GW - 183

GENERAL CORRESPONDENCE

YEAR(S): 2006 - 1994

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	Tax	FUND	CES	DFA ORG	DFA ACCT	ED ORG	ED ACCT	AMOUNT	
	CY Reimbursement Project		064	01		2329	900000	2329134		1
1	Gross Receipt Tax		064	01		1896	900000	4169134		2
5	Air Quality Title V		092	13	1300	9696	900000	4969014		3
3	PRP Prepayments		248	14	1400	9696	900000	4969015		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		851	33		2919	900000	2919033		13
3	Xerox Copies		662	34		2349	900000	2349001		*14
4	Ground Water Penalties		662	34		2349	900000	2349002		15
5	Witness Fees		662	34		2349	900000	2349003		16
6	Air Quality Penalties		662	34		2349	900000	2349004		17
7	OSHA Penalties		662	34		2349	900000	2349005		18
8	Prior Year Reimbursement		662	34		2349	900000	2349006		19
9	Surface Water Quality Certification		662	34		2349	900000	2349009		20
0	Jury Duty		662	34		2349	900000	2349012		21
1	CY Reimbursements (i.e. telephone)		662	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
3	Radiation Licensing Regulation		783	24	2500	9696	900000	4969228		*34
4	Sale of Equipment		783	24	2500	9696	900000	4969301		*35
5	Sale of Automobile		783	24	2500	9696	900000	4969302		*36
6	Lust Recoveries		783	24	2500	9696	900000	4969814		**37
7	Lust Repayments		783	24	2500	9696	900000	4969815		**38
8	Surface Water Publication		783	24	2500	9696	900000	4969801		39
9	Exxon Reese Drive Ruidoso - CAF		783	24	2500	9696	900000	4969242		40
0	Emerg. Hazardous Waste Penalties NOV		957	32	9600	1696	900000	4164032		41
1	Radiologic Tech. Certification		987	05	0500	1696	900000	4169005		42
2	Ust Permit Fees		989	20	3100	1696	900000	4169020		44
3	UST Tank Installers Fees		989	20	3100	1696	900000	4169021		45
4	Food Permit Fees		991	26	2800	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

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: 00148693 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

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.

Pu[redacted]anyon Compres[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 Casey

My Commission Expires November 17, 2008.

COPY OF PUBLICATION

NOTICE OF PUBLICATION

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

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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

SEAL

Mork Fesmire, Director

Legal No. 52636 published in The Daily Times

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 Sandstone Compressor Station GW-193

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. Sandoval Retest MP

[redacted]

THE REVERSE SIDE OF THIS DOCUMENT HAS A SECURITY SCREEN.

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

Date: 10/17/2005
Check #: [redacted]
Amount Paid: $100.00

17 100-000008 0510 1

NEW MEXICO ENVIRNMENTAL DIVISION
WATER QUALITY MANAGEMENT FUND
NM OIL CONSERVATION DISTRICT
1220 SOUTH ST FRANCIS DRIVE
SANTA FE, NM 87504

Vendor #: 856000565

Date	PO #	Invoice #	Description	Invoice Amt	Discount	Net Amt
10/13/2005		10130510000A	ARCH ROCK COMPR STATION DISCHARGE RE	100.00	.00	100.00

Please contact our AP Hotline at 713-759-3800, Option 5, to get more information on how your company can be setup to receive payment electronically via ACH.

PLEASE DETACH BEFORE DEPOSITING CHECK

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

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

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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

Duke Energy. Field Services
A New Kind of Energy™

OIL CONSERVATION DIV.
02 JUL -5 PM 1:58

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

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

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

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 4/20/00

or cash received on _____ in the amount of $ 690.00

from BURLINGTON RESOURCES

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

Submitted by: WAYNE PRICE Date: 5/2/00

Submitted to ASD by: _____ Date: "

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility ___ Renewal ✓

Modification ___ Other _____
(specify)

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ✓ or Annual Increment ___

BURLINGTON RESOURCES
801 Cherry Street Suite 200
Ft. Worth TX 76102-6842

CITIBANK (Delaware)
A Subsidiary of Citicorp
One Penn's Way
New Castle DE 19720
62-20/311

[redacted]

Vendor No. 55707200

Date 04/20/2000 **Pay Amount** $690.00
Void If Not Presented for Payment Within 60 Days

To The Order Of **NEW MEXICO ENVIRONMENTAL DEPARTMENT**
WATER QUALITY MGT
1190 ST FRANCES DR
SANTA FE NM 87503-

GW-183

[redacted]

BURLINGTON
RESOURCES

SAN JUAN DIVISION

June 29, 2000

Certified Z 554 663 743

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

Re: Discharge Plan Renewal GW-183
Arch Rock Compressor Station

Dear Mr. Anderson,

Thank you for the response and approval of the ground water discharge plan renewal application GW-193 for the Burlington Resources Gathering Inc. (BR) Arch Rock Compressor Station located in the SW/4 of Section 14, Township 14 North, Range 10 West, NMPM, San Juan County, New Mexico.

As per your request, BR is providing: 1) a signed copy of the Discharge Plan Approval Conditions (Attachment 1); 2) the results of the underground pipeline test demonstrating mechanical integrity (Attachment 2); and 3) an updated discharge plan (Attachment 3). The approved discharge plan was updated to include the requested storm water run off plan information (Condition Number 15) and information demonstrating compliance with the approval conditions.

BR believes storm water is more appropriately addressed within the existing discharge plan and not a separate storm water plan. Storm water runoff issues are addressed in Sections V through XII. Additional information was added to Sections VII.D.3, VII.E, IX.B, IX.C, and X.B of the discharge plan to address compliance with the approval conditions. In addition, a clarification was made to Condition Number 10.

As per Mr. Wayne Price's request, BR is providing information that supports our decision to address storm water runoff in the existing groundwater discharge plan.

1. The Arch Rock discharge plan sufficiently addresses storm water runoff.
2. Storm water does not come in contact with process waste streams at the Arch Rock Compressor Station; hence the potential for a release is avoided.
3. A storm water plan is not a requirement of the U.S. EPA for the Arch Rock Compressor Station (Federal Register/Vol. 55 No. 222/Friday, November 16, 1990).

If you have questions or need additional information regarding this issue please contact me at (505) 326-9537.

Sincerely,

Gregg Wurtz
Sr. Environmental Representative

Attachments: Arch Rock Discharge Plan GW-193
Arch Rock Underground Pipeline and Below Grade Sump verification letter
Arch Rock Discharge Plan GW-193 Approval Conditions

cc: Greg Kardos, BR
Bruce Gantner, BR
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan
Correspondence

Attachment 1 Burlington Resources Arch Rock Compressor Station Discharge Approval Conditions

Attachment 2 Underground Pipeline and Below Grade Sump Testing Burlington Resources Sandstone Compressor Station

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 29, 2000

Certified Z 554 663 743

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

Re: Arch Rock Compressor Station Discharge Plan GW-183
Condition #9 Below Grade Tanks/Sumps and Condition #10 Underground Wastewater lines

Dear Mr. Anderson,

This letter documents the successful completion of the mechanical integrity testing of the underground pipelines and below grade sump at Burlington Resources Gathering Inc. Arch Rock Compressor Station. The results of the pipeline and sump tests were determined to be satisfactory and no concerns with mechanical integrity were identified during the tests.

The OCD Aztec District Office was notified in writing 72 hours in advance of testing on January 26, 2000. The testing was successfully completed February 8, 2000. The pipeline test was performed by placing the pipelines under a hydrostatic pressure test of 3 pounds per square inch above normal operating pressure and maintaining this pressure for 30 minutes. This test methodology was approved in OCD's letter dated November 19, 1998.

The below grade sump was steam cleaned and visually inspected.

If you have questions or need additional information regarding this issue please contact me at (505) 326-5937.

Sincerely,

Gregg Wurtz
Sr. Environmental Representative

cc: Greg Kardos
Bruce Gantner
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan
Correspondence

ARCH ROCK COMPRESSOR STATION

DISCHARGE PLAN

June 26, 2000

Prepared for:

Burlington Resources
Farmington, New Mexico

Prepared by:

Gregg Wurtz

TABLE OF CONTENTS

ARCH ROCK COMPRESSOR STATION
GROUND WATER DISCHARGE PLAN

I. TYPE OF OPERATION

The Arch Rock Compressor Station (Arch Rock) is a natural gas compressor station which receives lean gas via an upstream gas gathering system. At this facility the gas is dehydrated and compressed to line pressure sufficient to enter downstream gas treating.

II. OPERATOR AND LOCAL REPRESENTATIVE

A. Operator

Name: Burlington Resources	**Address: P.O. Box 4289**
City: Farmington	**State: New Mexico**
Zip: 87499-4289	**Phone: 505-326-9700**

B. Local Representative

Name: Gregg Wurtz	**Address: P.O. Box 4289**
City: Farmington	**State: New Mexico**
Zip: 87499-4289	**Phone: 505-326-9537**

III. FACILITY LOCATION

Township: T 31N	**Range: R 10W**	**Section: S 14** **SW1/4**	**County: San Juan**

A topographic map of the area is attached as Figure 1, Facility Area Map.

IV. LANDOWNERS

Name: Burlington Resources	Address: P.O. Box 4289
City: Farmington	State: New Mexico
Zip: 87499-4289	Phone: (505) 326 – 9700
Name: BLM	Address: 1235 La Plata Hwy.
City: Farmington	State: New Mexico
Zip: 87499	Phone: (505) 599 – 8900

V. FACILITY DESCRIPTION

The Arch Rock Compressor Station is constructed on a pad of approximately 2.9 acres in size. It consists of two gas compression engines (1600 hp each), two dehydration units, and the following tanks and sumps:

Container Type	Capacity	Product	Construction Material	Location
Tank	100 barrel	Lube Oil	Steel	Above ground
Tank	100 barrel	Used Oil	Steel	Above ground
Tank	100 barrel	Ethylene glycol (EG)	Steel	Above ground
Tank	500 barrel	Produced Water	Steel	Above ground
Tank	750 gallon	Triethylene glycol (TEG)	Fiberglass	Above ground
Open top tank	1000 Gallon	Produced Water	Fiberglass	Above ground
Process Sump	300 gallon	Used Oil	Steel	Below ground

The attached Figure 2 illustrates the overall facility layout and equipment components.

VI. SOURCES, QUANTITIES & QUALITY OF EFFLUENTS

A. Waste Stream Data

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Collection System/Storage
Dehydration Unit	Produced Water	3 barrels	None	Fiberglass open-top tank
Dehydration Unit	TEG	Intermittent	None	Drums
Dehydration Unit	Used TEG Filters	3 Filters	None	Container/bin
Compressor Engines	Cooling Water	Intermittent	Ethylene Glycol (EG)	Drums
Compressor Engines	Leaks and Precipitation	Intermittent	EG, Oil, Water	Sump
Compressor Engines	Used Oil	100 gallons	None	Aboveground steel tank
Compressor Engines	Oil Filters	4 Filters	None	Container/bin
Inlet Filter Separator	Produced Water	23 barrels	None	Aboveground steel tank
Discharge Filter Coalesser	Used Oil	60 gallons	None	Aboveground steel tank
30" Slug Catcher	Produced Water	400 barrels	Corrosion Inhibitors	Aboveground steel tank
Trash	Solid Waste	1-2 Containers	None	Container/bin

B. Quality Characteristics

1. Note that there are no process waste stream discharges from Arch Rock. 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 inlet filter separator, discharge filter coalesser, and the dehydration unit may contain the

BTEX hydrocarbon compounds listed in WQCC 1-101.UU. Similarly, used oil collected in the sumps will contain the WQCC 1-101.UU hydrocarbon compounds.

C. Commingled Waste Streams

Produced water from the produced water tank and dehydration unit tank may be commingled prior to being hauled for disposal. In addition, wash water (fresh water) may be introduced into the sump during maintenance operations.

VII. TRANSFER & STORAGE OF PROCESS FLUIDS & EFFLUENTS

A. Storage

Information on the waste stream collection and storage containers is summarized in the tables in Sections V and VI.

B. Flow Schematics

The individual "treatment" units are shown on Figure 2. Produced water may be generated during the compression and dehydration of the gas with the water being diverted to an open top tank. Produced water can also be removed at the dehydration units and stored in the open top tanks. The equipment at Arch Rock are self-contained 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 sumps. Pressurized pipelines carry the compressed gas through the dehydration unit and outlet meter to downstream pipelines.

2. Used compressor lube oil and engine crankcase oil is drained into the 100 barrel used oil tank. Overflow and leaks from the compressors, compressor engines and elevated lube oil tank drain into the sump. Fluids collected in the sump are periodically transferred to the 500 bbl above ground storage tank for disposal (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. NMOCD Design Criteria

1. The 100 bbl used oil tank, EG tank, and lube oil tank are located in a 122' x 54' x 2' bermed area equipped with a plastic liner and fluid collection area. Capacity of the bermed area meets the general engineering practice of one and one third times the capacity of the largest tank. Each of the three tanks are independent and are not connected together by a common manifold.

   A 25' x 25' x 4' berm is placed around the 500 bbl produced water tank. The produced water tank is placed on a gravel pad to help detect any leaks that may occur.

   The TEG regeneration skid is equipped with a concrete pad with containment curbs to capture any leaks that may occur during the TEG regeneration process or from the 750 gallon TEG storage tank.

2. A gravel pad is placed under the 500 bbl above ground produced water tank for leak detection. All of the other three above ground storage tanks at the facility are placed on a plastic liner within the bermed area to aid in leak detection and containment.

3. An impermeable bermed containment will be installed if a major modification to the existing tank battery occurs and the potential for a release to the environment exists. BR will consider the replacement of a single tank within a multiple tank battery a minor modification. A major modification may include but is not limited to replacing the entire tank battery or increasing tank volume substanially.

E. Underground Pipelines and Below Grade Sumps

The mechanical integrity testing of the underground wastewater pipelines is performed once every 5 years from the date of permit renewal. The mechanical integreity of the below grade sumps is performed annually. NMOCD will be notified 72 hours prior to testing.

F. Proposed Modifications

The existing site conditions at Arch Rock provide protection from present or future ground water contamination. All plant processes are closed pipes, contained in tanks, or otherwise controlled to prevent leakage. No additional modifications are proposed at this time.

VIII. EFFLUENT DISPOSAL

A. On-Site Disposal

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

B. Off-Site Disposal

The following table provides information about off-site waste disposal:

Waste Stream	Shipment Method	Shipping Agent	Final Disposition	Receiving Facility
Produced Water	**Truck**	***See Note 1***	**Class II Well**	***See Note 2***
TEG Filters	**Truck**	**Waste Management** **Road 3100** **Aztec, NM**	**TEG recycled** **Filters landfilled**	**Waste Management** **Road 3100** **Aztec, NM**
Antifreeze/ Spent Glycol	**Truck**	**Contractor varies**	**Recycle or stabilization/land farm or landfill**	***See Note 3***
Used Oil	**Truck**	***See Note 1***	**Recycle**	**Safety-Kleen** **4210 A Hawkins Rd** **Farmington, NM**
Impacted Soil	**Truck**	**Contractor varies**	**Landfarm**	***See Note 3***
Oil Filters	**Truck**	**Waste Management** **Road 3100** **Aztec, NM**	**Oil recycled** **Filters disposed**	**Waste Management** **Road 3100** **Aztec, NM**
Solid Waste	**Truck**	**Waste Management** **Road 3100** **Aztec, NM**	**Landfill**	**Waste Management** **Road 3100** **Aztec, NM**

Note 1: The trucking agent contracted to ship effluents off-site will be one of the following:

Dawn Trucking Co.
318 Hwy. 64
Farmington, New Mexico.

Key Trucking
708 S. Tucker Ave.
Farmington, New Mexico

Safety-Kleen
4210 A Hawkins Rd
Farmington, NM

Note 2: The off-site Disposal Facility will be one of the following:

McGrath SWD #4 Sec. 34, T-30-N, R-12-W San Juan County New Mexico	Basin Disposal Sec. 3, T-29-N, R-11-W 6 County Rd 5046 Bloomfield, New Mexico	Key Disposal Sec. 2, T-29-N, R-12-W 323 County Rd. 3500 Farmington, New Mexico

Note 3: Off-site receiving facility for these materials will be one of the following:

Envirotech 5796 US Hwy. 64 Farmington, New Mexico	Waste Management Road 3100 Aztec, New Mexico	Tierra Environmental Sec 2, T29N, R12W San Juan Co., NM	Coastal Chemical Co. 10 Road 5911 Farmington, NM

IX. INSPECTION, MAINTENANCE AND REPORTING

A. Leak Detection

The below ground sump is equipped with double walls and a leak detection system that provides a discrete alarm which can be viewed through the station's telemetry system.

The 100 bbl storage tanks are placed on a liner within a berm to aid in detecting any leaks from the storage tanks.

B. Precipitation/Storm Water Runoff

Exposure minimization practices are used to lessen the potential for storm water to come into contact with process and waste streams. Consequently, storm water run-off does not come in contact with process and waste streams. Precipitation that contacts the process equipment is collected in the process sump or contained within containment skids and allowed to evaporate. The facility pad is maintained and where necessary armored with gravel to minimize erosion and prevent surface accumulations. Open top tanks are inspected periodically to monitor fluid levels.

A storm water plan is not a requirement of the EPA (Federal; Register/Vol. 55 No. 22, Friday, November 16, 1990). A storm water permit is necessary only if a facility has had a release of a reportable quanty of oil or a hazardous substance in storm water in the last three years. The Arch Rock Compressor Station has not had a release of a reportable quantity to date.

C. General Maintenance

A log documenting spill collection/prevention is maintained as part of a daily log of the station operator's activities and maintenance work. The log specifically addresses compressor maintenance, however the operator does inspect the general facility and

the station's systems for spill collection /prevention on a routine basis. Maintenance findings are noted in a logbook and corrective action is documented.

X. SPILL/LEAK PREVENTION & REPORTING

A. Spill/Leak Potential

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

1. Tank overflow or rupture;
2. Overflow or cracking of concrete sumps;
3. Rupture of process pipelines;
4. Pigging operations.

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

To reduce the risk of spilled process fluids from contacting the ground surface, BR has constructed curbed concrete or lined containment under process equipment with a higher probability of a spill/leak. Each of the containment basins either has a small open top collection area or a drain to the process sump to aid in fluid disposal.

B. Spill/Leak Control

General spill cleanup procedures may involve minor earthwork to prevent migration, and recovery of as much free liquid as possible. Recovered fluids would then be transported off-site for recycling or disposal. Based on existing literature, analysis and regulatory guidelines, any contaminated soil will either be left in place, transferred to other existing waste-management areas, or transported off-site for proper disposal. Process and maintenance areas are paved and curbed or have spill collection controls implemented if a reoccurring long term pattern of significant spills or leaks is identified that can not be remediated by general clean up procedures. Incidental leaks or process/maintenance spills that are adequately remediated are not considered significant.

C. Spill/Leak Reporting

Should a release of materials occur, BR will comply in accordance with provisions described in NMOCD Rule and Regulation #116.

XI. SITE CHARACTERISTICS

Much of the information used for this section was obtained from New Mexico Bureau of Mines and Mineral Resources publications and a geotechnical report written for Meridian Oil Inc. by Western Technologies Inc. in July of 1991. The report was generated to document physical characteristics of soils in the area of Arch Rock for the purposes of construction. Documentation of the soils involved drilling four boreholes (ranging from 15' to 20' in depth), classifying and logging each soil type as it was encountered. The geotechnical survey is not included with this discharge plan.

A. Surface Water

There is one drainage ditch that runs along the north edge of the site. There are no known domestic water supplies or surface water bodies within one mile of Arch Rock.

B. Ground Water

Cathodic well data in the area indicates the depth to ground water to be approximately 51 feet. No ground water was encountered during construction activities or during test borings for the geotechnical survey.

Ground water flow direction is likely to be northeast, based on a review of topographic features at the site. This would be consistent with an existing drainage ditch that runs along the north edge of the site.

The aquifer most likely to affected by a discharge in this area is the Nacimiento/Animas (Paleocene). This formation is characterized by interbedded black carbonaceous mudstones and white, coarse-grained sandstones. The thickness of the formation ranges up to 2,660 feet, in the center of the San Juan Basin (New Mexico Bureau of Mines and Mineral Resources, 1983).

Total Disolved Solids (TDS) of water from this formation is estimated to be greater than 1300 mg/l (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Subsurface Soils

The site is underlain predominately by clayey and silty sands. Lenses of low to medium plasticity silts and clays are also present. A low permeability sandstone layer was encountered in one test boring at 15 feet.
The soils in this area are mostly sandy, western plateau soils, inter-mixed with small quantities of clay/loam (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Flood Protection

Arch Rock lies approximately 400 feet above the Animas River to the south. One small drainage ditch lies to the north east of the location. This area is not typically subject to flooding therefore special flood protection measures are not needed.

XII. ADDITIONAL INFORMATION

As stated previously, this facility does not intentionally discharge or dispose of any waste on-site. Containment devices are installed and regularly inspected to insure proper operation. As a result, BR 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. AFFIRMATION

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

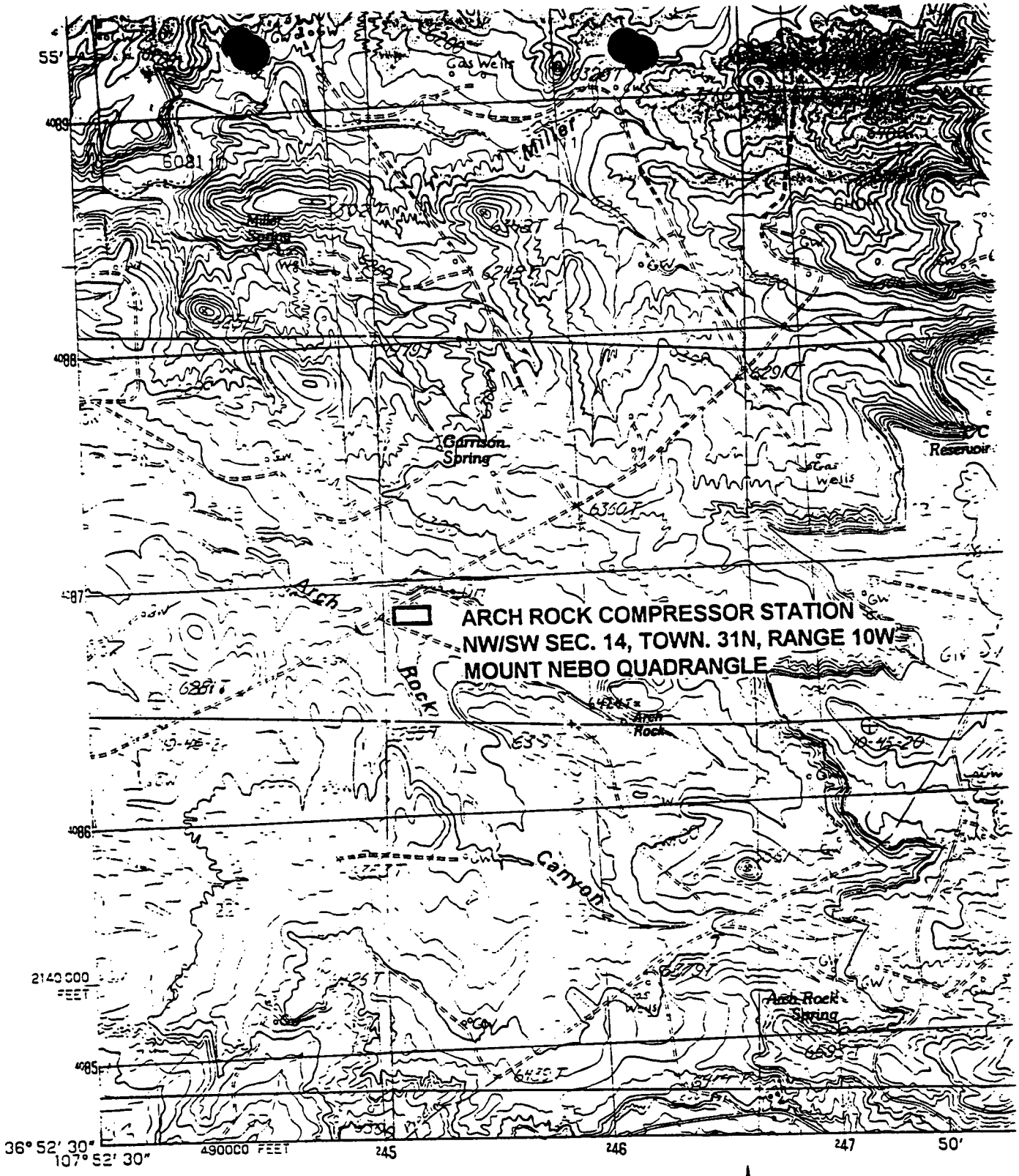
Name: John Zent Title: General Manager, Compliance

Signature: John Zent Date: 6.29.00.

Name: Greg Kardos Title: Senior Plant Supervisor

Signature: Greg Kardos Date: 6/27/2000

FIGURES



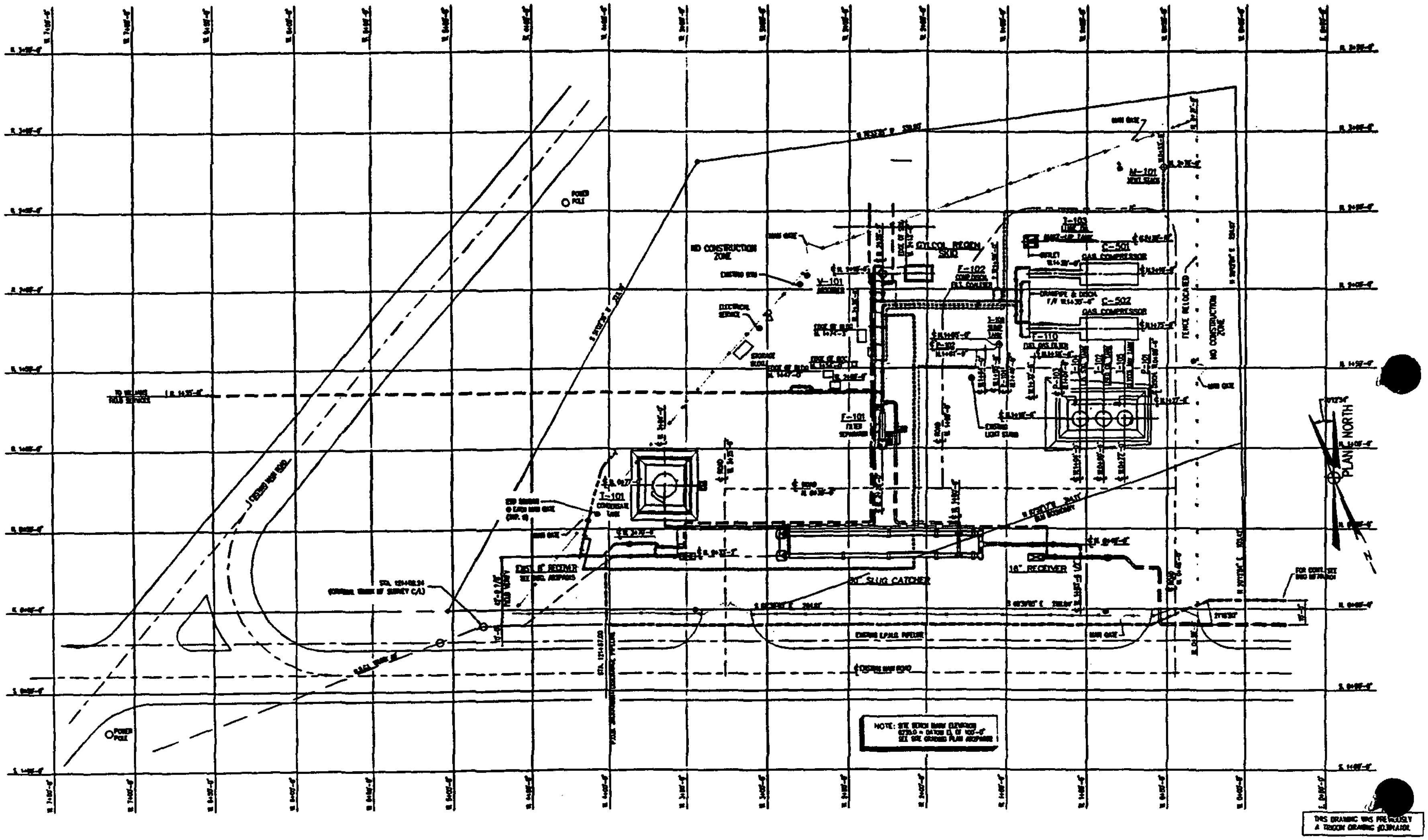
PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13
10,000-FOOT STATE GRID TICKS ..... NEW MEXICO, WEST ZONE
COLORADO, SOUTH ZONE
UTM GRID DECLINATION ..... 1°41' WEST
1985 MAGNETIC NORTH DECLINATION ..... 12° EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters north and 55 meters east)

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of

FIGURE 1: Facility Area Map



NOTES:

1. PRESSURE DECLINE PROJECT – FOR GENERAL NOTES & PIPING STANDARDS SEE DWGS. AR2PA022B & AR2PA022A.
2. ALL DIMENSIONS, ELEVATIONS AND LOCATIONS GENERATED ON THIS DRAWING ARE TAKEN FROM THE BEST INFORMATION AVAILABLE. FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK.

Open Top Collection Sumps

Lined Process Area

REFERENCE DRAWINGS

REVISIONS

MERIDIAN OIL
FARMINGTON, NEW MEXICO

PLOT PLAN
ARCH ROCH COMPRESSOR STATION

ARCH ROCK COMPRESSOR STATION — SAN JUAN COUNTY, NEW

AR2PA00

BURLINGTON
RESOURCES

SAN JUAN DIVISION

April 24, 2000

Certified P 358 636 056

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

Re: Ground Water Discharge Plan Renewal GW-183
Arch Rock Compressor Station

Dear Mr. Anderson,

Thank you for the timely response and approval of the ground water discharge plan renewal application GW-183 for the Burlington Resources Arch Rock Compressor Station located in the SW/4 of Section 14, Township 14 North, Range 10 West, NMPM, San Juan County, New Mexico (OCD March 28, 2000).

As per your request, Burlington Resources (BR) is providing a renewal flat fee for the Arch Rock compressor station facility. The fee is based on a horsepower rating above the 3000 horsepower rating and is equal to one-half of the original fee or $690.00

If you have questions regarding this issue please contact me at (505) 326-5937.

Sincerely,

Gregg Wurtz

Gregg Wurtz
Sr. Environmental Representative

Attachment: Check Number 0000550419

cc: Greg Kardos
Bruce Gantner
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan
Correspondence

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

April 13, 2000

Mr. Ed Hasley
Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

Re: Discharge Plan Renewal GW-183
Burlington Resources
Arch Rock Compressor Station
San Juan County, New Mexico

Dear Mr. Hasley:

The discharge plan referenced above has been approved per our letter of March 28, 2000. In looking over the file, I discovered that we failed to provide a copy of our inspection report as promised. Enclosed is a copy of the report along with copies of the pictures that Jack Ford took while he was there.

Thank you very much for the hospitality extended to Denny Foust, Roger Anderson and Jack during their visit.

Sincerely yours,

Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 1-14-00 Time: 9:00 AM

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-183

FACILITY NAME: BURLINGTON RESOURCES ARCH ROCK COMPRESSOR STA.
PHYSICAL LOCATION: _____
Legal: QTR SW QTR ____ Sec 14 TS 31N R 10W County SAN JUAN

OWNER/OPERATOR (NAME) BURLINGTON RESOURCES
Contact Person: ED HASLEY Tele:# 505-326-9700
MAILING ADDRESS: P.O. BOX 4289, FARMINGTON 87499 State NM ZIP 87499-4289
Owner/Operator Rep's: _____

OCD INSPECTORS: D. FOUST, R. ANDERSON, J. FORD

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.

ONE DRUM, NEAR COMPRESSORS, NOT ON PAD WITH CURBING.

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.

OK GENERALLY - SOME MINOR SOIL STAINING AROUND EACH COMPRESSOR.

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.

OK

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.

INSTALLATION OK. ONE SADDLE TANK SHOWED POSSIBLE LEAKAGE. THIS SHOULD BE CLEANED UP AND VALVE CHECKED.

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

OK

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.

ONE SUMP APPEARED FULL. CHECK ON ROUTINE BASIS. ALL ELSE OK.

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.

OK

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly? YES.
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.

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.

GENERALLY GOOD.

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

OK

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

OIL ON GROUND NEAR Pigging STATION.
ALL ELSE OK.

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

No

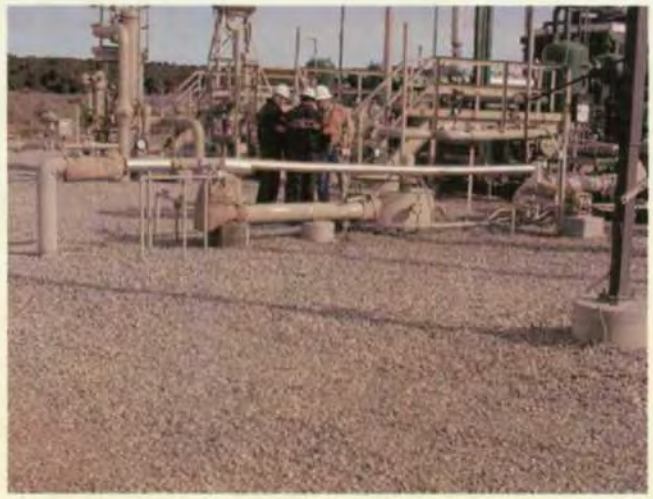
14. ANY WATER WELLS ON SITE? NO ☑ YES ☐ IF YES, HOW IS IT BEING USED ?

Miscellaneous Comments:

GENERALLY VERY CLEAN SITE. NO ENVIRONMENTAL CONCERNS OTHER THAN THOSE NOTED.

Number of Photos taken at this site: _____
attachments-

Entrance sign.



Compressor station intake.

Tanks containing fresh oil, used oil and water.

Separator.

Saddle tank, showing leakage.
See inspection sheet notes.

Pigging station.

Compressor

Sump. Full and needs to be drained.
See inspection sheet notes.

Pigging station, showing some ground staining.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

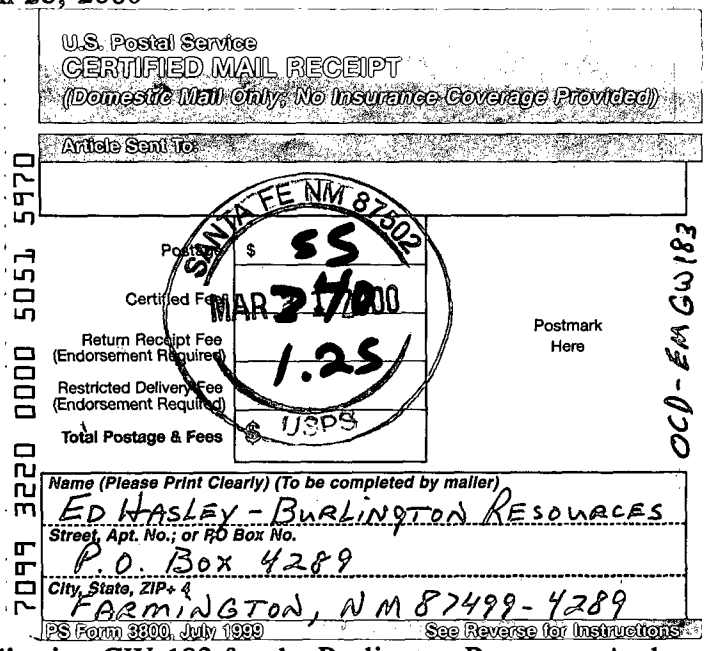
OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

March 28, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5051 5970

Mr. Ed Hasley
Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289

RE: Discharge Plan Renewal GW-183
Burlington Resources
Arch Rock Compressor Station
San Juan County, New Mexico


U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)
Article Sent To:
SANTA FE NM 87502
Postage $ .55
Certified Fee MAR 2000
Return Receipt Fee (Endorsement Required) 1.25
Restricted Delivery Fee (Endorsement Required)
Total Postage & Fees $ USPS
Postmark Here
7099 3220 0000 5051 5970
OCD-EM GW183
Name (Please Print Clearly) (To be completed by mailer)
ED HASLEY - BURLINGTON RESOURCES
Street, Apt. No.; or PO Box No.
P.O. Box 4289
City, State, ZIP+4
FARMINGTON, NM 87499-4289
PS Form 3800, July 1999 See Reverse for Instructions

Dear Mr. Hasley:

The ground water discharge plan renewal application GW-183 for the Burlington Resources Arch Rock Compressor Station located in the SW/4 of Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. Enclosed are two copies of the conditions of approval. **Please sign and return one copy to the New Mexico Oil Conservation Division (OCD) Santa Fe Office within 10 working days of receipt of this letter.**

The original discharge plan application was submitted on November 28, 1994 and approved February 21, 1995. The discharge plan renewal application letter, dated January 14, 2000 submitted pursuant to Sections 5101.B.3. of the New Mexico Water Quality Control Commission (WQCC) Regulations also includes all earlier applications and all conditions later placed on those approvals. The discharge plan is renewed pursuant to Sections 5101.A. and 3109.C. Please note Section 3109.G., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve Burlington Resources of liability should operations result in pollution of surface water, ground water, or the environment.

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

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

Pursuant to Section 3109.G.4., this renewal plan is for a period of five years. This renewal will expire on **February 21, 2005**, and Burlington Resources should submit an application in ample time before this date. Note that under Section 3106.F. of the regulations, if a discharger submits a discharge plan renewal application at least 120 days before the discharge plan expires and is in compliance with the approved plan, then the existing discharge plan will not expire until the application for renewal has been approved or disapproved. It should be noted that all discharge plan facilities would be required to submit the results of an underground drainage-testing program as a requirement for discharge plan.

Burlington Resources will submit a storm water run-off plan for approval by the OCD within six (6) months of the date of this approval letter for the Arch Rock Compressor Station facility.

The discharge plan renewal application for the Burlington Resources Arch Rock Compressor Station is subject to WQCC Regulation 3114. Every billable facility submitting a discharge plan application will be assessed a fee equal to the filing fee of $50. There is a renewal flat fee assessed for gas compressor station facilities with horsepower rating above 3000 horsepower equal to one-half of the original flat fee or $690.00. The OCD has received the filing fee.

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

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/eem
Attachment

Xc: OCD Aztec Office

ATTACHMENT TO THE DISCHARGE PLAN RENEWAL GW-183
BURLINGTON RESOURCES
ARCH ROCK COMPRESSOR STATION
DISCHARGE PLAN APPROVAL CONDITIONS
(March 28, 2000)

1. Payment of Discharge Plan Fees: The $50.00 filing fee has been received by the OCD. There is a required flat fee equal to one-half of the original flat fee for natural gas compressor stations with horsepower rating above 3000 horsepower. The renewal flat fee required for this facility is $690.00 which 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 upon receipt of this approval. The filing fee is payable at the time of application and is due upon receipt of this approval.

2. Commitments: Burlington Resources will abide by all commitments submitted in the discharge plan renewal application letter dated January 14, 2000 and these conditions for approval.

3. Waste Disposal: All wastes will be disposed of at an OCD approved facility. Only oilfield exempt wastes shall be disposed of down Class II injection wells. Non-exempt oilfield wastes that are non-hazardous may be disposed of at an OCD approved facility upon proper waste determination per 40 CFR Part 261.

4. Drum Storage: All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

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

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

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

atmospheric temperature and pressure.

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

9. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity no later than May 30, 2000 and every year from tested date thereafter. Permittees may propose various methods for testing such as 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. The test results will be submitted to OCD by June 30, 2000.

10. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than May 30, 2000 and every five (5) years thereafter. 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. The test results will be submitted to OCD by June 30, 2000.

11. Class V Wells: No 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. 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. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

12. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

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

14. Transfer of Discharge Plan: The OCD will be notified prior to any transfer of ownership, control, or possession of a facility with an approved discharge plan. A written commitment to comply with the terms and conditions of the previously approved discharge

plan must be submitted by the purchaser and approved by the OCD prior to transfer.

15. Storm Water Plan: The facility will have an approved storm water run-off plan.

16. Closure: The OCD will be notified when operations of the Arch Rock Compressor Station are discontinued for a period in excess of six months. Prior to closure of the Arch Rock Compressor Station, the Director will submit a closure plan for approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

17. Conditions accepted by: **Burlington Resources**, by the officer whose signature appears below, accepts this permit and agrees to comply with all terms and conditions contained herein. **Burlington Resources** further acknowledges that these conditions and requirements of this permit may be changed administratively by the Division for good cause shown as necessary to protect fresh water, human health and the environment.

Burlington Resources

Print Name: _____

Signature: _____

Title: _____

Date: _____

The Santa Fe New Mexican

Since 1849. We Read You.

FEB 22 2000

OIL CONSERVATION DIVISION

NM OIL CONSERVATION DIVISION
ATTN: DONNA DOMINGUEZ
2040 S. PACHECO STREET
SANTA FE, NM 87505

AD NUMBER: 133399 ACCOUNT: 56689
LEGAL NO: 66890 P.O.#: 00199000278
177 LINES 1 time(s) at $ 78.03
AFFIDAVITS: 5.25
TAX: 5.20
TOTAL: 88.48

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE
I, B Peiner 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 #66890 a copy of which is hereto attached was published in said newspaper 1 day(s) between 02/17/2000 and 02/17/2000 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 17 day of February, 2000 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ Betty Peiner
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 16 day of February A.D., 2000

Notary Candace R. Dunton

Commission Expires 11/16/2003

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 has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

(GW-183) - Burlington Resources, Ed Hasley, Sr. Staff Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge application for their Arch Rock Compressor Station located in the SW/4 of Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 134 gallons per day of waste water is stored in above ground steel, and open top fiberglass tanks prior to transport to an OCD approved Class II injection well for disposal. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 51 feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 7th day of February, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
LORI WROTENBERY, Director

Legal #66890
Pub. February 17, 2000

OK FOR PAYMENT
Wayne Price 2/23/00

AFFIDAVIT OF PUBLICATION

Ad No. 42382

STATE OF NEW MEXICO
County of San Juan:

ALETHIA ROTHLISBERGER, 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 meeting of Chapter 167 of the 1937 Session Laws of the State of New Mexico for publication on the following day(s):

Wednesday, February 16, 2000.

And the cost of the publication is $78.40.

Alethia Rothlisberger

On 2/18/00 ALETHIA ROTHLISBERGER appeared before me, whom I know personally to be the person who signed the above document.

Christine L Bray

My Commission Expires May 3, 2003

COPY OF PUBLICATION

918 Legals

NOTICE OF PUBLICATION

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

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 7th day of February, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

/s/Roger Anderson
for LORI WROTENBERY, Director

SEAL

Legal No. 42382, published in The Daily Times, Farmington, New Mexico, Wednesday, February 16, 2000.

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 has been submitted to the Director of the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, Telephone (505) 827-7131:

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

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

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 7 th day of February, 2000.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

for LORI WROTENBERY, Director

SEAL

1-14-00

Arch Rock C.S. - B.R.
Ed Hasley, Karen Stevens.
D. Foust, R. Anderson, J. Ford - OCD

Produced water tank within bermed
pit sitting on pad & ring
rain water into double walled
tank (sump) pumped to oil tank
& pickup by Safety Kleen -
electronic probe - checking
compressor pad - drainage - fluid?
in both units - Co
drain sump @ hose connection
appears to be full - oil tank location
lined & tanks on rings
Dig catcher sump - oil on surface
~~oil on~~

INSPECTION REPORT
BY J. FORD - OCD

Arrive Santa Fe - 9:00PM

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 1/11/2000,

or cash received on _____ in the amount of $ 50.00

from BURLINGTON RESOURCES

for ARCH ROCK COMPRESSOR 5t GW-183

(Facility Name) (DP No.)

Submitted by: WAYNE PRICE Date: 2/07/00

Submitted to ASD by: _____ Date: "

Received in ASD by: _____ Date: _____

Filing Fee ✓ New Facility ___ Renewal ___

Modification ___ Other _____

(specify)

Organization Code 521.07 Applicable FY 2000

To be deposited in the Water Quality Management Fund.

Full Payment ___ or Annual Increment ___

BURLINGTON RESOURCES
801 Cherry Street Suite 200
Ft. Worth TX 76102-6842

[redacted]

CITIBANK (Delaware)
A Subsidiary of Citicorp
One Penn's Way
New Castle DE 19720
62-20/311

Vendor No. 55707200

Date 01/11/2000 **Pay Amount** $50.00
Void If Not Presented for Payment Within 60 Days

To The Order Of
NEW MEXICO ENVIRONMENTAL DEPARTMENT
WATER QUALITY MANAGEMENT
2040 S PACHECO ST
SANTA FE NM 87505-

Suzanne Y Baca

[redacted]

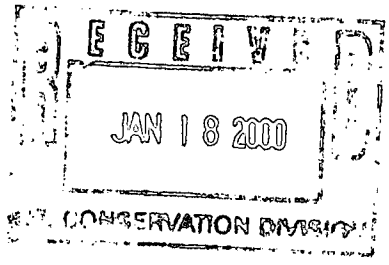
BURLINGTON RESOURCES

SAN JUAN DIVISION

January 14, 2000

Certified -P 895 114 530

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



Re: Ground Water Discharge Plan Renewal GW-183
Arch Rock Compressor Station

Dear Mr. Price:

As per our recent discussion, Burlington Resources (BR) is providing your department with a discharge plan renewal request for the referenced facility. No onsite disposal of fluids or solids occurs at this facility. All above ground storage tanks are bermed and certain process equipment has been equipped with lined containment basins to catch unintentional discharges of process fluids.

Please note that minor changes were made to the currently approved Arch Rock Compressor Station discharge plan to update names and trucking/disposal contractors. Also included is the $50 filing fee.

If you have any questions concerning this proposed discharge plan, please contact me at 326-9841.

Sincerely,

Ed Hasely
Sr. Staff Environmental Representative

Attachment: Discharge Plan (2 Copies)
$50 Filing Fee

cc: Greg Kardos
Bruce Gantner
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan
Correspondence

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Revised March 17, 1999

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

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

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

☐ New ☒ Renewal ☐ Modification GW-183

1. Type: Arch Rock Compressor Station
2. Operator: Burlington Resources

   Address: P.O. Box 4289, Farmington, NM 87499

   Contact Person: Ed Hasely Phone: (505) 326-9841

3. Location: NW /4 SW /4 Section 14 Township 31N Range 10W

   Submit large scale topographic map showing exact location.

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

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

Name: Ed Hasely Title: Sr. Staff Environmental Rep.

Signature: Ed Hasely Date: 1/14/00

ARCH ROCK COMPRESSOR STATION
GROUND WATER DISCHARGE PLAN

January 13, 2000

Prepared for:

Burlington Resources
Farmington, New Mexico

Prepared by:

Ed Hasely

TABLE OF CONTENTS

ARCH ROCK COMPRESSOR STATION
GROUND WATER DISCHARGE PLAN

I. TYPE OF OPERATION

The Arch Rock Compressor Station (Arch Rock) is a gas compressor station which receives lean gas via an upstream gas gathering system. At this facility the gas is dehydrated and compressed to line pressure suffiecient to enter downstream gas treating.

II. OPERATOR AND LOCAL REPRESENTATIVE

A. Operator

Name: Burlington Resources	**Address: P.O. Box 4289**
City: Farmington	**State: New Mexico**
Zip: 87499-4289	**Phone: 505-326-9700**

B. Local Representative

Name: Ed Hasely	**Address: P.O. Box 4289**
City: Farmington	**State: New Mexico**
Zip: 87499-4289	**Phone: 505-326-9841**

III. FACILITY LOCATION

Township: T 31N	**Range: R 10W**	**Section: S 14 SW1/4**	**County: San Juan**

A topographic map of the area is attached as Figure 1, Facility Area Map.

IV. LANDOWNERS

Name: Burlington Resources	**Address: P.O. Box 4289**
City: Farmington	**State: New Mexico**
Zip: 87499-4289	**Phone: (505) 326 - 9700**
Name: BLM	**Address: 1235 La Plata Hwy.**
City: Farmington	**State: New Mexico**
Zip: 87499	**Phone: (505) 599 - 8900**

V. FACILITY DESCRIPTION

The Arch Rock is constructed on a pad of approximately 2.9 acres in size. It consists of two gas compression engines (1600 hp each), two dehydration units, and the following tanks and sumps:

Container Type	Capacity	Product	Construction Material	Location
Tank	100 barrel	Lube Oil	Steel	Above ground
Tank	100 barrel	Used Oil	Steel	Above ground
Tank	100 barrel	Ethylene glycol (EG)	Steel	Above ground
Tank	500 barrel	Produced Water	Steel	Above ground
Tank	750 gallon	Triethylene glycol (TEG)	Fiberglass	Above ground
Open top tank	1000 Gallon	Produced Water	Fiberglass	Above ground
Process Sump	300 gallon	Used Oil	Steel	Below ground

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

VI. SOURCES, QUANTITIES & QUALITY OF EFFLUENTS

A. Waste Stream Data

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Collection System/Storage
Dehydration Unit	Produced Water	3 barrels	None	Fiberglass open-top tank
Dehydration Unit	TEG	Intermittent	None	Drums
Dehydration Unit	Used TEG Filters	3	None	Container/bin
Compressor Engines	Cooling Water	Intermittent	Ethylene Glycol (EG)	Drums
Compressor Engines	Leaks and Precipitation	Intermittent	EG, Oil, Water	Sump
Compressor Engines	Used Oil	100 gallons	None	Aboveground steel tank
Compressor Engines	Oil Filters	4	None	Container/bin
Inlet Filter Separator	Produced Water	23 barrels	None	Aboveground steel tank
Discharge Filter Coalesser	Used Oil	60 gallons	none	Aboveground steel tank
30" Slug Catcher	Produced Water	400 barrels	Corrosion Inhibitors	Aboveground steel tank
Trash	Solid Waste	1-2 Containers	None	Container/bin

B. Quality Characteristics

1. Note that there are no process waste stream discharges from Arch Rock. 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 inlet filter separator, discharge filter coalesser, and the dehydration unit may contain the BETX hydrocarbon compounds listed in WQCC 1-101.UU. Similarly, used oil collected in the sumps will contain the WQCC 1-101.UU hydrocarbon compounds.

C. Commingled Waste Streams

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

VII. TRANSFER & STORAGE OF PROCESS FLUIDS & EFFLUENTS

A. Storage

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

B. Flow Schematics

The individual "treatment" units are shown on Figure 2. Produced water may be generated during the compression and dehydration of the gas with the water being diverted to an open top tank. Produced water can also be removed at the dehydration units and stored in the open top tanks. The equipment at Arch Rock are self contained 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 sumps. Pressurized pipelines carry the compressed gas through the dehydration unit and outlet meter to downstream pipelines.

2. Used compressor lube oil and engine crankcase oil is drained into the 100 barrel used oil tank. Overflow and leaks from the compressors, compressor engines and elevated lube oil tank drain into the sump. Fluids collected in the sump are periodically transferred to the 500 bbl above ground storage tank for disposal (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. NMOCD Design Criteria

1. The 100 bbl used oil tank, EG tank, and lube oil tank are located in a 122' x 54' x 2' bermed area equipped with a plastic liner and fluid collection area. Capacity of the bermed area meets the general engineering practice of one and one third times the capacity of the largest tank. Each of the three tanks are independent and are not conected together by a common manifold.

A 25' x 25' x 4' berm is placed around the 500 bbl condensate tank. The condensate tank is placed on a gravel pad to help detect any leaks that may occur.

The TEG regeneration skid is equipped with a concrete pad with containment curbs to capture any leaks that may occur during the TEG regeneration process or from the 750 gallon TEG storage tank.

2. A gravel pad is placed under the 500 bbl above ground condensate tank for leak detection. All of the other three above ground storage tanks at the facility are placed on a plastic liner within the bermed area to aid in leak detection and containment.

E. Underground Pipelines

Mechanical integrity testing of the underground process pipelines is performed only on an "as needed" basis, at this time.

F. Proposed Modifications

The existing site conditions at Arch Rock provide protection from present or future ground water contamination. All plant processes are closed pipe, contained in tanks, or otherwise controlled to prevent leakage. No additional modifications are proposed at this time.

VIII. EFFLUENT DISPOSAL

A. On-Site Disposal

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

B. Off-Site Disposal

The following table provides information about off-site waste disposal:

Waste Stream	Shipment Method	Shipping Agent	Final Disposition	Receiving Facility
Produced Water	**Truck**	***See Note 1***	**Class II Well**	***See Note 2***
TEG Filters	**Truck**	**Waste Management Road 3100 Aztec, NM**	**TEG recycled Filters landfilled**	**Waste Management Road 3100 Aztec, NM**
Antifreeze/ Spent Glycol	**Truck**	**Contractor varies**	**Recycle or stabilization/land farm or landfill**	***See Note 3***
Used Oil	**Truck**	***See Note 1***	**Recycle**	**Safety-Kleen 4210 A Hawkins Rd Farmington, NM**
Impacted Soil	**Truck**	**Contractor varies**	**Landfarm**	***See Note 3***
Oil Filters	**Truck**	**Waste Management Road 3100 Aztec, NM**	**Oil recycled Filters disposed**	**Waste Management Road 3100 Aztec, NM**
Solid Waste	**Truck**	**Waste Management Road 3100 Aztec, NM**	**Landfill**	**Waste Management Road 3100 Aztec, NM**

Note 1: The trucking agent contracted to ship effluents off-site will be one of the following:

Dawn Trucking Co.
318 Hwy. 64
Farmington, New Mexico.

Key Trucking
708 S. Tucker Ave.
Farmington, New Mexico

Safety-Kleen
4210 A Hawkins Rd
Farmington, NM

Note 2: The off-site Disposal Facility will be one of the following:

McGrath SWD #4
Sec. 34, T-30-N, R-12-W
San Juan County
New Mexico

Basin Disposal
Sec. 3, T-29-N, R-11-W
6 County Rd 5046
Bloomfield, New Mexico

Key Disposal
Sec. 2, T-29-N, R-12-W
323 County Rd. 3500
Farmington, New Mexico

Note 3: Off-site receiving facility for these materials will be one of the following:

Envirotech
5796 US Hwy. 64
Farmington, New Mexico

Waste Management
Road 3100
Aztec, New Mexico

Tierra Environmental
Sec 2, T29N, R12W
San Juan Co., NM

Coastal Chemical Co.
10 Road 5911
Farminton, NM

IX. INSPECTION, MAINTENANCE AND REPORTING

A. Leak Detection

The below ground sump is equiped with double walls and a leak detection system that provides a discrete alarm which can be viewed through the station's telemetry system.

The 100 bbl storage tanks are placed on a liner within a berm to aid in detecting any leaks from the storage tanks.

B. Precipitation/Runoff

Storm water run-off does not come in contact with process waste streams. Any precipitation that contacts the process equipment is collected in the process sump or contained within containment skids and allowed to evaporate. The facility pad is maintained to prevent surface accumulations. Open top tanks are inspected periodically to monitor fluid levels.

X. SPILL/LEAK PREVENTION & REPORTING

A. Spill/Leak Potential

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

1. tank overflow or rupture;
2. overflow or cracking of concrete sumps;
3. rupture of process pipelines.
4. pigging operations

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

To reduce the risk of spilled process fluids from contacting the ground surface, BR has constructed curbed concrete or lined containment under process equipment with a higher probability of a spill/leak. Each of the containment basins either has a small open top collection area or a drain to the process sump to aid in fluid disposal.

B. Spill/Leak Control

General spill cleanup procedures may involve minor earthwork to prevent migration, and recovery of as much free liquid as possible. Recovered fluids would then be transported off-site for recycling or disposal. Based on existing literature, analysis and regulatory guidelines, any contaminated soil will either be left in place, transferred to other existing waste-management areas, or transported off-site for proper disposal.

C. Spill/Leak Reporting

Should a release of materials occur, BR will comply in accordance with provisions described in NMOCD Rule and Regulation #116.

XI. SITE CHARACTERISTICS

Much of the information used for this section was obtained from New Mexico Bureau of Mines and Mineral Resources publications and a geotechnical report written for Meridian Oil Inc. by Western Technologies Inc. in July of 1991. The report was generated to document physical characteristics of soils in the area of Arch Rock for the purposes of construction. Documentation of the soils involved drilling four boreholes (ranging from 15' to 20' in depth), classifying and logging each soil type as it was encountered. The geotechical survey is not included with this discharge plan.

A. Surface Water

There is one drainage ditch which runs along the north edge of the site. There are no known domestic water supplies or surface water bodies within one mile of Arch Rock.

B. Ground Water

Cathodic well data in the area indicates the depth to ground water to be approximately 51 feet. No ground water was encountered during construction activities or during test borings for the geotechnical survey.

Ground water flow direction is likely to be northeast, based on a review of topographic features at the site. This would be consistent with an existing drainage ditch which runs along the north edge of the site.

The aquifer most likely to affected by a discharge in this area is the Nacimiento/Animas (Paleocene). This formation is characterized by interbedded black carbonaceous mudstones and white, coarse-grained sandstones. The thickness of the formation ranges up to 2,660 feet, in the center of the San Juan Basin (New Mexico Bureau of Mines and Mineral Resources, 1983).

Total Disolved Solids (TDS) of water from this formation is estimated to be greater than 1300 mg/l (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Subsurface Soils

The site is underlain predominately by clayey and silty sands. Lenses of low to medium plasticity silts and clays are also present. A low permeability sandstone layer was encountered in one test boring at 15 feet.

The soils in this area are mostly sandy, western plateau soils, inter-mixed with small quantities of clay/loam (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Flood Protection

Arch Rock lies approximately 400 feet above the Animas river to the south. One small drainage ditch lies to the north east of the location. This area is not typically subject to flooding therefore special flood protection measures are not needed.

XII. ADDITIONAL INFORMATION

As stated previously, this facility does not intentionally discharge or dispose of any waste on-site. Containment devices are installed and regularly inspected to insure proper operation. As a result, BR 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.

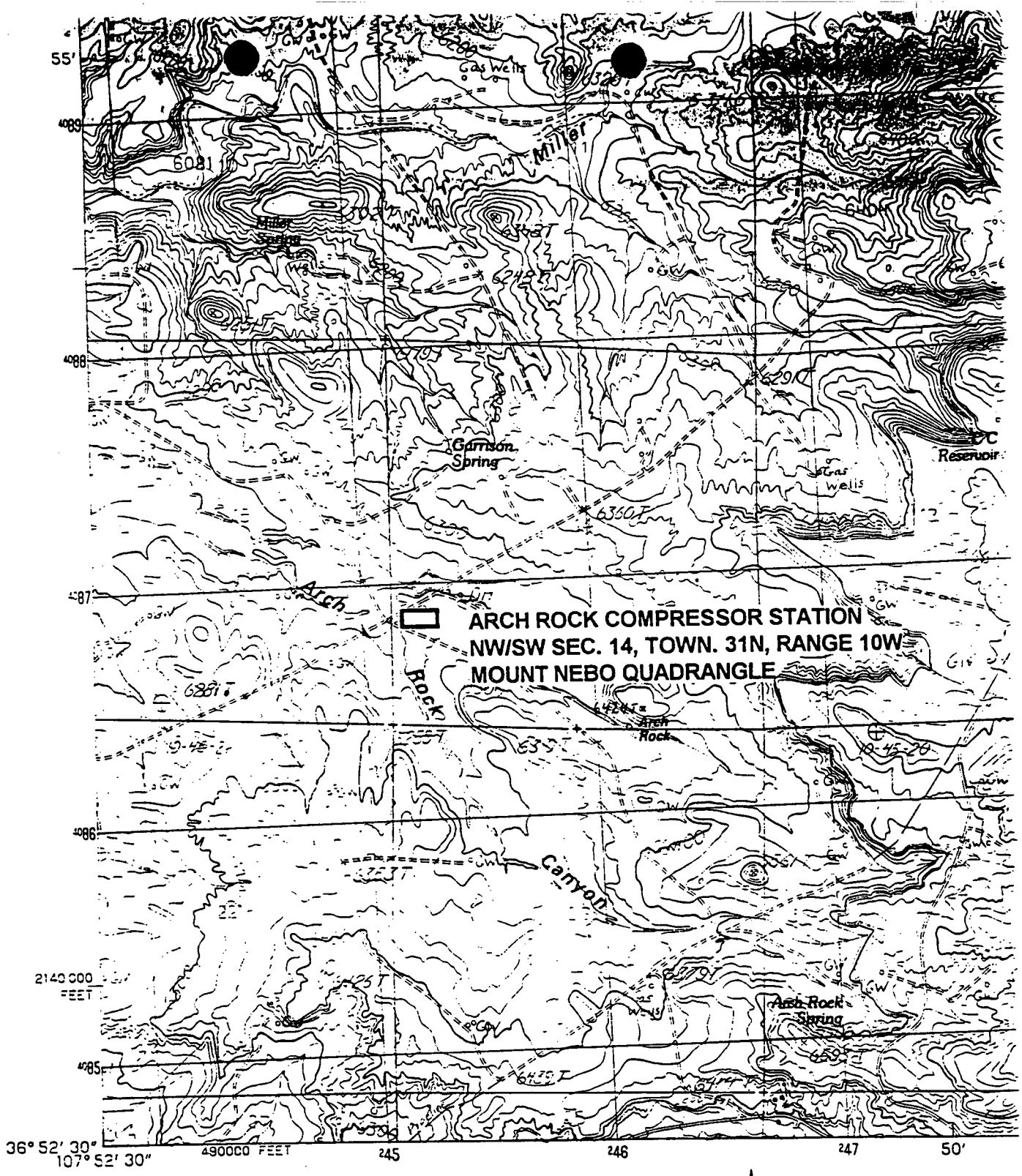
XIII. AFFIRMATION

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

Name: Greg Kardos Title: Senior Plant Supervisor

Signature: Greg Kardos Date: 1/14/2000

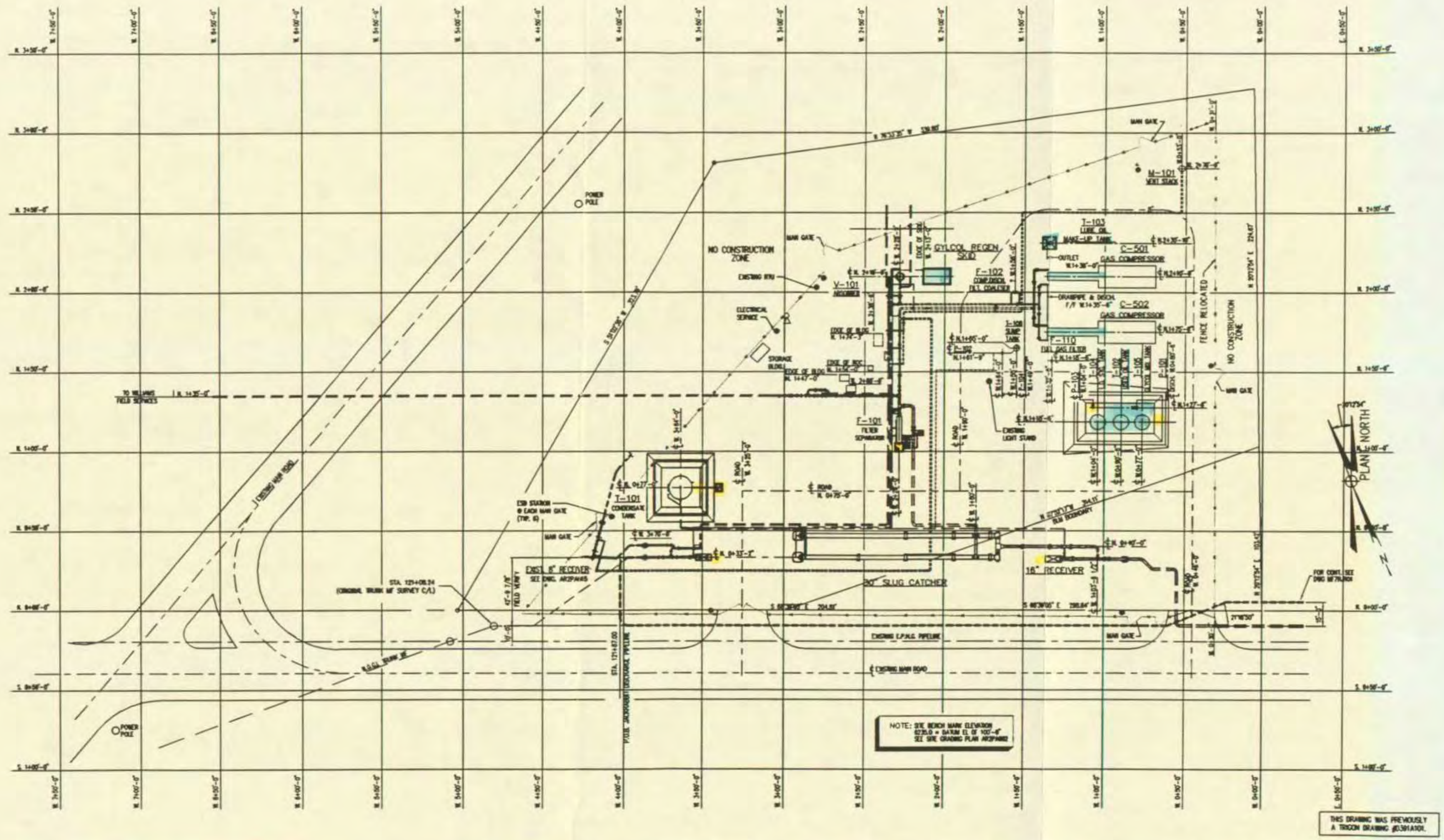
FIGURES



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13
10,000-FOOT STATE GRID TICKS ..... NEW MEXICO, WEST ZONE
COLORADO, SOUTH ZONE
UTM GRID DECLINATION ..... 1°41' WEST
1985 MAGNETIC NORTH DECLINATION ..... 12° EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM
To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters north and 55 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

FIGURE 1: Facility Area Map



NOTES:

1. PRESSURE DECLINE PROJECT - FOR GENERAL NOTES & PIPING STANDARDS SEE DWGS. AR2PA028 & AR2PA029.
2. ALL DIMENSIONS, ELEVATIONS AND LOCATIONS GENERATED ON THIS DRAWING ARE TAKEN FROM THE BEST INFORMATION AVAILABLE. FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK.

Open Top Collection Sumps

Lined Process Areas

REFERENCE DRAWINGS

DWG. NO.	TITLE
[illegible]	SITE GRADING PLAN
[illegible]	PIPING PLAN - CONDENSATE TANK & LAUNCHER AREA
[illegible]	[illegible]

REVISIONS

NO.	DESCRIPTION
	AS-BUILT [illegible]
	ISSUED FOR CONSTRUCTION - [illegible] PIPELINE
	ISSUED FOR BID FOR [illegible] PIPELINE [illegible] (TRIGON)
	AS-BUILT [illegible]
	ISSUED FOR RECORD DRAWING (TRIGON)
	ISSUED FOR CONSTRUCTION (TRIGON)

MERIDIAN OIL

FARMINGTON, NEW MEXICO

PLOT PLAN

ARCH ROCH COMPRESSOR STATION

ARCH ROCK COMPRESSOR STATION

SAN JUAN COUNTY, NEW MEXICO

AR2PA001

REV. 6

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Memorandum of Meeting or Conversation

Telephone __X___
Personal _____
Time: 11:30am
Date: January 6, 2000

Originating Party: Wayne Price-OCD

Other Parties: Ed Hasely- Burlington Resources- 505-326-9841 320-1803 cell
Fax 505-326-9725

Subject: Discharge Plan Renewal Notice for the following Burlington Facilities:
GW-183 expires 2/21/2000 ARCH ROCK
GW-194 expires 6/9/2000 FRANCES
GW-193 expires 6/9/2000 SANDSTONE
GW-058 expires 10/11/2000 HART CANYON
GW-059 expires 10/11/2000 MANZANARES
GW-056 expires 11/11/2000 GOBERNADOR

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

Discussion:
Discussed WQCC 3106F and gave Burlington Notice to submit Discharge Plan renewal application with $50.00 filing fee for the above listed facilities.

Conclusions or Agreements:

Signed: Wayne Price

CC: fax to Burlington

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Memorandum of Meeting or Conversation

Telephone __X___
Personal _____

Time: 3:30 pm
Date: January 5, 2000

Originating Party: **Wayne Price-OCD**

Other Parties: **Shanna Nava - 505-326-9537**

Subject: **Burlington Resources Discharge Plan renewal notice for the Arch Rock Commpressor St. Gw-183**

Discussion:

DP will expire Feb /21/2000

Conclusions or Agreements:

Ms. Nava will be the one to process application and send application fee of $50.00

Signed: _____

CC:

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:

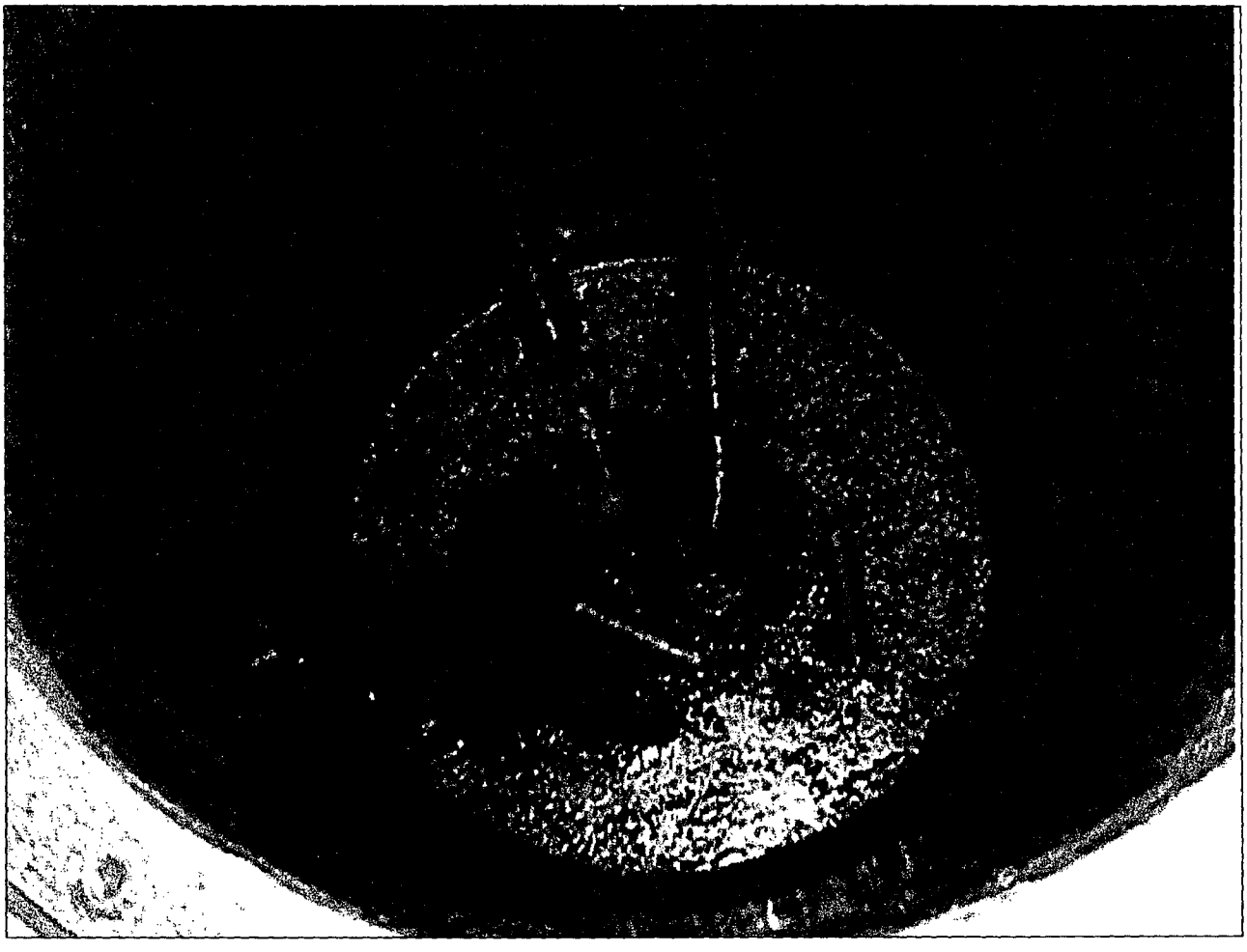
Discharge Plan Sump Inspections

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:

pector: _____
Environmental Representative

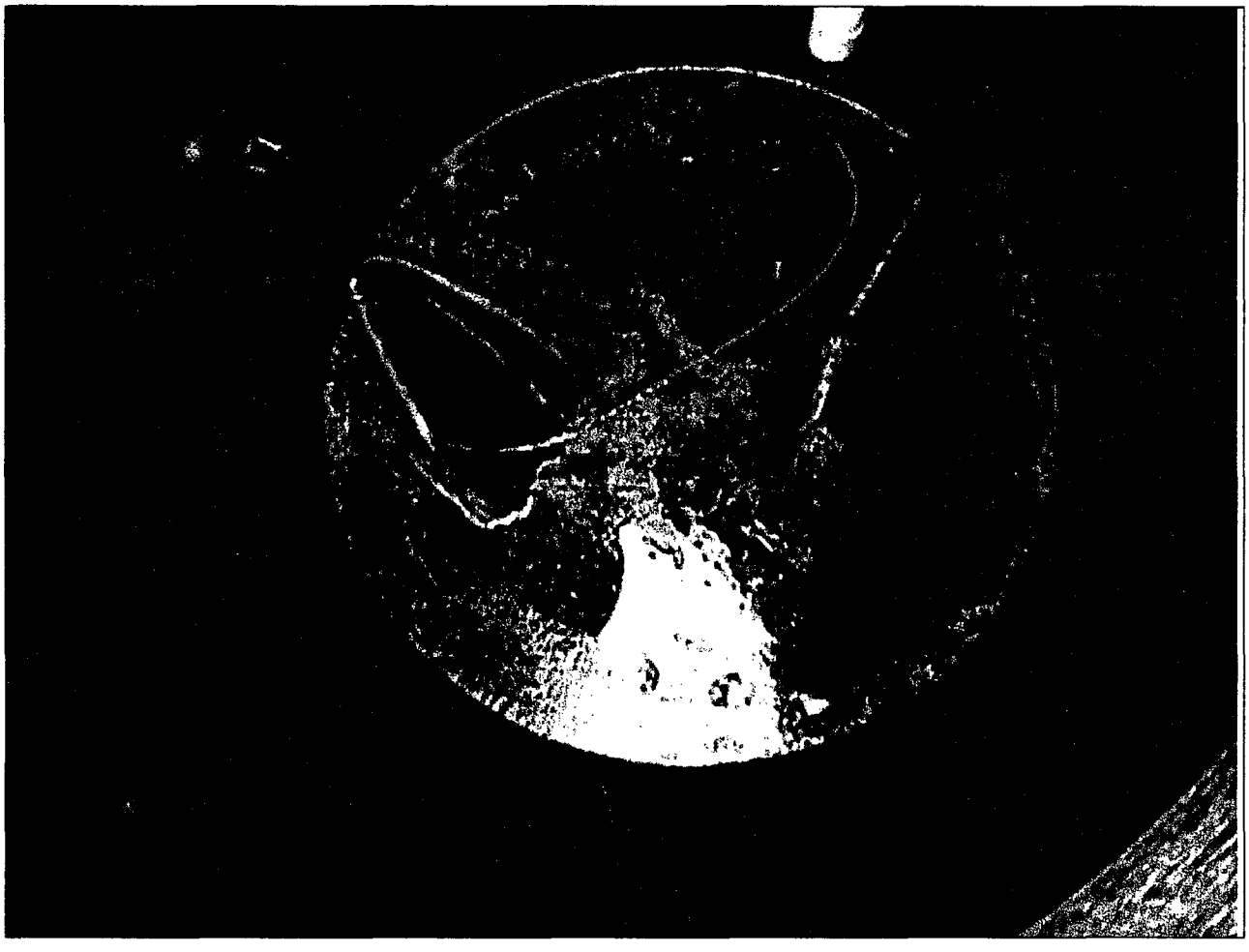
Discharge Plan Sump Inspections

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

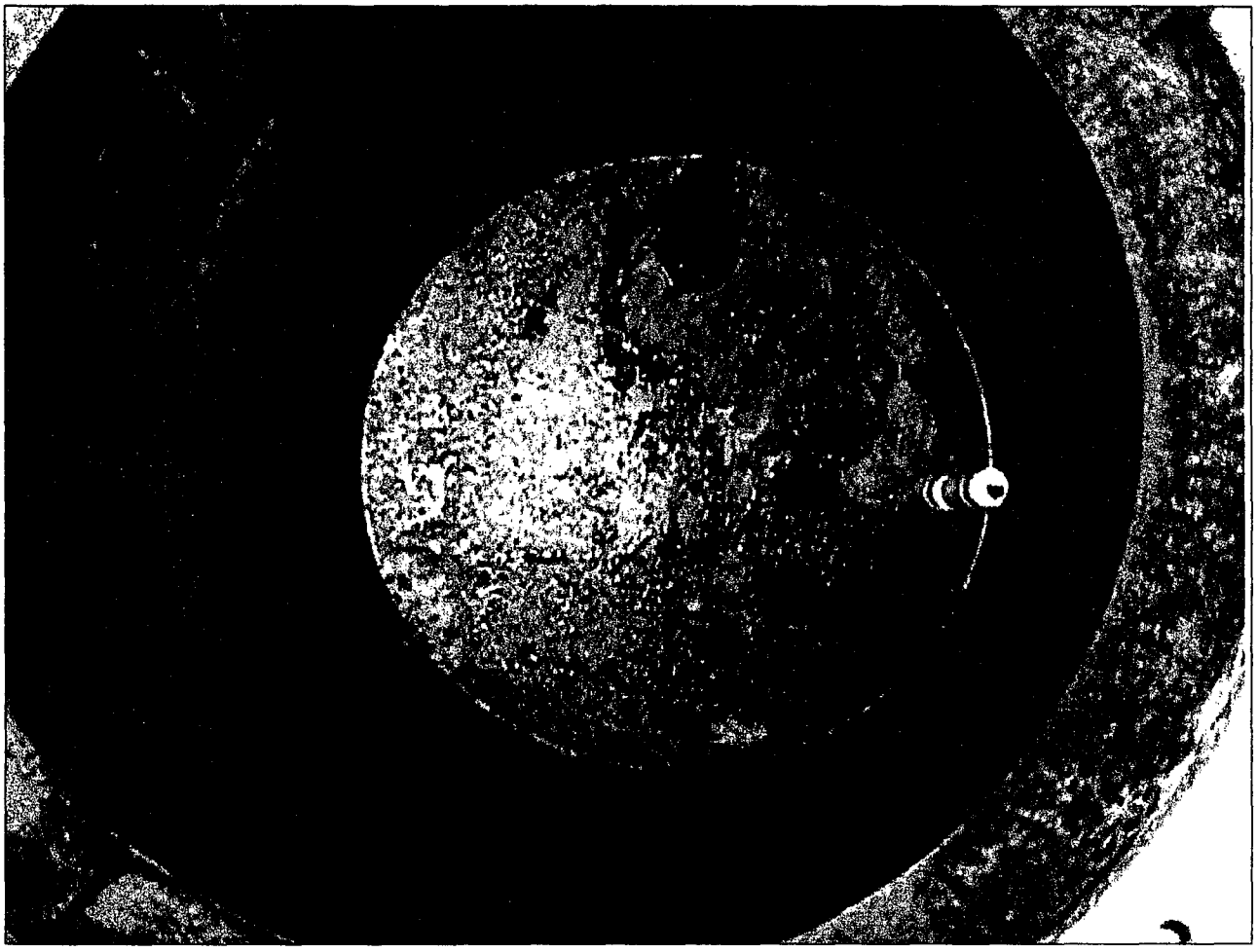
Discharge Plan Sump Inspections

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

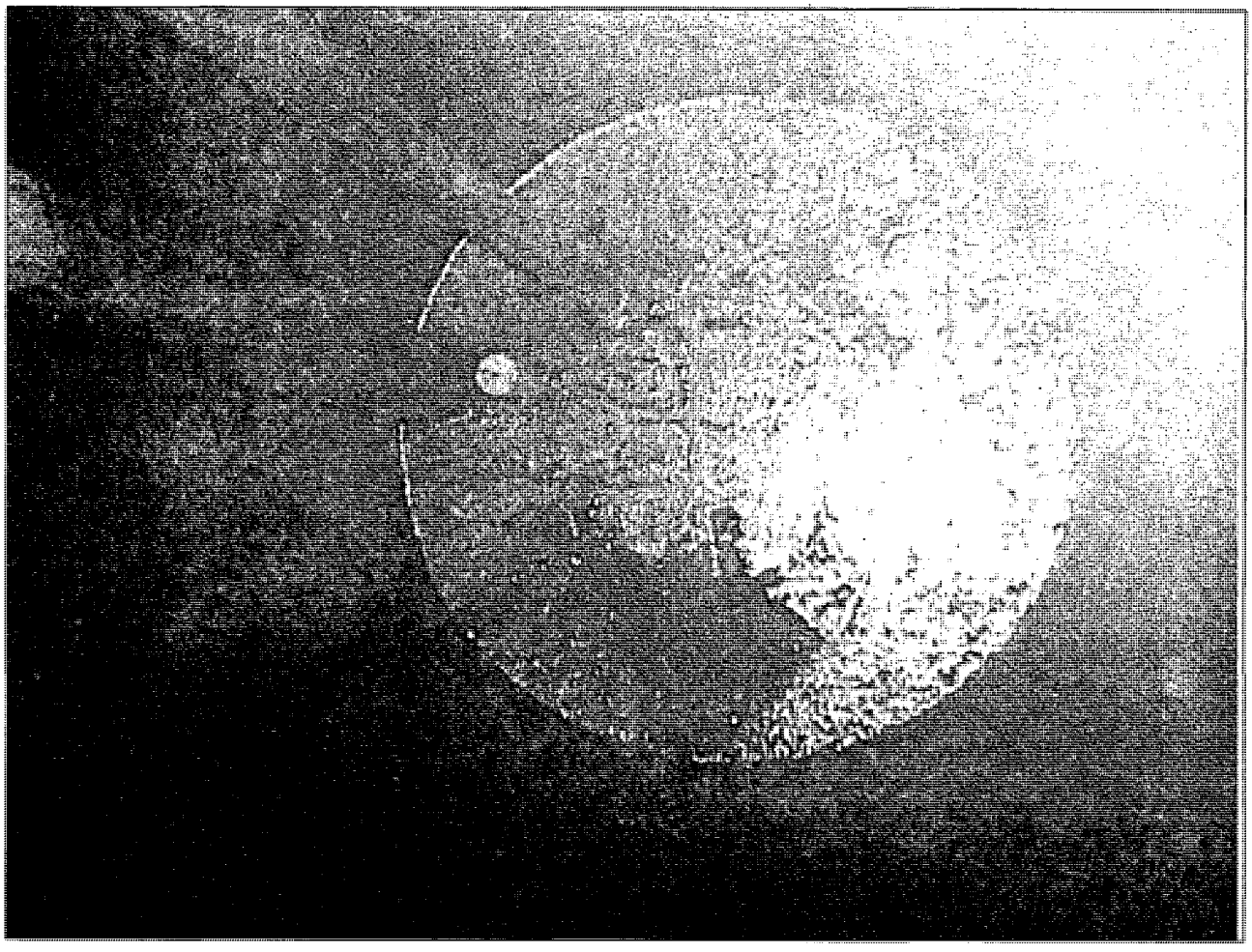
Discharge Plan Sump Inspections

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

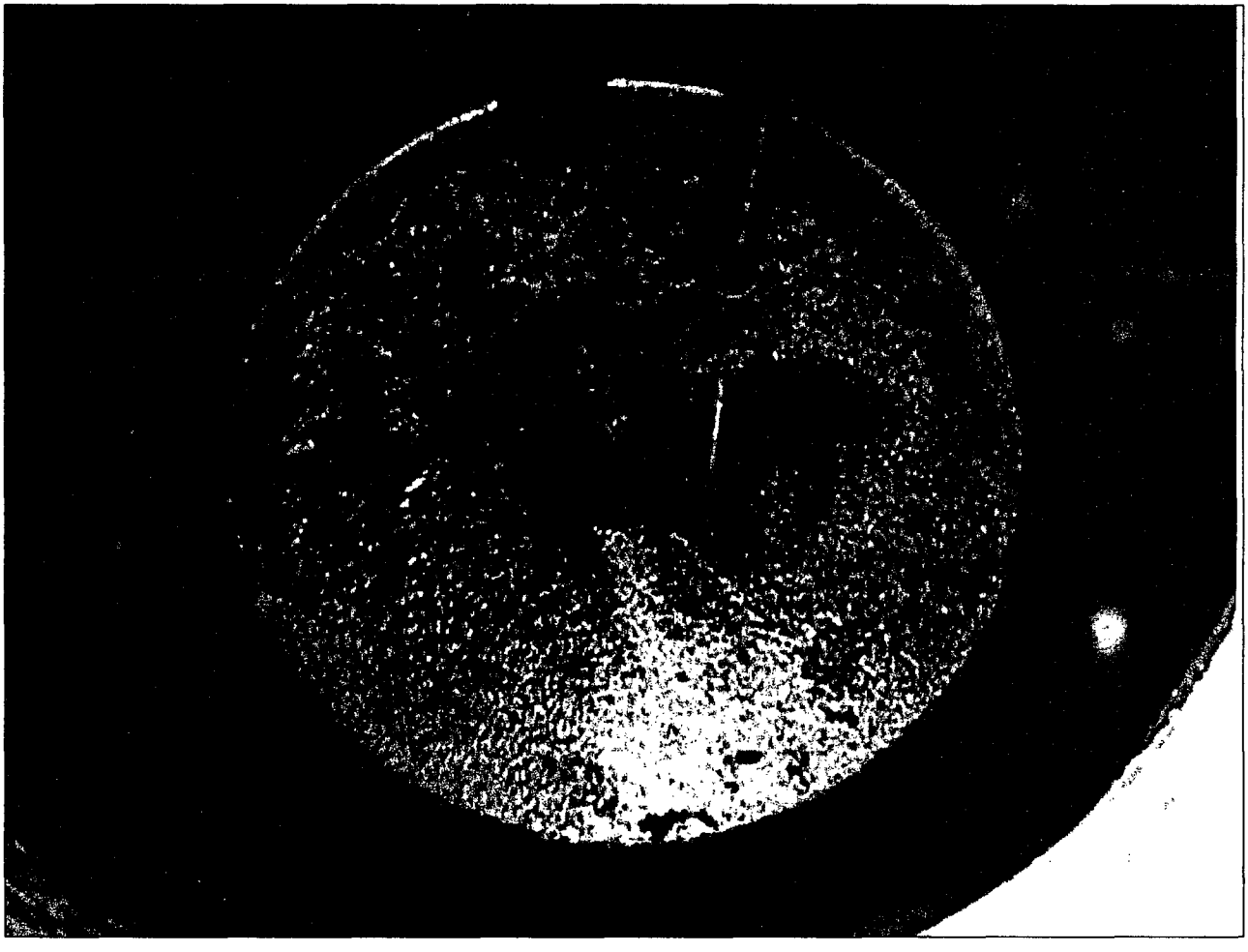
Discharge Plan Sump Inspections

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

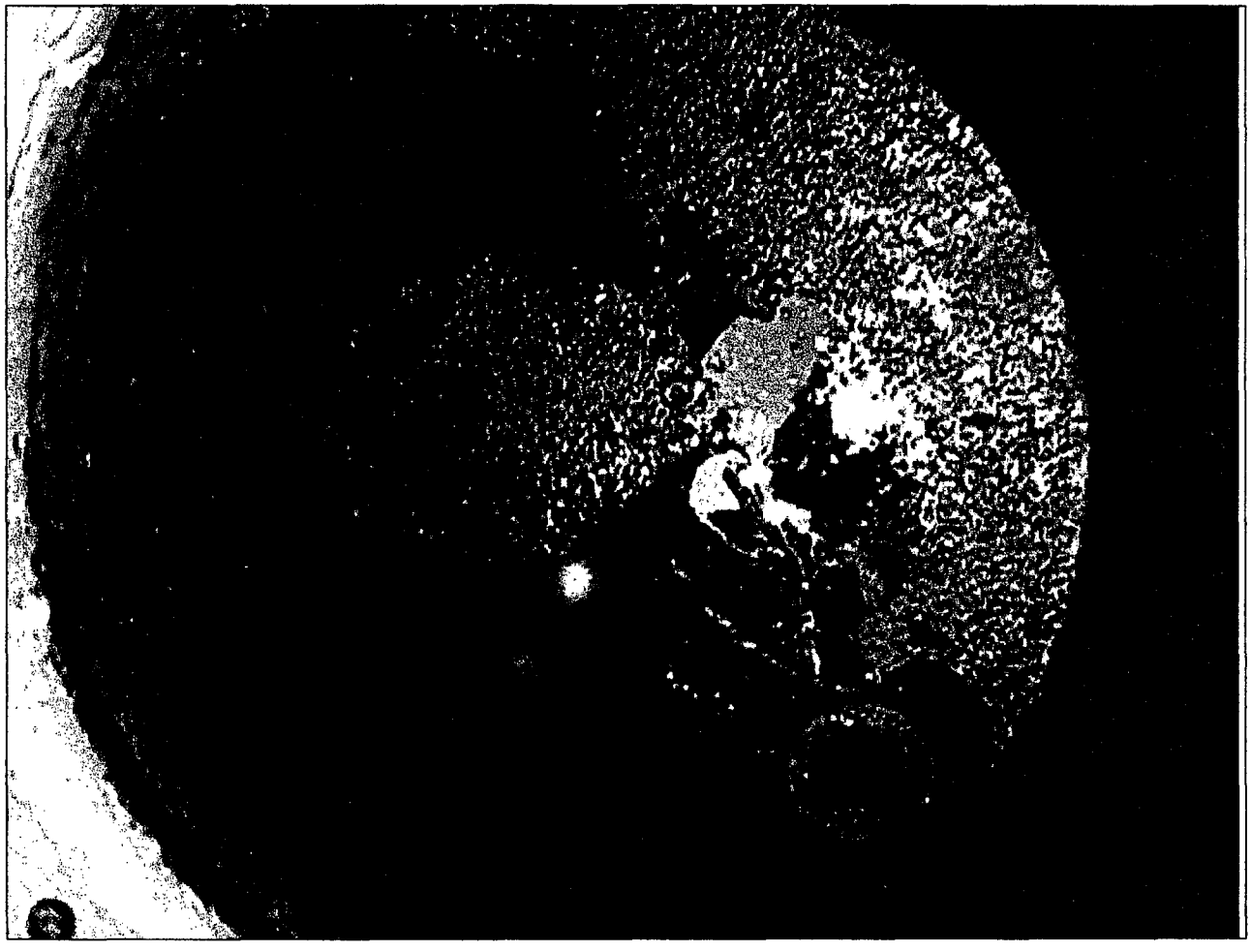
Discharge Plan Sump Inspections

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

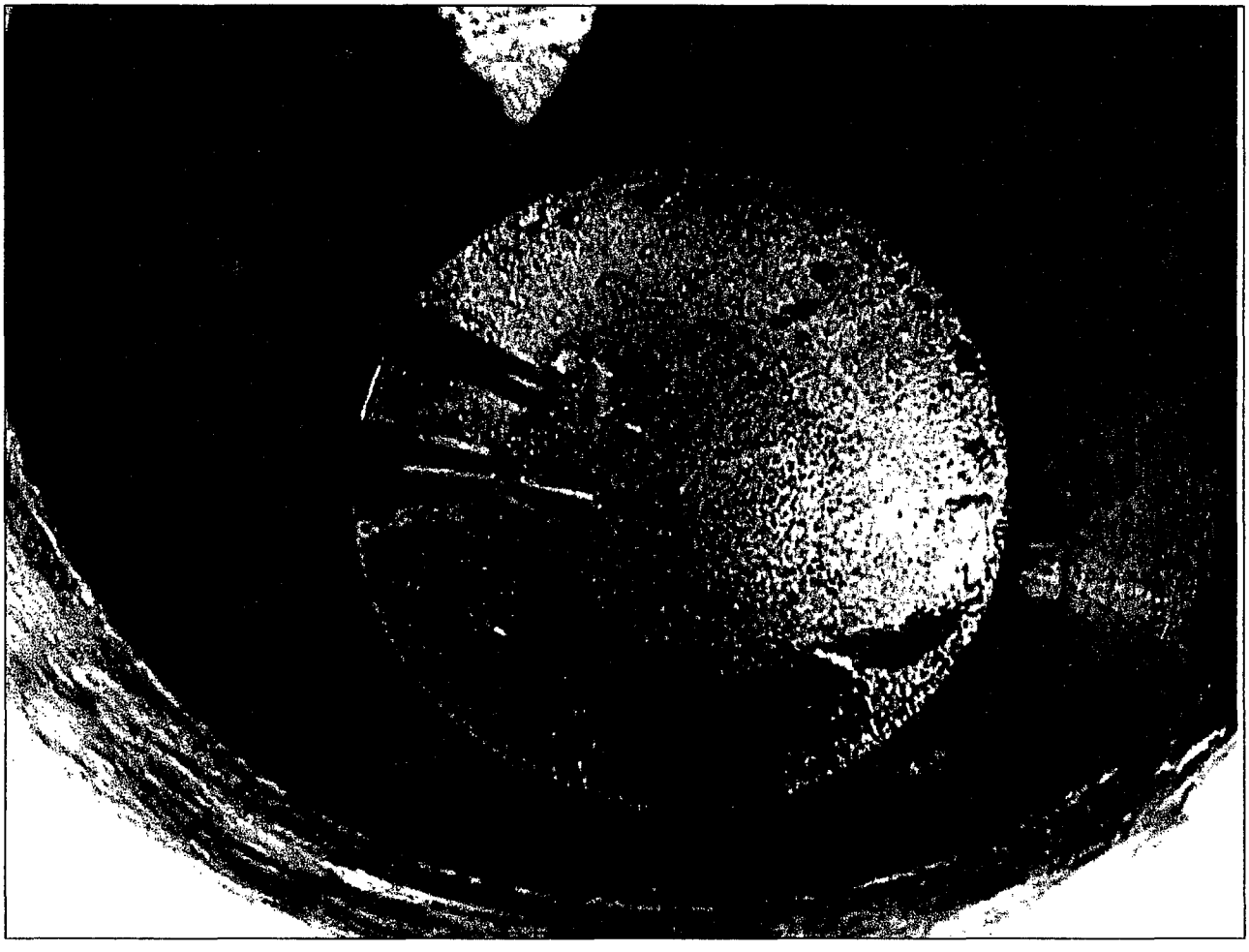
Discharge Plan Sump Inspections

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

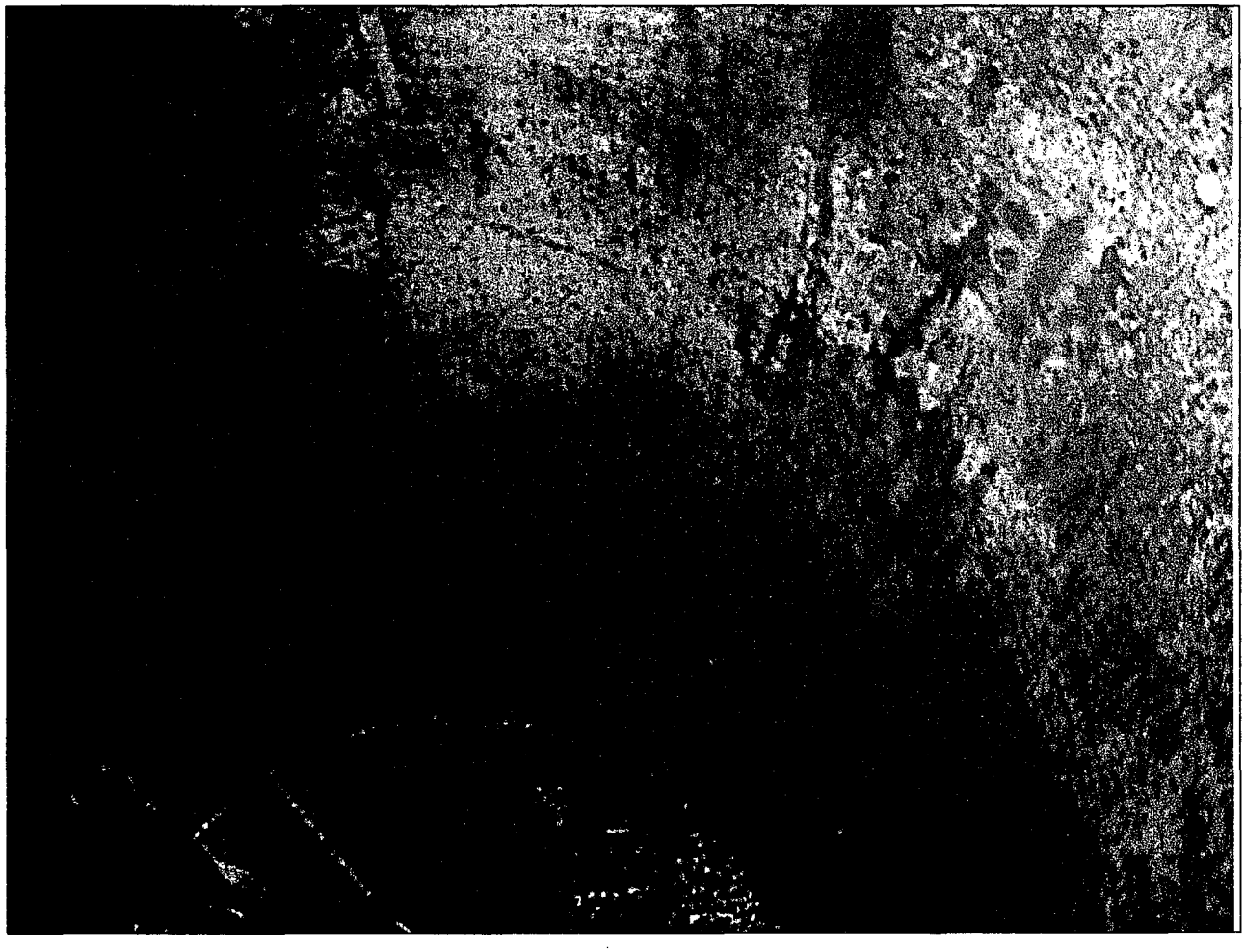
Discharge Plan Sump Inspections

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

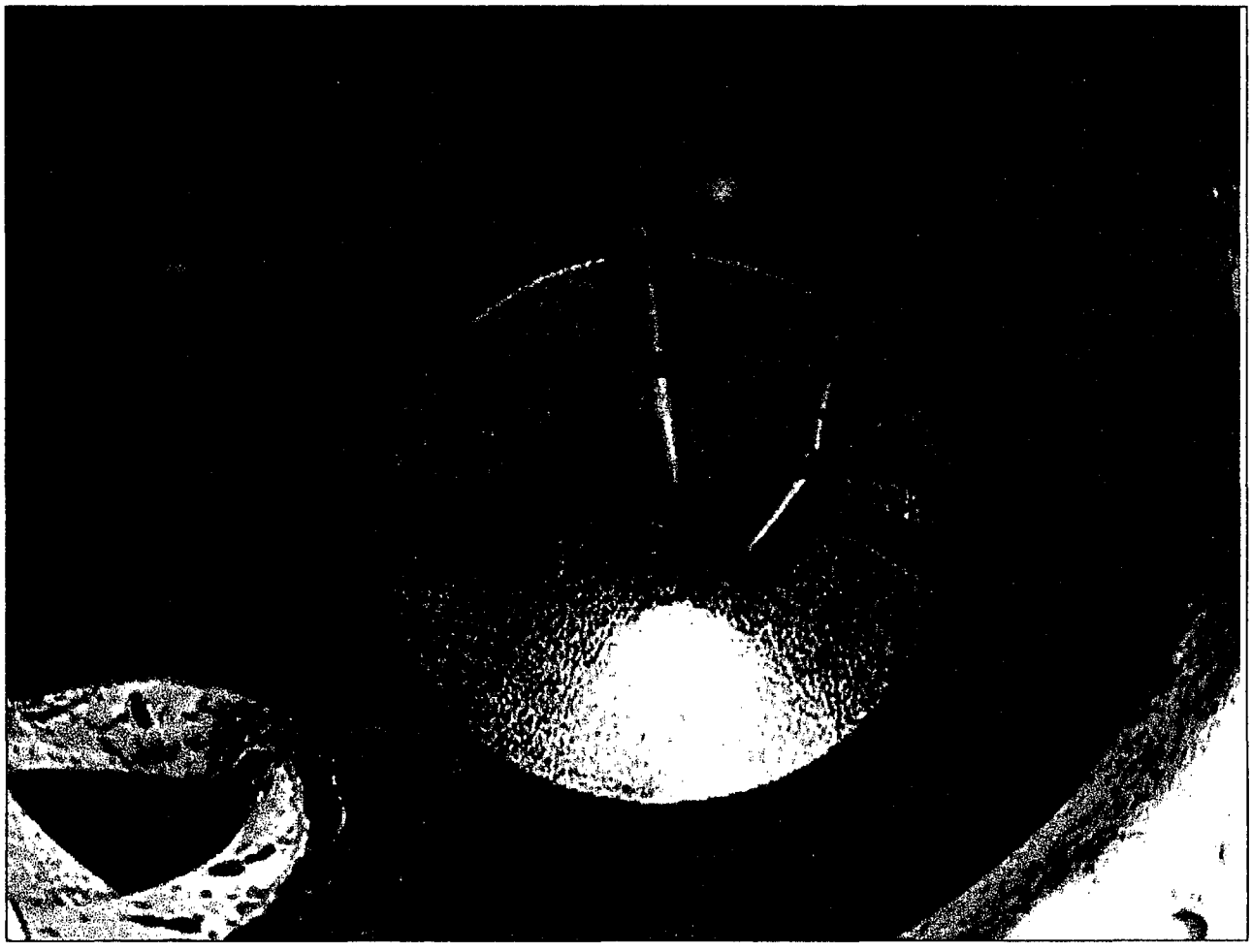
Discharge Plan Sump Inspections

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

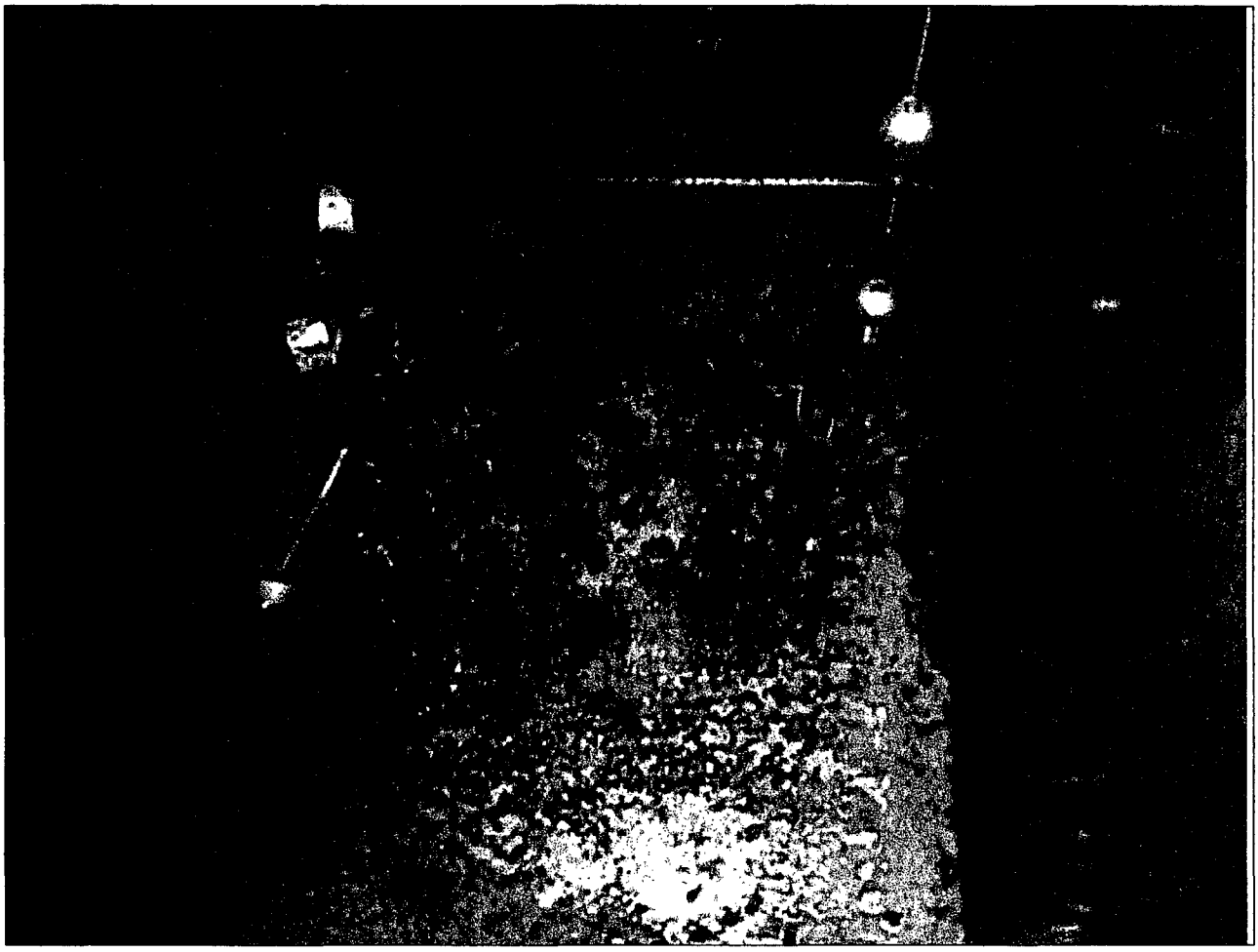
Discharge Plan Sump Inspections

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

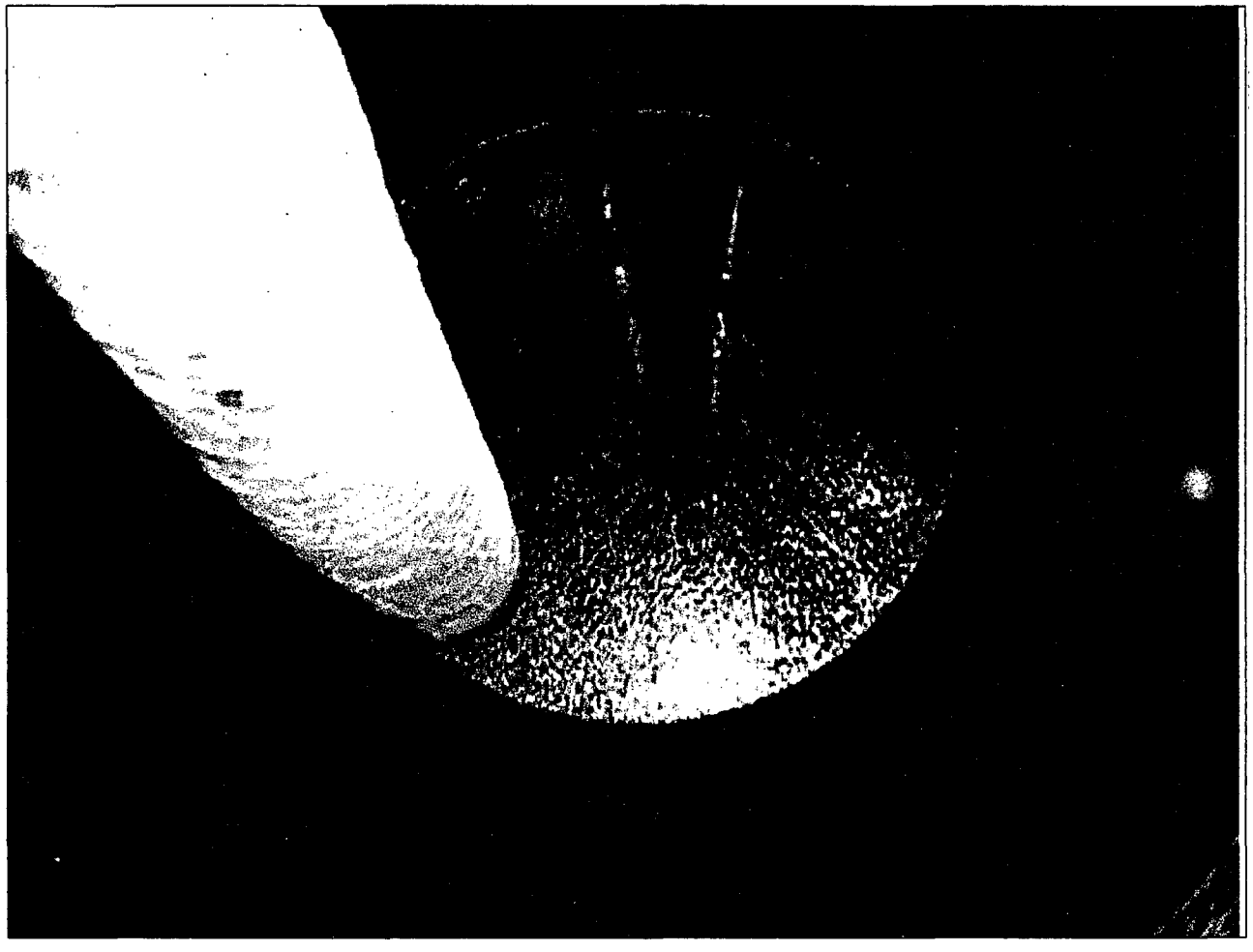
Discharge Plan Sump Inspections

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

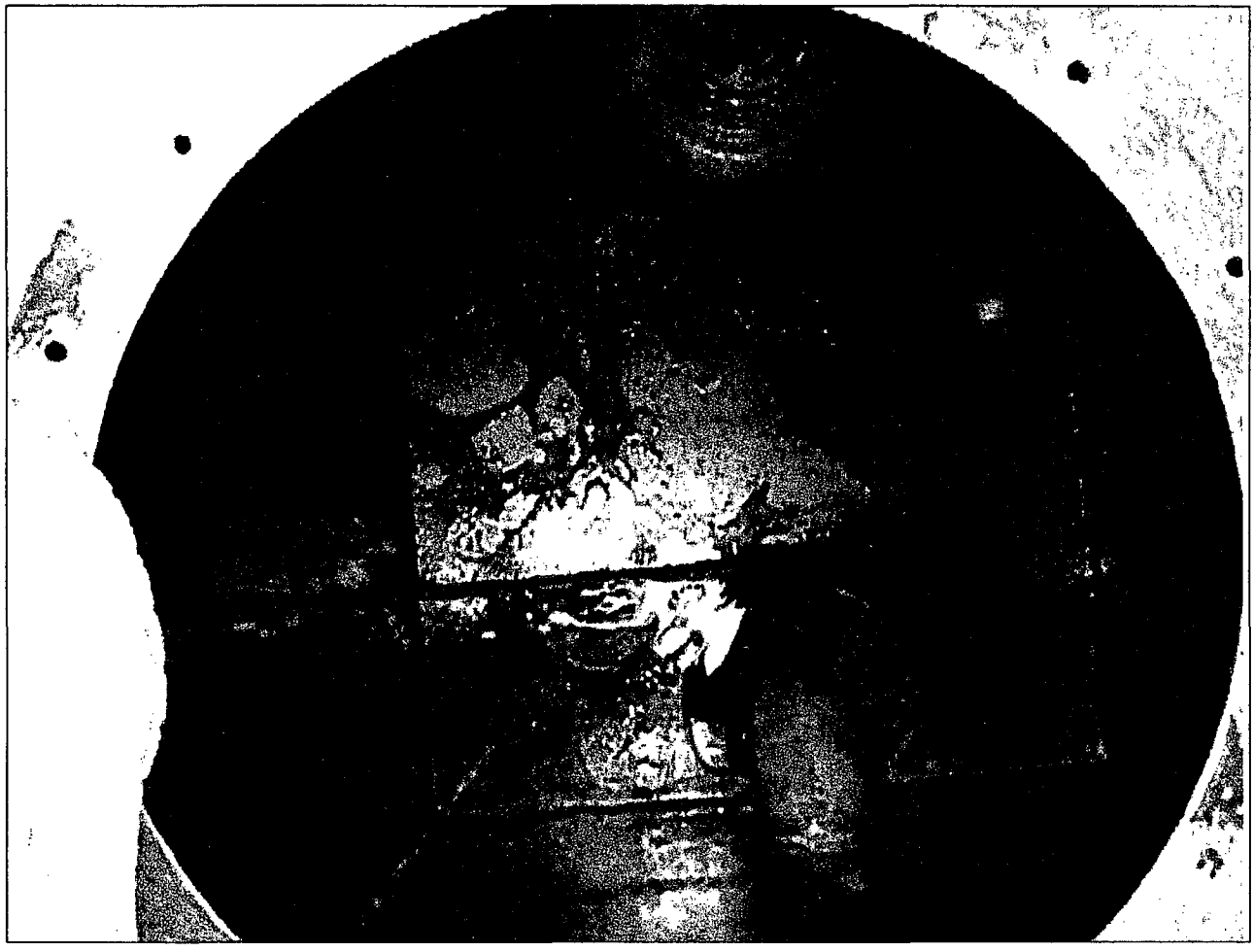
Discharge Plan Sump Inspections

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

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

MERIDIAN OIL

August 14, 1995

Certified - P 895 114 232

Mark Ashley
Geologist
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87502

Re: Arch Rock Compressor Station Ground Water Discharge Plan
Commingled Waste Stream Testing

Dear Mr. Ashley:

As required by the discharge plan (GW-183) for the above referenced facility, Meridian Oil Inc. is providing your department with the results from analysis performed on the commingled waste stream.

GW-183 was approved with the condition that the results of the analysis be forwarded to your office.

If you have any questions concerning this submittal, please contact me at 326-9537.

Sincerely,

Craig A. Bock
Environmental Representative

Attachment: (1) Analysis Results

cc: D. Thomas, MOI
Arch Rock Compressor Station: Discharge Plan\Correspondence

s:\craig\projman\formltr\notices\archanal.doc

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

ASSAIGAI ANALYTICAL LABORATORIES
7300 Jefferson, N.E. • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, E-5 • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820

Report Generated:
April 6, 1995 10:16

CERTIFICATE OF ANALYSIS
RESULTS BY SAMPLE

SENT TO: BURLINGTON ENVIRONMENTAL
4000 MONROE RD.
FARMINGTON, NM 87401

ATTN: ALLEN HAINS

WORKORDER # : 9503187
WORK ID : MOI ARCH ROCK SAMPLE
CLIENT CODE : BUR07
DATE RECEIVED : 03/22/95

Lab ID: 9503187-01A
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BROMIDE/EPA 300						
Bromide	ND	mg/L	0.50	1.0	03/22/95	WANION117
CHLORIDE/EPA 300						
Chloride	45.1	mg/L	0.50	1.0	03/22/95	WANION117
FLUORIDE/EPA 300						
Fluoride	0.6	mg/L	0.50	1.0	03/22/95	WANION117
NITRATE/NITRITE/EPA 300						
Nitrate/Nitrite as N	ND	mg/L	0.20	1.0	03/22/95	WANION117
NITRITE/EPA 300						
Nitrite as N	ND	mg/L	0.20	1.0	03/22/95	WANION117
ORTHOPHOSPHATE-P/EPA 300						
Orthophosphate as P	ND	mg/L	0.40	1.0	03/22/95	WANION117
pH/EPA 150.1						
pH	6.4	pH Units	0.10	1.0	03/22/95	WPH281
SULFATE/EPA 300						
Sulfate	9.8	mg/L	0.50	1.0	03/22/95	WANION117
TDS/EPA 160.1						
Total Dissolved Solids	11600	mg/L	1.0	1.0	03/23/95	WTDS200

Lab ID: 9503187-01B
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT
PAH'S/SW846 8310	
Naphthalene	ATTACHED
Acenaphthylene	ATTACHED
Acenaphthene	ATTACHED
Fluorene	ATTACHED
Phenanthrene	ATTACHED
Anthracene	ATTACHED
Fluoranthene	ATTACHED
Pyrene	ATTACHED
Benzo(a)Anthracene	ATTACHED
Chrysene	ATTACHED
Benzo(b)Fluoranthene	ATTACHED
Benzo(k)Fluoranthene	ATTACHED
Benzo(a)Pyrene	ATTACHED
Dibenzo(a,h)Anthracene	ATTACHED
Benzo(ghi)Perylene	ATTACHED

Lab ID: 9503187-01B
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
PAH'S/SW846 8310						
Indeno(1,2,3-cd)Pyrene	ATTACHED					

Lab ID: 9503187-01C
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
BTEX/EPA 602						
Benzene	2.0	ug/L	1.0	1.0	03/23/95	WGCVOA180
Toluene	4.3	ug/L	1.0	1.0	03/23/95	WGCVOA180
Ethylbenzene	ND	ug/L	1.0	1.0	03/23/95	WGCVOA180
P-&m-xylene	4.6	ug/L	2.0	1.0	03/23/95	WGCVOA180
O-xylene	3.8	ug/L	1.0	1.0	03/23/95	WGCVOA180

Lab ID: 9503187-01D
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
CYANIDE, TOTAL/EPA 335.2						
Cyanide, Total	ND	mg/L	0.020	1.0	03/25/95	WCNT86

Lab ID: 9503187-01E
Sample ID: WS-1
Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
CVAA Hg XT/EPA 245.1	03/27/95	N/A				
ICP DIG/SW 846 3005	03/30/95	N/A				
MERCURY (CVAA)/EPA 245.1						
Mercury	ND	mg/L	0.00020	1.0	03/27/95	WCV94
METALS by ICP/EPA 200.7						
Silver, Ag	ND	mg/L	0.020	47.61	03/31/95	WICP34R
Aluminum, Al	NT	mg/L	0.50			WICP34R
Arsenic, As	ND	mg/L	0.020	47.61	03/31/95	WICP34R
Boron, B	NT	mg/L	0.030			WICP34R
Barium, Ba	13.7	mg/L	0.010	47.61	03/31/95	WICP34R
Beryllium, Be	NT	mg/L	0.00040			WICP34R
Calcium, Ca	NT	mg/L	0.10			WICP34R
Cadmium, Cd	ND	mg/L	0.0030	47.61	03/31/95	WICP34R
Cobalt, Co	NT	mg/L	0.010			WICP34R
Chromium, Cr	ND	mg/L	0.020	47.61	03/31/95	WICP34R
Copper, Cu	NT	mg/L	0.010			WICP34R
Iron, Fe	NT	mg/L	0.20			WICP34R
Potassium, K	NT	mg/L	0.10			WICP34R
Magnesium, Mg	NT	mg/L	0.10			WICP34R
Manganese, Mn	NT	mg/L	0.0020			WICP34R
Sodium, Na	NT	mg/L	0.20			WICP34R
Nickel, Ni	NT	mg/L	0.010			WICP34R

Lab ID: 9503187-01E
Sample ID: WS-1

Collected: 03/20/95 10:45:00
Matrix: WATER

TEST / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
METALS by ICP/EPA 200.7						
Lead, Pb	ND	mg/L	0.020	47.61	03/31/95	WICP34R
Antimony, Sb	NT	mg/L	0.030			WICP34R
Selenium, Se	ND	mg/L	0.050	47.61	03/31/95	WICP34R
Thallium, Tl	NT	mg/L	0.080			WICP34R
Vanadium, V	NT	mg/L	0.0030			WICP34R
Zinc, Zn	NT	mg/L	0.10			WICP34R

For James A. Seely
Operations Manager

WORKORDER COMMENTS

DATE : 04/06/95
WORKORDER: 9503187

DEFINITIONS/DATA QUALIFIERS

The following are definitions, abbreviations, and data qualifiers which may have been utilized in your report:

ND	= Analyte "not detected" in analysis at the sample specific detection limit.
D_F	= Sample "dilution factor"
NT	= Analyte "not tested" per client request.
B	= Analyte was also detected in laboratory method QC blank.
E	= Analyte concentration (result) is an estimated value or exceeds analysis calibration range.
LIMIT	= The minimum amount of the analyte that AAL can detect utilizing the specified analysis.

Please Note: Multiply the "Limit" value (AAL's Detection Limit) by Dilution Factor (D_F) to obtain the sample specific Detection Limit.

REPORT COMMENTS

Results reflect total metal analysis.

Inchcape Testing Services
NDRC Laboratories

11155 South Main
Houston, TX 77025
Tel. 713-661-8150
Fax. 713-661-2661

SUMMARY REPORT

CLIENT : Assaigai Analytical Laboratories
CONTACT : Mr. Dan Moore
PROJECT :

JOB NUMBER : H95-1702
REPORT DATE : 3-APR-1995

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	9503187-018 WS-1	Water	20-MAR-1995
2	Method Blank	Water	23-MAR-1995

POLYNUCLEAR AROMATIC HYDROCARBONS, EPA 8310		1	2		
Acenaphthene	µg/L	< 18.0	< 18.0		
Acenaphthylene	µg/L	< 10.0	< 10.0		
Anthracene	µg/L	< 6.60	< 6.60		
Benzo(a)anthracene	µg/L	< 0.130	< 0.130		
Benzo(b)fluoranthene	µg/L	< 0.180	< 0.180		
Benzo(k)fluoranthene	µg/L	< 0.170	< 0.170		
Benzo(g,h,i)perylene	µg/L	< 0.760	< 0.760		
Benzo(a)pyrene	µg/L	< 0.230	< 0.230		
Chrysene	µg/L	< 1.50	< 1.50		
Dibenzo(a,h)anthracene	µg/L	< 0.300	< 0.300		
Fluoranthene	µg/L	< 2.10	< 2.10		
Fluorene	µg/L	< 2.10	< 2.10		
Indeno(1,2,3-cd)pyrene	µg/L	< 0.430	< 0.430		
Naphthalene	µg/L	< 18.0	< 18.0		
Phenanthrene	µg/L	< 6.40	< 6.40		
Pyrene	µg/L	< 2.70	< 2.70		

August 2, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-753

Mr. Craig Bock
Meridian Oil, Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

RE: Discharge Plan GW-183
Commingled Waste Stream Testing
Arch Rock Compressor Station
San Juan County, New Mexico

Dear Mr. Bock:

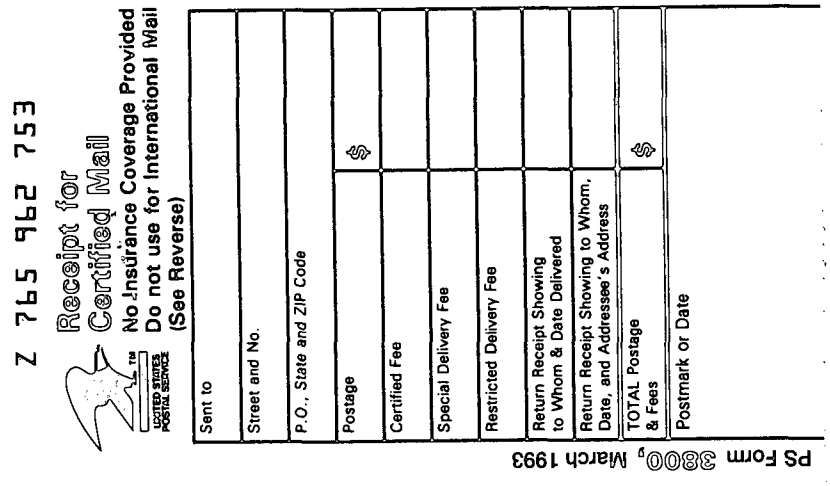
On February 21, 1995, Meridian Oil, Inc. received, via certified mail, a letter from the New Mexico Oil Conservation Division (OCD) stating that the discharge plan GW-183 for the Arch Rock Compressor Station, located in the SW4 of Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico was approved. It was approved under the condition that the commingled waste stream would be tested and the results submitted to the OCD Santa Fe Office by May 21, 1995. As of this date, the OCD has not received the required test results. Please submit them by September 2, 1995.

If you have any questions regarding this matter, please contact me at (505) 827-7155.

Sincerely,

Mark Ashley
Geologist

xc: OCD Aztec Office



ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/16/95,

or cash received on 3/28/95 in the amount of $ 1380.00

from MERIDIAN OIL

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

Submitted by: _____ Date: _____

Submitted to ASD by: ROGER ANDERSON Date: 3/29/95

Received in ASD by: _____ Date: _____

Filing Fee ___ New Facility X Renewal ___

Modification ___ Other _____ (specify)

Organization Code 521.07 Applicable FY 95

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

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

62-20
311

[redacted]
CHECK NO.

VENDOR NO.
500329

DATE	AMOUNT
03/16/95	*******$1,380.00

VOID IF NOT PRESENTED FOR PAYMENT WITHIN 60 DAYS

PAY TO THE ORDER OF
NEW MEXICO ENVIRONMENT DEPARTMENT
PO BOX 26110
SANTA FE, NM 87502

Everett D DeBois

[redacted]

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED

'95 MAR 24 PM 8 52

March 20, 1995

Certified - P 895 114 144

Mark Ashley
Environmental Geologist
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87502

Re: Ground Water Discharge Plan Fee
Arch Rock Compressor Station

Dear Mr. Ashley:

Meridian Oil Inc. is submitting the ground water discharge plan fee for the referenced facility. Attached is a check for the amount of $1,380.00.

If you have any questions concerning this submittal, please contact me at 326-9537.

Sincerely,

Craig A. Bock
Environmental Representative

Attachment: (1) Discharge Plan Fee ($1,380.00)

cc: Rick Benson, MOI
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan\Correspondence

s:\craig\projman\dschrgpl\archfee.doc

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

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

For Questions Please Call
(505) 326-9519

CONTROL NO.	REFERENCE INVOICE	DATE	PAID ON BEHALF OF	DUE VENDOR
420571273	RFC	950314	EPX GROUND WATER DISCHARGE PLAN FO R ARCH ROCK.	1,380.00

VENDOR NO. 500329 CHECK NO. [redacted]

TOTAL 1,380.00

State of New Mexico
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT
Santa Fe, New Mexico 87505

New Mexico DRUG FREE It's a State of Mind!

February 9, 1995

CERTIFIED MAIL
RETURN RECEIPT NO. Z-765-962-819

Mr. Craig Bock
Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87499-4289

Re: Discharge Plan BW-183
Arch Rock Compressor Station
San Juan County, New Mexico

Dear Mr. Bock:

As a result of the public notice pursuant to section 3-108 of the New Mexico Water Quality Control Commission Regulations, the U.S. Fish and Wildlife Service has reviewed your discharge plan application. Enclosed is a copy of their comments and recommendations for your review and consideration. Please review and respond appropriately to their recommendations and the potential for direct and indirect impacts to migratory birds.

Thank you for your attention to this matter. If you have any questions, please call me at (505) 827-7155.

Sincerely,

Mark Ashley
Environmental Geologist

Attachments

xc:OCD Aztec Office

PS Form 3800, March 1993

Postmark or Date	
TOTAL Postage & Fees	$
Return Receipt Showing to Whom, Date, and Addressee's Address	
Return Receipt Showing to Whom & Date Delivered	
Restricted Delivery Fee	
Special Delivery Fee	
Certified Fee	
Postage	$
P.O., State and ZIP Code	
Street and No.	
Sent to	

UNITED STATES POSTAL SERVICE™
Receipt for Certified Mail
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Z 765 962 819

VILLAGRA BUILDING - 408 Galisteo
Forestry and Resources Conservation Division
P.O. Box 1948 87504-1948
827-5830
Park and Recreation Division
P.O. Box 1147 87504-1147
827-7465

Mining and Minerals
827-5970
Oil Conservation
827-7131

AFFIDAVIT OF PUBLICATION

No.34161

STATE OF NEW MEXICO
County of San Juan:

ROBERT LOVETT being duly sworn says: That he 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 one publication(s) on the following day(s):

Friday, December 23, 1994

and the cost of publication was: $56.06

On 12/30 ROBERT LOVETT appeared before me, whom I kno personally to be the person who signed th above document.

My Commission Expires April 22, 1997.

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 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:

(GW-183) - Meridian Oil Inc., Craig Brock, Associate Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge application for their Arch Rock Compressor Station located in the SW/4 of Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 134 gallons per day of waste water is stored in above ground steel, and open top fiberglass tanks prior to transport to an OCD approved Class II injection well for disposal. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 51feet with a total dissolved solids concentration of approximately 1300 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 applications 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 7th day of December, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY, Director

SEAL

Legal No. 34161 published in The Daily Times, Farmington, New Mexico on Friday, December 23, 1994.

U.S. FISH & WILDLIFE SERVICE

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

NEW MEXICO ECOLOGICAL SERVICES STATE OFFICE
2105 OSUNA NE
ALBUQUERQUE, NEW MEXICO 87113
Telephone: (505) 761-4525 Fax Number: (505) 761-4542

December 19, 1994

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

Dear Mr. Lemay:

This responds to your agency's public notice dated December 7, 1994, regarding the State of New Mexico's proposal to approve the discharge plan for the applicant listed below.

> **(GW-183) - Meridian Oil Inc. The associate environmental representative has submitted a discharge plan for their Arch Rock Compressor Station located in the SW/4 of Section 14, Township 31 North, Range 10 West, San Juan County New Mexico. Approximately 134 gallons per day of waste water will be collected and stored in an above ground, closed top, steel and open top fiberglass tanks prior to disposal in an Oil Conservation Division (OCD)-approved injection well.**

It is our understanding that waste water produced by the applicant will be discharged into an open top fiberglass tank where it could become available to migratory birds. If no action is taken to avoid migratory deaths associated with this open top tank storage, then Meridian Oil may be held liable under the enforcement provisions of the Migratory Bird Treaty Act (MBTA). The MBTA prohibits the kill, capture, collection, possession, purchase, sale, shipment, import or export of any migratory bird unless authorized by a permit issued by the Department of the Interior. Illegal take has been interpreted by the courts to include among other things, accidental poisoning or accumulation of harmful levels of contaminants by migratory birds, even if the contamination event was accidental or the perpetrator was unaware of the fact that his/her actions (or failure to take action) could ultimately prove harmful to migratory birds. The strict liability provision of the MBTA precludes the necessity of proving intent and allows criminal prosecution of persons, associations, partnerships, or corporations that inadvertently or intentionally "kill or illegally take" one or more migratory birds. Therefore, the U.S. Fish and Wildlife Service recommends that a closed top fiberglass tank or some other device be used to exclude migratory birds from gaining access to the produced water as part of this OCD permit.

Thank you for the opportunity to review and comment on this discharge plan application. If you have any questions, please contact Joel D. Lusk at (505) 761-4525.

Sincerely,

Jennifer Fowler-Propst
State Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico

ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No [redacted] dated 11-17-94,

or cash received on _____ in the amount of $ 50.00

from MERIDIAN OIL

for ARCH ROCK COMPRESSOR STATION
(Facility Name)

Submitted by: _____ (DP No.) Date: _____

Submitted to ASD by: CHRIS EUSTICE Date: 12-30-94

Received in ASD by: NBM Date: 12-30-94

Filing Fee ✓ New Facility ____ Renewal ____

Modification ____ Other _____
(specify)

Organization Code 521.07 Applicable FY 95

To be deposited in the Water Quality Management Fund.

Full Payment ____ or Annual Increment ____

MERIDIAN OIL
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.

DATE	AMOUNT
11/17/94	**********$50.00

VOID IF NOT PRESENTED FOR PAYMENT WITHIN 60 DAYS

VENDOR NO.
400384

PAY TO THE ORDER OF

NEW MEXICO ENVIRONMENT
DEPT WATER QUALITY MNGT
1190 ST FRANCIS DR
SANTA FE, NM 87503

Everett D DeBois

[redacted]

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

DRUG FREE

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

December 8, 1994

ALBUQUERQUE JOURNAL
717 Silver Southwest
Albuquerque, New Mexico 87102

RE: NOTICE OF PUBLICATION

_____
_____
_____
_____

ATTN: ADVERTISING MANAGER

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 December 23 *, 1994.*

Sincerely,

Sally Martinez
Sally E. Martinez
Administrative Secretary

Attachment

PS Form 3800, March 1993

Postmark or Date
TOTAL Postage & Fees $
Return Receipt Showing to Whom, Date, and Addressee's Address
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Special Delivery Fee
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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

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

December 8, 1994

FARMINGTON DAILY TIMES
P. O. Box 450
Farmington, New Mexico 87401

ATTN: ADVERTISING MANAGER

RE: NOTICE OF PUBLICATION

Dear Sir/Madam:

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

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Sincerely,

Sally Martinez

Sally E. Martinez
Administrative Secretary

Attachment

PS Form 3800, March 1993

Postmark or Date	
TOTAL Postage & Fees	$
Return Receipt Showing to Whom, Date, and Addressee's Address	
Return Receipt Showing to Whom & Date Delivered	
Restricted Delivery Fee	
Special Delivery Fee	
Certified Fee	
Postage	$
P.O. State, Farmington, NM 87401	
Street and No. P.O. Box 450	
Sent to Farmington Daily Times	

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

Z 765 963 275

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:

(GW-183) - Meridian Oil Inc., Craig Brock, Associate Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge application for their Arch Rock Compressor Station located in the SW/4 of Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico. Approximately 134 gallons per day of waste water is stored in above ground steel, and open top fiberglass tanks prior to transport to an OCD approved Class II injection well for disposal. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 51feet with a total dissolved solids concentration of approximately 1300 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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

GIVEN under the Seal of New Mexico Conservation Commission at Santa Fe, New Mexico, on this 7th day of December, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

SEAL

WILLIAM J. LEMAY, Director

MERIDIAN OIL

November 28, 1994 *Certified - P 895 114 343*

Chris E. Eustice
Environmental Geologist
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87502

Re: Ground Water Discharge Plan
Arch Rock Compressor Station

Dear Mr. Eustice:

Meridian Oil Inc. (MOI) is providing your department with a proposed discharge plan for the referenced facility. No onsite disposal of fluids or solids will occur at this facility. All above ground storage tanks are bermed and certain process equipment has been equipped with lined containment basins to catch unintentional discharges of process fluids.

Please note that the Arch Rock Compressor Station has been in operation since November 3, 1994. An extension letter dated September 20, 1994 to MOI from Mr. W. J. LeMay allowed MOI to operate the referenced facility without a discharge plan for 120 days.

If you have any questions concerning this proposed discharge plan, please contact me at 326-9537.

Sincerely,

Craig A. Bock
Associate Environmental Representative

Attachment: (1) Discharge Plan (2 Copies)
(1) $50 Filing Fee

cc: Rick Benson, MOI
New Mexico Oil Conservation Division - Aztec Office
Arch Rock Compressor Station: Discharge Plan\Correspondence

s:\craig\projman\formltr\notices\archgwpl.doc

ARCH ROCK COMPRESSOR STATION
GROUND WATER DISCHARGE PLAN

November 28, 1994

Prepared for:

Meridian Oil, Inc.
Farmington, New Mexico

Prepared by:

Craig A. Bock

TABLE OF CONTENTS

ARCH ROCK COMPRESSOR STATION
GROUND WATER DISCHARGE PLAN

I. TYPE OF OPERATION

The Arch Rock Compressor Station (Arch Rock) is a gas compressor station which receives lean gas via an upstream gas gathering system. At this facility the gas is dehydrated and compressed to sales line pressure.

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: Craig A. Bock	Address: P.O. Box 4289
City: Farmington	State: New Mexico
Zip: 87499-4289	Phone: 505-326-9537

III. FACILITY LOCATION

Township: T 31N	Range: R 10W	Section: S 14 SW1/4	County: San Juan

A topographic map of the area is attached as Figure 1, Facility Area Map.

IV. LANDOWNERS

Name: Meridian Oil, Inc.	Address: P.O. Box 4289
City: Farmington	State: New Mexico
Zip: 87499-4289	Phone: (505) 326 - 9700
Name: BLM	Address: 1235 La Plata Hwy.
City: Farmington	State: New Mexico
Zip: 87499	Phone: (505) 599 - 8900

V. FACILITY DESCRIPTION

The Arch Rock is constructed on a pad of approximately 2.9 acres in size. It consists of two gas compression engines (1600 hp each), one dehydration unit, and the following tanks and sumps:

Container Type	Capacity	Product	Construction Material	Location
Tank	100 barrel	Lube Oil	Steel	Above ground
Tank	100 barrel	Used Oil	Steel	Above ground
Tank	100 barrel	Ethylene glycol (EG)	Steel	Above ground
Tank	500 barrel	Condensate	Steel	Above ground
Tank	750 gallon	Triethylene glycol (TEG)	Fiberglass	Above ground
Open top tank	1000 Gallon	Produced Water	Fiberglass	Above ground
Process Sump	300 gallon	Used Oil	Steel	Below ground

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

VI. SOURCES, QUANTITIES & QUALITY OF EFFLUENTS

A. Waste Stream Data

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Collection System/Storage
Dehydration Unit	Produced Water	3 barrels	None	Fiberglass open-top tank
Dehydration Unit	TEG	Intermittent	None	Drums
Dehydration Unit	Used TEG Filters	3	None	Container/bin
Compressor Engines	Cooling Water	Intermittent	Ethylene Glycol (EG)	Drums
Compressor Engines	Leaks and Precipitation	Intermittent	EG, Oil, Water	Sump
Compressor Engines	Used Oil	100 gallons	None	Aboveground steel tank
Compressor Engines	Oil Filters	4	None	Container/bin
Inlet Filter Separator	Produced Water	23 barrels	None	Aboveground steel tank
Discharge Filter Coalesser	Used Oil	60 gallons	none	Aboveground steel tank
30" Slug Catcher	Produced Water	70 barrels	Corrosion Inhibitors	Aboveground steel tank
Trash	Solid Waste	1-2 Containers	None	Container/bin

B. Quality Characteristics

1. Note that there are no process waste stream discharges from Arch Rock. 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 inlet filter separator, discharge filter coalesser, and the dehydration unit may contain the BETX hydrocarbon compounds listed in WQCC 1-101.UU. Similarly, used oil collected in the sumps will contain the WQCC 1-101.UU hydrocarbon compounds.

C. Commingled Waste Streams

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

VII. TRANSFER & STORAGE OF PROCESS FLUIDS & EFFLUENTS

A. Storage

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

B. Flow Schematics

The individual "treatment" units are shown on Figure 2. Produced water may be generated during the compression and dehydration of the gas with the water being diverted to an open top tank. Produced water can also be removed at the dehydration units and stored in the open top tanks. The equipment at Arch Rock are self contained 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 sumps. Pressurized pipelines carry the compressed gas through the dehydration unit and outlet meter to the sales line.

2. Used compressor lube oil and engine crankcase oil is drained into the 100 barrel used oil tank. Overflow and leaks from the compressors, compressor engines and elevated lube oil tank drain into the sump. Fluids collected in the sump are periodically transferred to the 500 bbl above ground storage tank for disposal (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. NMOCD Design Criteria

1. The 100 bbl used oil tank, EG tank, and lube oil tank are located in a 122' x 54' x 2' bermed area equipped with a plastic liner and fluid collection area. Capacity of the bermed area meets the general engineering practice of one and one third times the capacity of the largest tank. Each of the three tanks are independent and are not conected together by a common manifold.

A 25' x 25' x 4' berm is placed around the 500 bbl condensate tank. The condensate tank is placed on a gravel pad to help detect any leaks that may occur.

The TEG regeneration skid is equipped with a concrete pad with containment curbs to capture any leaks that may occur during the TEG regeneration process or from the 750 gallon TEG storage tank.

2. A gravel pad is placed under the 500 bbl above ground condensate tank for leak detection. All of the other three above ground storage tanks at the facility are placed on a plastic liner within the bermed area to aid in leak detection and containment.

E. Underground Pipelines

Mechanical integrity testing of the underground process pipelines is performed only on an "as needed" basis, at this time.

F. Proposed Modifications

The existing site conditions at Arch Rock provide protection from present or future ground water contamination. All plant processes are closed pipe, contained in tanks, or otherwise controlled to prevent leakage. No additional modifications are proposed at this time.

VIII. EFFLUENT DISPOSAL

A. On-Site Disposal

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

B. Off-Site Disposal

The following table provides information about off-site waste disposal:

Waste Stream	Shipment Method	Shipping Agent	Final Disposition	Receiving Facility
Produced Water	**Truck**	*See Note 1*	**Class II Well**	*See Note 2*
TEG Filters	**Truck**	*See Note 3*	**TEG recycled Filters landfilled**	*See Note 2*
Cooling Water	**Truck**	**Contractor varies**	**Recycle or stabilization/land farm or landfill**	*See Note 4*
Used Oil	**Truck**	*See Note 1*	**Recycle**	**Storage 1 Facility Meridian Oil, Inc. 3535 E. 30th Farmington, NM**
Oil Filters	**Truck**	*See Note 3*	**Oil recycled Filters disposed**	**Waste Management Road 3100 Aztec, NM**
Solid Waste	**Truck**	**Waste Management Road 3100 Aztec, NM**	**Landfill**	**Waste Management Road 3100 Aztec, NM**

Note 1: The trucking agent contracted to ship effluents off-site will be one of the following:

Dawn Trucking Co.
318 Hwy. 64
Farmington, New Mexico.

Chief Transport
604 W. Pinon
Farmington, New Mexico

Three Rivers Trucking
603 Murray Drive
Farmington, New Mexico

Sunco Trucking
708 S. Tucker Ave.
Farmington, New Mexico

Note 2: The off-site Disposal Facility will be one of the following:

McGrath SWD #4
Sec. 34, T-30-N, R-12-W
San Juan County
New Mexico

Basin Disposal
Sec. 3, T-29-N, R-11-W
6 County Rd 5046
Bloomfield, New Mexico

Sunco Disposal
Sec. 2, T-29-N, R-12-W
323 County Rd. 3500
Farmington, New Mexico

Note 3: The shipping agent for this material will be one of the following companies:

Waste Management
Road 3100
Aztec, New Mexico

Henry Production
601 S. Carlton Ave.
Farmington, New Mexico

Overland Dehy
5895 US Hwy. 64
Bloomfield, New Mexico

Note 4: Off-site receiving facility for these materials will be one of the following:

Envirotech
5796 US Hwy. 64
Farmington, New Mexico

Waste Management
Road 3100
Aztec, New Mexico

Tierra Environmental
Sec. 2, T-29-N, R-12-W
San Juan County
New Mexico

IX. INSPECTION, MAINTENANCE AND REPORTING

A. Leak Detection

The below ground sump is equiped with double walls and a leak detection system that provides a discrete alarm which can be viewed through the stations telemetry system.

The 100 bbl storage tanks are placed on a liner within a berm to aid in detecting any leaks from the storage tanks.

B. Precipitation/Runoff

Storm water run-off does not come in contact with process waste streams. Any precipitation that contacts the process equipment is collected in the process sump or contained within containment skids and allowed to evaporate. The facility pad is maintained to prevent surface accumulations. Open top tanks are inspected periodically to monitor fluid levels.

X. SPILL/LEAK PREVENTION & REPORTING

A. Spill/Leak Potential

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

1. tank overflow or rupture;
2. overflow or cracking of concrete sumps;
3. rupture of process pipelines.
4. pigging operations

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

To reduce the risk of spilled process fluids from contacting the ground surface, MOI has constructed curbed concrete or lined containment under process equipment with a higher probability of a spill/leak. Each of the containment basins either has a small open top collection area or a drain to the process sump to aid in fluid disposal.

B. Spill/Leak Control

General spill cleanup procedures may involve minor earthwork to prevent migration, and recovery of as much free liquid as possible. Recovered fluids would then be transported off-site for recycling or disposal. Based on existing literature, analysis and regulatory guidelines, any contaminated soil will either be left in place, transferred to other existing waste-management areas, or transported off-site for proper disposal.

C. Spill/Leak Reporting

Should a release of materials occur, MOI will comply in accordance with provisions described in NMOCD Rule and Regulation #116.

XI. SITE CHARACTERISTICS

Much of the information used for this section was obtained from New Mexico Bureau of Mines and Mineral Resources publications and a geotechnical report written for MOI by Western Technologies Inc. in July of 1991. The report was generated to document physical characteristics of soils in the area of Arch Rock for the purposes of construction. Documentation of the soils involved drilling four boreholes (ranging from 15' to 20' in depth), classifying and logging each soil type as it was encountered. The geotechical survey is not included with this discharge plan.

A. Surface Water

There is one drainage ditch which runs along the north edge of the site. There are no known domestic water supplies or surface water bodies within one mile of Arch Rock.

B. Ground Water

Cathodic well data in the area indicates the depth to ground water to be approximately 51 feet. No ground water was encountered during construction activities or during test borings for the geotechnical survey.

Ground water flow direction is likely to be northeast, based on a review of topographic features at the site. This would be consistent with an existing drainage ditch which runs along the north edge of the site.

The aquifer most likely to affected by a discharge in this area is the Nacimiento/Animas (Paleocene). This formation is characterized by interbedded black carbonaceous mudstones and white, coarse-grained sandstones. The thickness of the formation ranges up to 2,660 feet, in the center of the San Juan Basin (New Mexico Bureau of Mines and Mineral Resources, 1983).

Total Disolved Solids (TDS) of water from this formation is estimated to be greater than 1300 mg/l (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Subsurface Soils

The site is underlain predominately by clayey and silty sands. Lenses of low to medium plasticity silts and clays are also present. A low permeability sandstone layer was encountered in one test boring at 15 feet.

The soils in this area are mostly sandy, western plateau soils, inter-mixed with small quantities of clay/loam (New Mexico Bureau of Mines and Mineral Resources, 1983).

C. Flood Protection

Arch Rock lies approximately 400 feet above the Animas river to the south. One small drainage ditch lies to the north east of the location. This area is not typically subject to flooding therefore special flood protection measures are not needed.

XII. ADDITIONAL INFORMATION

As stated previously, this facility does not intentionally discharge or dispose of any waste on-site. Containment devices are 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.

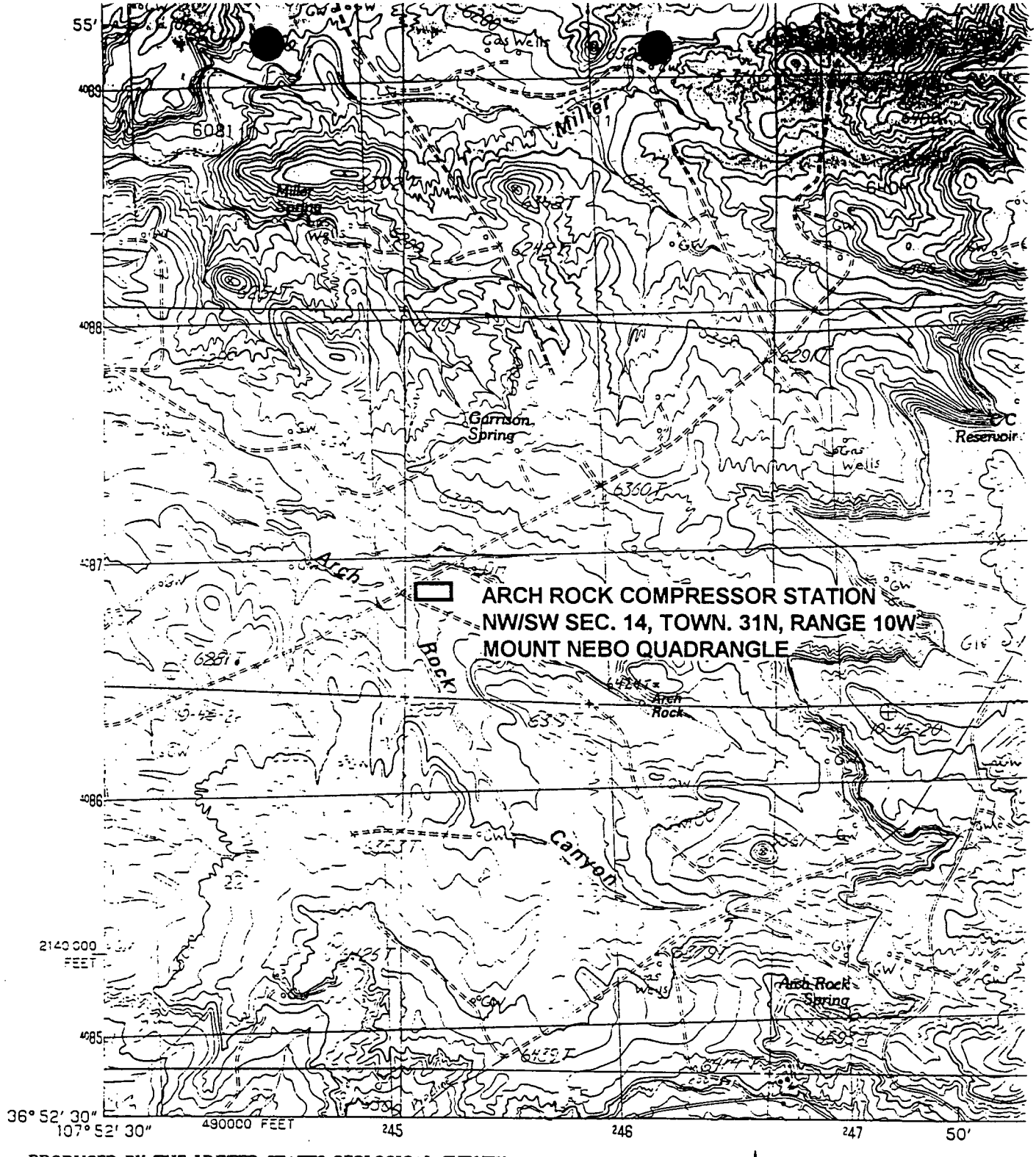
XIII. AFFIRMATION

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

Name: Danny Hill Title: Plants and Pipelines Manager

Signature: Danny W Hill Date: 11/12/04

FIGURES



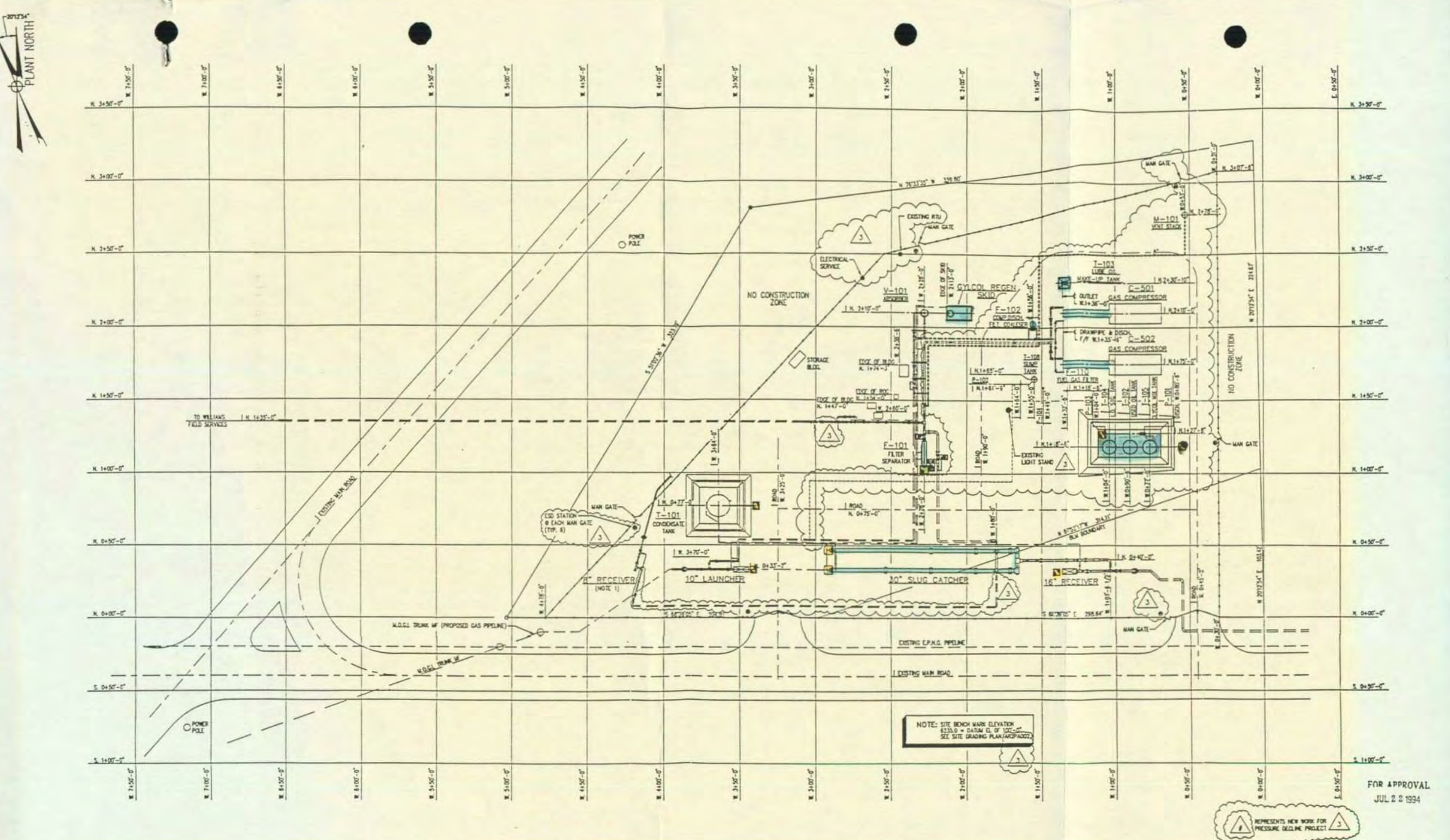
PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED ..... 1981 MAP EDITED 1985
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13
10,000-FOOT STATE GRID TICKS ..... NEW MEXICO, WEST ZONE
COLORADO, SOUTH ZONE
UTM GRID DECLINATION ..... 1°41' WEST
1985 MAGNETIC NORTH DECLINATION ..... 12° EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (2 meters north and 55 meters east)

There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check

FIGURE 1: Facility Area Map



PLANT NORTH
NO CONSTRUCTION ZONE
V-101 ABSORBER
GYLCOL REGEN SKID
F-102
T-103 LUBE OIL MAKE-UP TANK
C-501 GAS COMPRESSOR
C-502 GAS COMPRESSOR
M-101 VENT STACK
EXISTING RTU
MAN GATE
ELECTRICAL SERVICE
POWER POLE
STORAGE BLDG.
TO WILLIAMS FIELD SERVICES
F-101 FILTER SEPARATOR
EXISTING LIGHT STAND
T-101 CONDENSATE TANK
ESD STATION @ EACH MAN GATE (TYP. 6)
8" RECEIVER (NOTE 1)
10" LAUNCHER
20" SLUG CATCHER
16" RECEIVER
EXISTING MAIN ROAD
EXISTING E.P.N.G. PIPELINE
EXISTING MAIN ROAD
NOTE: SITE BENCH MARK ELEVATION 6235.0 = DATUM EL OF 100'-0". SEE SITE GRADING PLAN AR2PA002.
FOR APPROVAL
JUL 22 1994
REPRESENTS NEW WORK FOR PRESSURE DECLINE PROJECT

NOTES:

1. RECEIVER EXISTING, BUT PREVIOUSLY NOT SHOWN.

■ - Open Top Collection Sumps

■ - Lined Process Areas

DWG. NO.	TITLE
AR2PA003	DRAWING INDEX
AR2PA002	SITE GRADING PLAN

NO.	DESCRIPTION
3	REVISED AS NOTED- ISSUE FOR CONSTRUCTION
2	REVISED AS NOTED- ISSUE FOR APPROVAL
1	ISSUED FOR RECORD DRAWING
0	ISSUED FOR CONSTRUCTION

MERIDIAN OIL

FARMINGTON, NEW MEXICO

FIGURE 2: Arch Rock Plot Plan

TRIGON ENGINEERING INC.
DENVER COLORADO

AR2PA001

MERIDIAN OIL
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
420545567	RFC	941109	EPX FILING FEE FOR GROUND WATER DISCHARGE PLAN	50.00

VENDOR NO. 400384 CHECK NO. [redacted]

TOTAL 50.00

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

September 30, 1994

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

CERTIFIED MAIL
RETURN RECEIPT NO. P-176-012-250

Mr. Craig Bock
Meridian Oil, Inc.
P.O. Box 4289
Farmington, New Mexico 87499-4289

Re: Archrock Compressor Station
San Juan County, New Mexico

Dear Mr. Bock:

The Oil Conservation Division (OCD) has received Meridian Oil, Inc.'s (MOI) request dated September 27, 1994 for a 120 day authorization to discharge without an approved discharge plan at the Archrock Compressor Station.

Pursuant to Section 3-106.B. of the New Mexico Water Quality Control Commission (WQCC) regulations and for good cause shown, MOI is hereby authorized to discharge at the Archrock Compressor Station, located in the NW/4 SW/4 Section 14, Township 31 North, Range 10 West, NMPM, San Juan County, New Mexico, without an approved discharge plan until February 1, 1995. This authorization is granted to allow MOI sufficient time to submit a discharge plan and the OCD time to review the discharge plan.

Please be advised WQCC Regulation 3-106.B allows for a one time 120 day authorization to discharge without an approved discharge plan

Please notify the OCD in writing when the facility commences operations. If you have any questions, please feel free to contact Chris Eustice at (505) 827-5824.

Sincerely,

William J. LeMay
Director

WJL/cee
xc:OCD - Aztec Office

MERIDIAN OIL

OIL CONSERVATION DIVISION
RECEIVED
'94 SEP 29 AM 8 52

September 27, 1994

Certified - P 895 114 326

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

Re: Archrock Compressor Station
Groundwater Discharge Plan
Extension Request

Dear Mr. LeMay:

The above referenced facility, owned by Meridian Oil Inc. (MOI), is scheduled for start-up on October 31, 1994. This short time frame allows time for the submittal of a groundwater discharge plan for the facility, but does not allow sufficient time for the regulatory review process. It is MOI's intent to submit a groundwater discharge plan prior to the facility startup.

To allow sufficient time for regulatory review, public notice and approval, MOI requests a 120 day extension under WQCC Regulation 3-106, B. A granted extension under this regulation will allow MOI to operate the above referenced facility while the groundwater discharge plan undergoes the approval process.

Please call me at (505) 326-9537 if further information is needed. Thank you for your consideration of this matter.

Sincerely,

location - NW/4SW/4 Sec 14, T31N, R10W

Craig A. Bock
Associate Environmental Representative

cc: Matt McEneny - MOI
Rick Benson - MOI
Chris Eustice - OCD Santa Fe

MERIDIAN OIL

September 27, 1994

Certified - P 895 114 326

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

Re: Archrock Compressor Station
Groundwater Discharge Plan
Extension Request

Dear Mr. LeMay:

The above referenced facility, owned by Meridian Oil Inc. (MOI), is scheduled for start-up on October 31, 1994. This short time frame allows time for the submittal of a groundwater discharge plan for the facility, but does not allow sufficient time for the regulatory review process. It is MOI's intent to submit a groundwater discharge plan prior to the facility startup.

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Sincerely,

C. A. Bock

Craig A. Bock
Associate Environmental Representative

cc: Matt McEneny - MOI
Rick Benson - MOI
Chris Eustice - OCD Santa Fe