc.
Albuquerque, New Mexico
(505) 275-7183

TABLE OF CONTENTS

LIST OF FIGURES

KCMA1

GROUND WATER DISCHARGE PLAN
PUMP MESA COMPRESSOR STATION

I. TYPE OF OPERATION

The Pump Mesa Facility is a proposed gas compressor station which will receive coal seam gas via an upstream gas gathering system. The gas will be compressed and dehydrated for delivery to Meridian's Val Verde gathering system.

II. OPERATOR AND LOCAL REPRESENTATIVE

A. Operator

Name: Meridian Oil, Inc.	Address: P.O. Box 4289
City: Farmington	State: New Mexico
Zip: 87499-4289	Phone: 505-326-9700

B. LOCAL REPRESENTATIVE

Name: Michael J. Frampton	Address: P.O. Box 4289
City: Farmington	State: New Mexico
Zip: 87499-4289	Phone: 505-326-9841

III. LOCATION OF FACILITY

Township: T 31N	Range: R 8W	Section: S 14 SE/4	County: San Juan

A topographic map of the area is attached as Figure 1

IV. LANDOWNER

Name: BLM	Address: 1235 La Plata Hwy
City: Farmington	State: New Mexico
Zip: 87499	Phone: 505-327-5344

KCMAI

V. FACILITY DESCRIPTION

The Pump Mesa Compressor Station will be constructed on a pad of approximately 4 acres in size. It will consist of a compressor building (two 1350 hp engines), MCC building, a meter house, two dehydration units, a loading dock, and the following tanks and sumps:

Container Type	Capacity	Product	Construction Material	Location
Tank	210 barrel	Lube Oil	Steel	Above ground
Tank	210 barrel	Triethylene glycol	Steel	Above ground
Tank	210 barrel	Condensate	Steel	Above ground
Tank	210 barrel	Used oil	Steel	Above ground
Tank	750 gallon	Triethylene glycol	Plastic	Above ground
Tank	500 gallon	Methanol	Plastic	Above ground
Open top tank	1000 gallon	Reboiler water	Fiberglass	Above ground
Sump	300 gallon	Used oil	Steel	Below ground

The attached Figure 2 illustrates the facility lay-out and equipment components.

VI. SOURCES, QUANTITIES & QUALITY OF EFFLUENT & SOLID WASTE

A. Waste Stream Data

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Type of Collection Storage System
Dehydration Unit	Produced Water	2 barrels	None	Steel tank
Dehydration Unit	Glycol	Intermittent	None	Drums
Dehydration Unit	Glycol Filters	2	None	Container/bin
Compressor Engines	Cooling Water	Intermittent	Ethylene Glycol	Drums
Compressor Engines	Used Oil	500 gallons	None	Steel tank
Compressor Engines	Oil Filters	8	None	Container/bin
Condensate Tank	Produced Water	2 barrels	None	Steel tank
Cleaning Ops	Solvents	None		
Tanks	Tank solids	None		
Trash	Solid Waste	1-2 Containers	None	Container/bin

168 gal/mo

5 g/d

B. Quality Characteristics

1. Note that there are no process waste stream discharges from the Pump Mesa facility. All waste streams are contained and their disposition is described in section VIII.

2. Chemical analysis has not been performed on any of the waste streams because they are not disposed of on-site as an "effluent." Produced water from the Condensate tank and the dehydration units may contain the BETX hydrocarbon compounds listed in WQCC 1-101.UU. Similarly, used oil collected at the facility will contain the WQCC 1-101.UU hydro-carbon compounds.

C. Commingled Waste Streams

1. Produced water from the condensate tank and dehydration unit tanks may be commingled prior to being hauled for disposal. In addition, wash water (fresh water) with traces of used oil may be introduced into the condensate tank during maintenance operations.

VII. TRANSFER & STORAGE OF PROCESS FLUIDS & EFFLUENTS

A. Information on the waste stream collection and storage containers is summarized in the Tables in sections V and VI.

B. The individual "treatment" units are shown on Figure 2. Produced water may be generated during the compression of the gas with the water being diverted to a 210 barrel tank. Produced water can also be removed at the dehydration units and stored in the open top tanks. These are independent units, such that they do not constitute a "process flow" appropriate for a flow schematic.

C. Surface and Subsurface Discharge Potential

1. The Table in section V, provides a listing of all above ground and below ground tanks. Pressurized pipelines carry the compressed gas through the dehydration units and outlet meter house to the gathering system.

2. Used crankcase oil is pumped from each engine individually to the 210 barrel storage tank. However, drips and leaks from the compressors are drained into a perimeter collection system and then into a 300 gallon fiberglass sump, adjacent to the compressor building. Collected fluids are then pumped to the used oil storage tank for recycling (see section VIII).

3. The size and construction material of the collection units, including lining material, is described in the table in section V.

D. OCD Design Criteria

1. All four storage tanks are to be located in a 76' x 36' x 3' bermed area. The tanks are not interconnected. This containment capacity meets the "one third more than the largest tank" criteria.

2. The facility will not maintain permanent chemical or drum storage areas at the site.

3. The used oil sump at the compressor building is subject to OCD approval. Note that the used oil sump is double lined with leak detection and an alarm.

4. The above ground tanks are placed on a six (6) inch gravel base and installed with tank rings.

E. Underground Pipelines

Mechanical integrity testing of the underground process and produced water pipelines will be performed only on an "as needed" basis.

F. Proposed Modifications

The existing site conditions at the Pump Mesa facility provide protection from present or future danger to ground water. All plant processes are closed pipe, contained in tanks, or otherwise controlled to prevent leakage. No additional modifications are proposed.

KCMAI

VIII. EFFLUENT DISPOSAL

A. On-Site Disposal

This facility does not conduct any on-site waste disposal.
All waste streams will be taken off-site for recycling or disposal.

B. Off-Site Disposal

The following table provides information on proposed off-site waste disposal:

Waste Stream	Shipment Method	Shipping Agent	Final Disposition	Receiving Facility
Produced Water	Truck	Meridian Transportation Co. 4551 Herrera Rd Farmington, NM or other contractor (varies)	Class II Well	McGrath Facility Meridian Oil, Inc. 3535 E 30th Farmington, NM
Glycol Filters	Truck	Overland Dehy 5895 US Highway 64 Bloomfield, NM	Glycol recycled Filters landfilled	Overland Dehy 5895 US highway 64 Bloomfield, NM Waste Management Road 3100 Aztec, NM
Cooling Water	Truck	Contractor varies	Recycle or stabilization/land farm or landfill	Envirotech 5796 U.S. Highway 64; Farmington, NM Waste Management Road 3100 Aztec, NM
Used Oil	Truck	Meridian Transportation Co 4551 Herra Rd Farmington, NM	Recycle	Storage 1 Facility Meridian Oil, Inc. 3535 E 30th Farmington, NM
Oil Filters	Truck	Henry Production 601 S Carlton Ave Farmington, NM	Oil recycled Filters disposed	Henry Production 601 S Carlton Ave Farmington, NM Waste Management Road 3100 Aztec, NM
Solid Waste	Truck	Waste Management Road 3100 Aztec, NM	Landfill	Waste Management Road 3100 Aztec, NM

KCMAI

IX. INSPECTION, MAINTENANCE AND REPORTING

A. The 300 gallon used oil collection sump adjacent to the compressor building will be double lined steel with leak detection and an alarm system. This will be continuously monitored. Leaks will be reported to OCD in accordance with approval requirements.

B. Precipitation and run-off do not come in contact with process waste streams. As a result, the facility has not installed any special storm water containment or collection systems. The facility pad is maintained to prevent surface accumulations. Open top tanks are inspected daily to monitor fluid levels.

X. SPILL/LEAK PREVENTION & REPORTING

A. Potential sources of spills or leaks at this facility include the following:

(1) tank overflow or rupture;

(2) overflow or cracking of fiberglass tanks;

(3) overflow or cracking of concrete sumps;

(4) rupture of process pipelines.

Prevention of accidental releases from these sources is a high priority of MOI personnel. Spill prevention will be achieved primarily through proper execution of operating procedures and secondly, by an active equipment inspection and maintenance program. Spill detection will be accomplished by daily visual inspection of facility equipment and continuous monitoring of process instrumentation.

B. Spills occurring at this facility would be contained by installed berms, or by berms erected on-site at the time of the incident. Heavy equipment to construct containment berms is readily available from private contractors in the area. Due to the lack of water bodies in the immediate area of the facility, containment equipment such as boom will not be stockpiled.

KCMAI

C. MOI spill notification and reporting procedures are consistent with OCD Rule 116 and other State and Federal requirements.

XI. SITE CHARACTERISTICS

well FS 32-8 #3
9-31N-8W
200' 2000 mg/l TDS

A. Hydrologic Features

The Pump Mesa facility will be located approximately 3/4 mile south of the Lewis Park. An un-named intermittent stream is within 500 yards of the site and drains into the Lewis Park Canyon. Navajo Lake is approximately 2 miles east of the facility. There are no known domestic drinking water wells within a mile of the site.

The depth to ground water has not been measured at this site. Four soil borings have been drilled to 20 feet and ground water was not encountered. In addition, based on a review of hydrogeologic information available ("Hydrogeology and Water Resources of San Juan Basin, New Mexico," Hydrologic Report #6, New Mexico Bureau of Mines and Mineral Resources, 1983), and topographic features at the site, it appears likely that depth to ground water exceeds 35 feet to the San Jose Formation. The specific conductance of this formation ranges from 320 up to 3,000 µmhos/cm with an average measurement to 2,000 µmhos/cm. This results in a concentration of 1,400 mg/l TDS or higher.

1400 mg/l TDS

Ground water flow direction is likely to be N-NE, based on a review of topographic features at the site. This would be consistent with the regional flow patterns which are generally from high outcrop areas toward lower outcrop areas.

B. Geologic Description of Discharge Site

The soils in this area are mostly sandy, desertic soils, inter-mixed with small quantities of clay/loam (New Mexico Bureau of Mines and Mineral Resources, 1983).

The aquifer in this area is the San Jose Formation (Eocene). This is the youngest Tertiary bedrock unit in the San Juan Basin, and is characterized by interbedded alluvial sandstones and mudstones. The thickness of the formation ranges up to 2,700 feet.

KCMAI

C. Flood Protection

The flooding potential at this site is considered negligible. As a result, flood protection measures will not be installed at the facility.

XII. ADDITIONAL INFORMATION

As stated previously, this facility will not intentionally discharge or dispose of any waste on-site. Containment devices will be installed and regularly inspected to insure proper operation. As a result, MOI has demonstrated that approval of this plan will not result in concentrations in excess of the standards of Section 3-103 or the presence of any toxic pollutant at any place of withdrawal of water for present or reasonably foreseeable future use.

XIII. CERTIFICATION

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

Name: Danny W. Hill Title: Plant and Pipeline Manager

Signature: Danny W. Hill Date: 6/21/93

Figure 1
Pump Mesa Compressor Station
T 31N R 8W S 14 SE/4
NW /4

8000 9000 10 000

2000

QUADRANGLE LOCATION

ROAD LEGEND

Improved Road . . . .
Unimproved Road . . . .
Trail . . . .

Interstate Route U.S. Route State Route

1	2	3	1 Bondad Hill 2 Ignacio 3 Tiffany
4		5	4 Mount Nebo 5 Burnt Mesa
6	7	8	6 Turley 7 Archuleta 8 Pine River

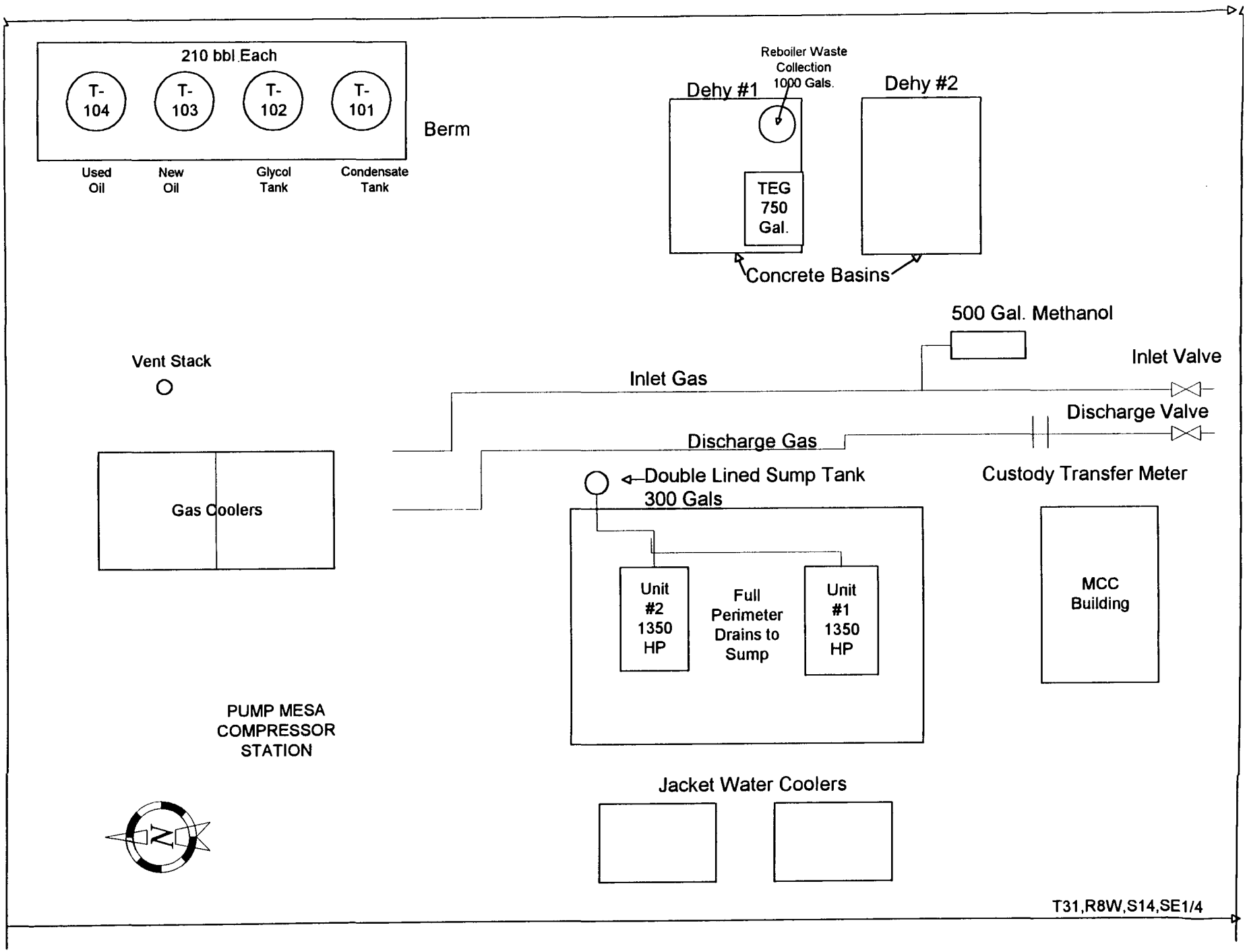
ADJOINING 7.5' QUADRANGLE NAMES

ARDS
DO 80225

ANASTACIO SPRING, N. MEX.-COLO.
PROVISIONAL EDITION 1985

36107-H6-TF-024

NM 02189


210 bbl Each
T-104
T-103
T-102
T-101
Used Oil
New Oil
Glycol Tank
Condensate Tank
Berm
Reboiler Waste Collection 1000 Gals.
Dehy #1
Dehy #2
TEG 750 Gal.
Concrete Basins
500 Gal. Methanol
Inlet Valve
Vent Stack
Inlet Gas
Discharge Valve
Discharge Gas
Gas Coolers
Double Lined Sump Tank 300 Gals
Custody Transfer Meter
Unit #2 1350 HP
Full Perimeter Drains to Sump
Unit #1 1350 HP
MCC Building
PUMP MESA COMPRESSOR STATION
Jacket Water Coolers
T31,R8W,S14,SE1/4