# GW - 258

## GENERAL CORRESPONDENCE

# YEAR(S): 1996-2007



January 11, 2007

### VIA FEDERAL EXPRESS

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Re: TEPPCO Val Verde Buena Vista Compressor Station TEPPCO Val Verde Cedar Hill Compressor Station TEPPCO Val Verde Quinn Compressor Station TEPPCO Signed Groundwater Discharge Permits for NMOCD

Dear Mr. Chavez:

Attached are the three (3) signed permits for the following three (3) TEPPCO Val Verde facilities:

TEPPCO Val Verde Buena Vista Compressor Station TEPPCO Val Verde Cedar Hill Compressor Station TEPPCO Val Verde Quinn Compressor Station

If you have any comments or questions, please contact me at 713-803-8358 or <u>lkaparicio@teppco.com</u>.

Sincerely, (sarires)

L. Kristine Aparicio Program Manager Environmental Plans & Regulatory Affairs

### Chavez, Carl J, EMNRD

From:	Chavez, Carl J, EMNRD
Sent:	Wednesday, December 27, 2006 1:43 PM
То:	'Aparicio, Linda K.'
Cc:	Price, Wayne, EMNRD

Subject: TEPPCO Compressor Station Discharge Plan Permit Renewal

Linda:

I am writing to determine the status of the recent discharge plan (DP) renewals for the following TEPPCO facilities:

1) GW-239 Quinn Compressor Station

2) GW-255 Buena Vista Compressor Station

3) GW-258 Cedar Hill Compressor Station

According to my records, two OCD signed DPs per facility were mailed to TEPPCO for final signature and payment. Could you please tell me the status of the DPs and when the OCD will receive signed versions with final payments. Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u> (Pollution Prevention Guidance is under "Publications")



2003 DEC 14 PM 2 33

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

December 11, 2006

CERTIFIED MAIL No.: 7006 0810 0002 1196 2236 RETURN RECEIPT REQUESTED

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Re: TEPPCO Val Verde Buena Vista Compressor Station TEPPCO Val Verde Cedar Hill Compressor Station TEPPCO Val Verde Quinn Compressor Station New Mexico Groundwater Discharge Plan Permits Public Notices and Affidavits Copies of Landowner Letters and Affidavits

Dear Mr. Chavez:

Attached are the four (4) original affidavits and four (4) original Public Notices published in The Daily Times newspaper of Farmington, San Juan County, New Mexico on Wednesday October 25, 2006. Each Public Notice includes all three stations and they are delineated as follows:

- 1) English version of the Public Notice listed in one section of the paper on Wednesday October 25, 2006
- 2) English version of the Public Notice listed in another section of the paper on Wednesday October 25, 2006
- 3) Spanish version of the Public Notice listed in one section of the paper on Wednesday October 25, 2006
- 4) Spanish version of the Public Notice listed in another section of the paper on Wednesday October 25, 2006

Carl J. Chavez, CHMM, New Mexico Energy, Minerals & Natural Resources Dept., Oil Conservation Division, Environmental Bureau

Re: TEPPCO Val Verde Buena Vista Compressor Station, TEPPCO Val Verde Cedar Hill Compressor Station, TEPPCO Val Verde Quinn Compressor Station, New Mexico Groundwater Discharge Plan Permits, Public Notices and Affidavits, Copies of Landowner Letters and Affidavits

December 11, 2006 Page 2

Additionally, attached are the Affidavit of Submitted Letters to the land owners and copies of the letters that were submitted.

If you have any comments or questions, please contact me at 713-803-8358 or <u>lkaparicio@teppco.com</u>.

Sincerely paricid L. Kristine Aparieio

L. Kristine Aparteio / Program Manager Environmental Plans & Regulatory Affairs



2000 DEC 14 PM 2 30

December 11, 2006

CERTIFIED MAIL No.: 7006 0810 0002 1196 2236 RETURN RECEIPT REQUESTED

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Re: TEPPCO Val Verde Buena Vista Compressor Station TEPPCO Val Verde Cedar Hill Compressor Station TEPPCO Val Verde Quinn Compressor Station New Mexico Groundwater Discharge Plan Permits Public Notices and Affidavits Copies of Landowner Letters and Affidavits

Dear Mr. Chavez:

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- 3) Spanish version of the Public Notice listed in one section of the paper on Wednesday October 25, 2006
- 4) Spanish version of the Public Notice listed in another section of the paper on Wednesday October 25, 2006

### AFFIDAVIT OF SUBMITTED LETTERS

L. Kristine Aparicio, being duly sworn says: That she is the Program Manager of Environmental Plans & Regulatory Affairs of EPCO, Inc., which is a shared service of TEPPCO, headquartered in Houston, Harris County, Texas and that the attached letters were sent to the landowners for the following facilities in San Juan County New Mexico: TEPPCO Val Verde Buena Vista Compressor Station and TEPPCO Val Verde Quinn Compressor Station, in compliance with New Mexico Administrative Code 20.6.2.3108 PUBLIC NOTICE AND PARTICIPATION.

On  $\underline{Me}$  7,  $\underline{2006}$ , L. Kristine Aparicio appeared before me, whom I personally know to be the person who signed the above document.

Bunda, Minder



My commission expires:  $\mathcal{E}_{3\mathcal{C}}$   $\mathcal{E}'$ 

### AFFIDAVIT OF SUBMITTED LETTERS

L. Kristine Aparicio, being duly sworn says: That she is the Program Manager of Environmental Plans & Regulatory Affairs of EPCO, Inc., which is a shared service of TEPPCO, headquartered in Houston, Harris County, Texas and that the attached letters were sent to the landowners for the following facilities in San Juan County New Mexico: TEPPCO Val Verde Buena Vista Compressor Station and TEPPCO Val Verde Quinn Compressor Station, in compliance with New Mexico Administrative Code 20.6.2.3108 PUBLIC NOTICE AND PARTICIPATION.

On  $\underline{Me}$ . 7, 2004, L. Kristine Aparicio appeared before me, whom I personally know to be the person who signed the above document.

Bunda Munder



My commission expires:  $\mathcal{E}_{-3\mathcal{C}} + \mathcal{C}'\mathcal{I}$ 



2006 DCT 26 PM 1 08

October 24, 2006

### **CERTIFIED MAIL NO.:** 7006 0810 0002 1196 2182 CETURN RECEIPT REQUESTED

Mr. Carl Chavez, CHMM New Mexico Energy, Minerals, & Natural Resources Department Oil Conservation Division, Environmental Bureau 1220 South St. Francis Drive Santa Fe, New Mexico 87505

**TEPPCO NGL Pipelines, LLC** Re: **TEPPCO Val Verde Buena Vista Compressor Station** TEPPCO Val Verde Cedar Hill Compressor Station **TEPPCO Val Verde Quinn Compressor Station** Groundwater Discharge Plans & Permits\*\* Agreement with the Draft Permits and Submission of Fees

Dear Mr. Chavez:

TEPPCO NGL Pipelines, LLC ("TEPPCO") respectfully informs the Environmental Bureau of the Oil Conservation Division that TEPPCO has reviewed the draft groundwater discharge permits and is in concurrence.

Also, enclosed are the flowing checks in the following amounts for the permitting fees for each of the three (3) compressor station discharge permits:

Compressor Station Name	Check No.	Amount	
Buena Vista	0200443178	\$1700.00	
Cedar Hill	0200443179	\$1700.00	
Quinn	0200443180	\$1700.00	

If you have any comments or questions, please contact me at 713-803-8358.

Sincerely

A. Conserver 2

L. Kristine Aparicio **Program Manager Environmental Plans** & Regulatory Affairs

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

Thereby acknowledge receipt of check No.	dated 10/12/06
ar cash received on $1.200$	00
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non TEppeo in GW-258 Cedar Hills Submitted by: LAURENCE Romero Dute Submitted to ASD by: Paucelum, Komer Dute:	
Submitted by Aureafer Romero Date	10/27/06
Submitted to ASD by: Pauceline Komen Date:	0/27/06
Received in ASD by: Date	
Filing Fee New Facility Renewal	$\mathcal{L}$
Modification Other	
Organization Code <u>521.07</u> Applicable FY <u>200</u>	-
To be deposited in the Water Quality Management Fund.	
Full Payment or Annual Increment	
VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. CHECK BACKGROUN TEPPCO GP, Inic P O Box 2521 Houston; TX 77252-2521 (713) 759-3800 AY **One Thousand Seven Hundred and 00/100-US Dollars **	DAREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM. Date: 10/12/2006 Check# Amount \$*****1,700.00 VOID AFTER 90 DAYS
PAY NEW MEXICO ENVIRNMENTAL DIVISION TO WATER QUALITY MANAGEMENT FUND ORDER OF	Am
M SERVICE	Vice President and Chief Financial Officer
GW - 253	
	OLE TO VIEW WHEN CHECKING THE ENDORSEMENT.

ΡΑΥ

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

Date: Check #: Amount Paid:

### 10/12/2006

\$1,700.00

16 100-000042 0610 1

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

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### Chavez, Carl J, EMNRD

From:Aparicio, Linda K. [LKAparicio@teppco.com]Sent:Wednesday, September 20, 2006 9:48 AMTo:Chavez, Carl J, EMNRDSubject:RE: HP ratings at GW-255, 258 & 259?

Carl, if you need anything else, please let me know.

Buena Vista: Unit 1 – 2650 HP Unit 2 – 2650 HP

Cedar Hill: Unit 1 – 2650 HP Unit 2 – 2650 HP Unit 3 – 2650 HP Unit 4 – 2650 HP

Quinn:

Unit 1 – 3200 HP – (Engine no longer at site but still in air permit).

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Wednesday, September 20, 2006 9:35 AM
To: Aparicio, Linda K.
Subject: HP ratings at GW-255, 258 & 259?

Christine:

Can you please provide me with the HP ratings at the above compressor stations? Thank you.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u> (Pollution Prevention Guidance is under "Publications")

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9/20/2006



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

September 7, 2006

### SENT VIA FED-EX NEXT DAY

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 Buena Vista Compressor Station San Juan County, New Mexico Groundwater Discharge Plan (GW-255) Renewal Application

Dear Mr. Price:

TEPPCO NGL Pipelines, LLC ("TEPPCO") is submitting the enclosed Discharge Plan Application (Attachment 1) for its TEPPCO Buena Vista Compressor Station in San Juan County, New Mexico. Enclosed with the discharge plan renewal is TEPPCO Check No. **0200441646** (Attachment 4) in the amount of **\$100.00** for the application filing fee. The permit fee in the amount of \$1,700 will be paid once the application is approved.

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

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

If you have any questions or require additional information, please contact Peter Cain at (713) 284-5213 or myself at (713) 803-8789.

Sinceré

Deodal Bhagwandin, P.E. Manager, Environmental Management Systems





Page 1 of 1

Date: 09/01/2006 Check #: 0200441646 Amount Paid: \$100.00

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

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### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

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26 UST Owner's Update	783	24	2500	9696	900000	4969207	
28 Hazardous Weste Regulations	783	24	2500	9696		4969208	*29
Radiologic Tech. Regulations	783	24	2500	9696	000000	4909200	*30
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36 Sale of Automobile	783	24	2500	9696	900000	4969302	**37
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FS6025 Revised 07/07/00 ł.

### Chavez, Carl J, EMNRD

From:Chavez, Carl J, EMNRDSent:Wednesday, August 30, 2006 11:27 AMTo:'Cain, Peter L.'Subject:RE: TEPPCO Val Verde permits

Ok. Thanks for the communication Peter. Good day....

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3492 E-mail: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u> (Pollution Prevention Guidance is under "Publications")

From: Cain, Peter L. [mailto:PLCain@teppco.com] Sent: Wednesday, August 30, 2006 11:25 AM To: Chavez, Carl J, EMNRD Subject: RE: TEPPCO Val Verde permits

Carl,

Yes, they should be very similar to the previous permits I submitted. Again, I apologize for the oversight. If we could get them to you by the end of the week next week (September 8th) would that be ok? I'll probably be the one preparing the renewals and I am out of town the rest of this week on a company site visit. This will also give us time to get the necessary check requests for the permit application fees, etc.

Thanks for your flexibility.

Peter Cain

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Wednesday, August 30, 2006 12:20 PM
To: Cain, Peter L.; Price, Wayne, EMNRD
Subject: RE: TEPPCO Val Verde permits

Peter:

Please provide us with a date for receipt. The permits will probably be very similar to the previous ones unless there are site specific requirements, i.e., abatement plans, landfarm provisions, etc. that need to be included in the permit. Thanks.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491 Fax: (505) 476-3462 E-mail: CarlJ.Chavez@state.nm.us Website: http://www.emnrd.state.nm.us/ocd/ (Pollution Prevention Guidance is under "Publications")

8/30/2006



SAN JUAN DIVISION February 7, 2002

Certified Mail: 70993400001842165353

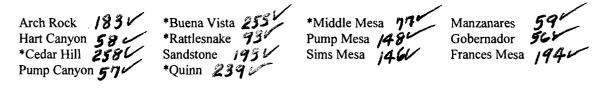
Wayne Price N.M. Oil Conservation Division 1220 South Street Francis Drive Santa Fe, NM 87505

FER 0 2 2002 Wronmental Bureau Conservation Disc Conservation Division

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.



\* 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 Mmg

Gregg Wurtz Environmental Representative

CC: Bruce Gantner Denny Foust, OCD District Office



SAN JUAN DIVISION

November 20, 2001

### Certified Mail # 70993400001842165445

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

### Re: Discharge Plan Renewal (GW258) Cedar Hill Compressor Station

Dear Mr. Anderson:

Thank you for the timely response and approval of the ground water discharge plan renewal application GW-258 for the Burlington Resources Cedar Hill Compressor Station located in the SW/4 SW/4 of Section 29, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico (OCD July 26, 2001).

As per your request, Burlington Resources (BR) is providing a renewal flat fee for the Cedar Hill compressor station facility. The fee is based on a horsepower rating above 1000 horsepower and is equal to \$1700.00

Burlington Resources Inc. is also providing your department with two copies of the Discharge Plan Approval Condition for the Cedar Hill Compressor Station (GW 255).

Please note in the distribution, one copy of the Plan has been sent to Denny Foust at the NMOCD office in Aztec, New Mexico.

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

Sincerely,

Gragg Munty

Gregg Wurtz Sr. Environmental Representative



Attachments: Discharge Plan Approval Conditions (2 Copies) \$1700 Check Permit Fee

cc: Gregg Kardos - BR w/o attachments Denny Foust - NMOCD Aztec Office (one plan copy) File – Cedar Hill Compressor Station: Discharge Plan\Correspondence

### ACXNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge recaipt of check No. dated 11/38/0, or cash received on \_\_\_\_\_ in the amount of \$ 1768 from BURLING toN RESOURCES for CEDAN HULL Submitted by: LAYVE ARIERS OP Ne.J Date: 12/10/01 Submitted to ASD by: Data: Recaived in ASD by: Date: Filing Fee \_\_\_\_ New Facility \_\_\_\_ Renewal \_\_\_\_ Modification \_\_\_\_ Other \_ Organization Code 521.07 Applicable FY 2001 To be deposited in the Water Quality Management Fund. Full Payment X or Annual Increment ONTAINS ANTI-COPY VOID PANTOGRAPH, MICRO PRINT BORDER, VERIFICATION BOX (TO RIGHT OF ARROW. HOLD BETWEEN THUMB AND OR BREATHE ON IT; COLOR WILL DISAPPEAR, THEN REAPPEAR), AND A SIMULATED WATERMARK ON THE BACK **BURLINGTON RESOURCES** 801 CHERRY STREET SUITE 200 FORT WORTH, TX 76102-6842 62-20/311 VENDORMO CHECK DATE CHECK NUMBER 67738100 PAY...ONE THOUSAND SEVEN 11/08/2001 HUNDRED VALID FOR 60 DAYS то WATER QUALITY MANAGEMENT FUND \$\*\*\*\*1,700.00 THE MINERALS & NATURAL RESOURCES DEPT 2040 South Pacheco St ORDER OF: SANTA FE, NM 87505 CITIBANK, DELAWARE NEW CASTLE, DE 19720 Gle- 258

### Ad No. 44945

### STATE OF NEW MEXICO County of San Juan:

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

Thursday, August 30, 2001.

And the cost of the publication is \$197.98.

ma

ON <u><u>SIJ</u> CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.</u>

My Commission Expires April 02, 2004

cc: MAL

### COPY OF PUBLICATION

### NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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

See 2

(GW-077) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for their Middle Mesa Natural Gas Compressor Station located in the SW/4 SW/4 of Section 10, Township 31 North, Range 7 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported off-site to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 150-200 feet with an estimated total dissolved solids concentration of approximately 1400 mg/l. The discharge plan addresses how oilfield products and waste will be property handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-239) - Burilington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan and participation for the for Quinn Natural Gas Compressor Station located in the NW/4 SW/4 of Section 16, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported off-site to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with an estimated total dissolved sollds concentration of approximately 1700 mg/l. The discharge plan addresses how oilfield products and waste will be property handled, stored, and disposed of, including how splils, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. 24

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(GW-255) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for their Buena Vista Natural Gas Compressor Station located in the NW/4 NE/4 of Section 13, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported off-site to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 20 feet with an estimated total dissolved solids concentration of approximately 1100 mg/l. The discharge plan addresses how olifield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-258) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for their Cedar Hill Natural Gas Compressor Station located in the SW/4 SW/4 of Section 29, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported off-site to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 250 feet with an estimated total dissolved solids concentration of approximately 1100 mg/l. The discharge plan addresses how oiffield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be

ON <u><u><u></u>|<u>3</u>|<u>0</u></u> CONNIE PRUITT appeared before me, whom I know personally to be the person who signed the above document.</u>

My Commission Expires April 02, 2004

cc: MALI

of Section 16, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported off-site to OCD approved townships. Ground water most likely to be affected in the event of accidental discharge is at a depth of approximately 250 feet with an estimated total dissolved solids concentration of approximately 1700 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

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(GW-35) - Conoco, inc., Mr. Lane Ayers, (505)-632-4906, P.O. Box 217 Bloomfield, New Mexico 87413, has submitted a Discharge Plan Renewal Application for their San Juan Gas Plant located in the NW/4 NW/4, Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 790,950 gallons per month of waste water is discharged onsite into an above ground bermed closed top tank and two double lined surface evaporation ponds with leak detection prior to transport offsite at an approved OCD disposal facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 to 55 feet with a total dissolved solids concentration of approximately 4,400 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 ariy 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 or 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 21st day of August 2001.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION 2

### SEAL

### LORI WROTENBERY, Director

Legal No. 44945, published in The Daily Times, Farmington, New Mexico, Thursday, August 30, \_, 2001.

NEW MEXICO OIL CONSERVATION DIVISION ATTN: WAYNE PRICE 1220 S. ST. FRANCIS DRIVE AD NUMBER: 224378 ACCOUNT: 56689 SANTA FE, NM 87505 P.O.#: 02199000249 LEGAL NO: 69935 1 time(s) at \$ 323.54 734 LINES AFFIDAVITS: 5.25

TAX:

TOTAL:

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AFFIDAVIT OF PUBLICATION

**EXIGAN** 

## STATE OF NEW MEXICO

COUNTY OF SANTA FE I, MMWeide Manbeing 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 a copy of which is hereto attached was published #69935 in said newspaper 1 day(s) between 08/30/2001 and 08/30/2001 and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 30 day of August, 2001 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 30 day of August A.D., 2001

2. Harding 11/23/03 haura Notary

Commission Expires

NAMent = (19/01

www.sfnewmexican.com

### NOTICE OF PUBLICATION

Contraction States

STATE OF NEW MEXICO RGY, MINER ENERGY 4 RESOURCES <sup>®</sup> DEPARTMENT OIL CONSERVATION DIVISION

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

(GW-077) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for renewal application for their Middle Mesa Natural Gas Compressor Station located in the SW/4 SW/4 of Section 10, Township 31 North, Range 7 West. NMPM. San Juan County, New Mexico. Natural gas products, waste oll and water is stored in above ground tanks prior to being transported offsite to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approxi-mately 150-200 feet with an estimated total dissolved solids concen-tration of approximately 1400 mg/l. The dis-charge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-239) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for their Quinn Natural Gas Compressor Station lo-cated in the NW/4 SW/4 of Section 16, Township 31 North, Range 8 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and Mexico. Natural

water is stored l sbove ground tanks being transported to offsite to OCD approved facilities. Ground water MINERALS most likely to be affected in the event of an accidental discharge is at a depth of approxi-mately 250 feet with an estimated total dissolved solids concentration of approximately 1700 mg/l. The discharge plan addresses how oilfield products and waste will be properly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

> (GW-255) - Burlington Resources, Greg Wurtz, Environmental Representative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has sub-mitted a discharge plan renewal application for their Buena Vista Natural Gas Compressor Station located in the NW/4 NE/4 of Section 13, Township 30 North, Range 9 West, NMPM, San Juan County, New Mexico. Natural gas products, waste oil and water is stored in above ground tanks prior to being transported offsite to OCD approved facilities. Ground water most likely to be affected in the event of an accidental discharge is at a depth of approximately 30 feet with an estimated total dissolved solids concentration of approximately

1100 mg/l. The dis-charge plan addresses how oilfield products how oilfield products and waste will be prop-erly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-258) Burlington Resources, Greg Wurtz, Environmental Represen-tative, P.O. Box 4289, Farmington, New Mexico 87499-4289, has submitted a discharge plan renewal application for their Cedar Hill Natural **Gas Compressor Station** located in the SW/4 SW/4 of Section 29, Township 32 North, Range 10 West, NMPM, Range 10 West, NMPM, cated in Sec 31. Ts San Juan County, New 17s-R 28 e and Sec Mexico. Natural gas 12-Ts 18s-R27e of Eddy products, waste oil and Mexico. Natural gas 12-Ts 18s-R27e of Eddy products, waste oil and County, New Mexico water is stored in above and discharges approxiground tanks prior to being transported offbeing transported off-site to OCD approved fa-Osmosis Reject water cilities. Ground water used to irrigate two ad-most likely to be affect- jacent farms owned and ed in the event of an operated by Navajo Re-accidental discharge is fining Company. Ground at a depth of approxi-water most likely to be at a depth of approximater most likely to be mately 250 feet with an affected by an acciden-estimated total dis- tal discharge in the re-ved solids concentra-finery area is at a depth

tion of approximately 1100 mg/i. The discharge plan addresses how oilfield products how oilfield products and waste will be prop-erly handled, stored, and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water.

(GW-032) - GIANT RE-FINING Company, Ms Dirinda Mancini, (505)-722-3833Route 3, Box 7, Gallup, New Mexico, 87301 has submitted a modification application for the previously ap-proved discharge plan for their Ciniza Refinery located in Section 28 and Section 33, Town-ship 15 North, Range 15 West, NMPM, Mckinley County, near Gallup, New Mexico. The total discharge of process and non-process wastewater from the facility is about 160,000 gallons/ day with an estimated total dissolved solids concentration with a range of about 2,000 mg/l to 3,000 mg/l. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface varies in depth from 70 feet to 140 feet with an approximate total dissolved solids concentra-tion of 950 mg/l. The discharge plan address-es how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-28) - Navajo Refining Company, Darrell Moore, (505) 746-5281, P.O. Box 159, Artesia, Mexico, New 88211-0159 has submitted an application for re-newal of its previously approved discharge plan approved discharge plan for the Artesia Refinery located in the SE/4 of Section 1, E/2 of Sec-tion 8, W/2 of Section 9, N/2 of Section 12, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexi-Eddy County, New Mexico. Approximately 400,000 gallons per day of treated refinery waste water with a total dissolved solids concentration of approximately 2,300 mg/l is discharged from the facility waste water treatment plant by pipeline to two Class I (non-hazardous) 32 North, deep injection wells lomately 150,000 gallons

of approximately with a total discoved solids concentration of approximately 2,500 mg/i, and in the pond area ground water is at a depth of 5 to 10 feet with a total dissolved solids concentration of approximately 6,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed including methods and procedures for han-dling products, waste, waste water manage-ment, and site investigation/ abatement plans.

(GW-014) - Navajo Refining Company, Darrell Moore, (505) 748-5281, P.O. Box 159, Artesia, New Mexico. 88211-0159 has submitted an application for re-newal of its previously approved discharge plan for the Lovington Refinery located in the SW/4 of Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East NMPM, Lea County, New Mexico. Approximately 101,000 gallons per day of treated refinery waste water with a total dissolved solids concentration of approximately 1,300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington publicly owned treat-ment works (POTW). Ground water most likely to be affected by an accidental discharge is at a depth of approxi-mately 90 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed including methods and procedures for handling products, waste, waste water management, and site investigation/ abatement plans.

(GW-35) - Conoco, Inc., Lane Ayers, (505)-632-4906, P.O. Box 217 Bloomfield, New Mexico 87413, has submitted a Discharge Plan Renewal Applica-tion for their San Juan Gas Plant located in the NW/4 NW/4, Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 790,950 gallons per month of waste water is discharged onsite into

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(BW-019) · Key Energy Services, Inc., Royce Crowell, (505) 393-9171, P.O. Box 2040 Hobbs, New Mexico, 88241 has submitted an application for renewal of its previously approved discharge plan for the Carlsbad Brine Station, located in the SE/4 NE/4 of Section 36, Township 22 South, Range 26 East, NMPM, Eddy County, New Mexico. Fresh water is injected to an approximate depth of 71.0 feet and brine water is extracted with an average total dissolved solids

concentration 300,000 mg/l. Ground water most likely to be affected by any accidental discharge is at a depth exceeding 150 feet and has a total dissolved solids content of approximately 1,800 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 21st day of August 2001.

STATE OF NEW MEXICO OIL CONSERVATION DIVI SION LORI WROTENBERY, Director Legal #69935 Pub. August 30, 2001

### Price, Wayne

From: Sent: To: Subject: Wurtz Gregg [GWurtz@br-inc.com] Wednesday, October 24, 2001 12:43 PM Wayne Price (E-mail) Discharge addendum letters draft







 Quinnl\_2001\_addendu
 Cedar
 Buena

 m\_ltr\_10\_2...
 Hill\_2001\_addendum\_ltr\_... Vista\_2001\_addendum\_ltr\_... Please review attached files. All are identical

 except for station names. I am working on lab analysis email.

<<Quinnl\_2001\_addendum\_ltr\_10\_23\_01.DOC>> <<Cedar Hill\_2001\_addendum\_ltr\_10\_23\_01.DOC>> <<Buena Vista\_2001\_addendum\_ltr\_10\_23\_01.DOC>>





## NEWMEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

### NOTICE OF PUBLICATION

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

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(GW-28) - Navajo Reuling Company, Darrell Moore, (505) 6-5281, P.O. Box 159, Artesia, New Mexico, 88211-0159 has submitted an application for renewal of its previously approved discharge plan for the Artesia Refinery located in the SE/4 of Section 1, E/2 of Section 8, W/2 of Section 9, N/2 of Section 12, Township 17 South, Range 26 East, NMPM, Eddy County, New Mexico. Approximately 400,000 gallons per day of treated refinery waste water with a total dissolved solids concentration of approximately 2,300 mg/l is discharged from the facility waste water treatment plant by pipeline to two Class I (non-hazardous) deep injection wells located in Sec 31- Ts 17s-R 28 e and Sec 12-Ts 18s-R27e of Eddy County, New Mexico and discharges approximately 150,000 gallons per day of Reverse-Osmosis Reject water used to irrigate two adjacent farms owned and operated by Navajo Refining Company. Ground water most likely to be affected by an accidental discharge in the refinery area is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 2,500 mg/l, and in the pond area ground water is at a depth of 5 to 10 feet with a total dissolved solids concentration of approximately 6,000 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed including methods and procedures for handling products, waste, waste water management, and site investigation/ abatement plans.

(GW-014) - Navajo Refining Company, Darrell Moore, (505) 748-5281, P.O. Box 159, Artesia, New Mexico, 88211-0159 has submitted an application for renewal of its previously approved discharge plan for the Lovington Refinery located in the SW/4 of Section 31, Township 16 South, Range 37 East; the SE/4 of Section 36, Township 16 South, Range 36 East; the NW/4 of Section 6, Township 17 South, Range 37 East; and the NE/4 of Section 1, Township 17 South, Range 36 East NMPM, Lea County, New Mexico. Approximately 101,000 gallons per day of treated refinery waste water with a total dissolved solids concentration of approximately 1,300 mg/l will undergo treatment in a USEPA regulated pretreatment unit prior to discharge to the City of Lovington publicly owned treatment works (POTW). Ground water most likely to be affected by an accidental discharge is at a depth of approximately 90 feet with a total dissolved solids concentration of approximately 500 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed including methods and procedures for handling products, waste, waste water management, and site investigation/ abatement plans.

(GW-35) - Conoco, Inc., Mr. Lane Ayers, (505)-632-4906, P.O. Box 217 Bloomfield, New Mexico 87413, has submitted a Discharge Plan Renewal Application for their San Juan Gas Plant located in the NW/4 NW/4, Section 14, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 790,950 gallons per month of waste water is discharged onsite into an above ground bermed closed top tank and two double lined surface evaporation ponds with leak detection prior to transport offsite at an approved OCD disposal facility; Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 15 to 55 feet with a total dissolved solids concentration of approximately 4,400 mg/L. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed. (BW-019) - Key Energy Services, Inc., Royce Crowell, (505) 393-9171, P.O. Box 2040 Hobbs, New Mexico, 88241 has submitted an application for renewal of its previously approved discharge plan for the Carlsbad Brine Station, located in the SE/4 NE/4 of Section 36, Township 22 South, Range 26 East, NMPM, Eddy County, New Mexico. Fresh water is injected to an approximate depth of 710 feet and brine water is extracted with an average total dissolved solids concentration of 300,000 mg/l. Ground water most likely to be affected by any accidental discharge is at a depth exceeding 150 feet and has a total dissolved solids content of approximately 1,800 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 21<sup>st</sup> day of August 2001.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

LORI WROTENBERY, Director

SEAL

7/26/2001

FedEx#

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

### Re: Discharge Plan Renewal (GW258) Cedar Hill Compressor Station

Dear Mr. Anderson:

Burlington Resources Inc. is to providing your department with two copies of the Discharge Plan renewal for the Cedar Hill Compressor Station (GW 258). You will find enclosed with the Plan, a signed Discharge Plan Application form and a check in the amount of \$100 dollars for the filing fee.

No on-site 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 in the distribution, one copy of the Plan has been sent to Denny Foust at the NMOCD office in Aztec, New Mexico.

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

Sincerely,

Gregg Mentz

Gregg Wurtz Sr. Environmental Representative

Attachments: Discharge Plan (2 Copies) \$100 Filing Fee

cc: Gregg Kardos - BR w/o attachments Denny Foust - NMOCD Aztec Office (one plan copy) File – Cedar Hill Compressor Station: Discharge Plan\Correspondence

s:\grndwtr\facility\bunavsta\cooresp\renewal cltr cedar hill 2001 .doc

### ACXNOWLEDGEMENT OF RECEIPT OF CHECX/CASH

I	hereby acknowledge receipt	of check No.	dated 6/26/-1
		in the amount o	<b>.</b>
f	TOM BURLINGTON RESOURCE	5	
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To	be deposited in the Water	Quality Management Fu	nd.
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801 Cherry St Ft. Worth TX		One Penn's Way New Castle DE 19720 62-20/311	
Vendor No.	67738100	Date 06/26/2001 Pay Amount Void If Not Presented for Payment Within 60	\$100.00 Days
To The Order Of	WATER QUALITY MANAGEMENT FUND MINERALS & NATURAL RESOURCES DEPT 2040 SOUTH PACHECO ST		
	SANTA FE NM 87505		

Ound Obtank

### CEDAR HILL COMPRESSOR STATION GROUND WATER DISCHARGE PLAN

July 24, 2001

Prepared for:

Burlington Resources Farmington, New Mexico

Revised By Gregg Wurtz

### TABLE OF CONTENTS

I. TYPE OF OPERATION1
II. OPERATOR AND LOCAL REPRESENTATIVE1
III. FACILITY LOCATION1
IV. LANDOWNERS1
V. FACILITY DESCRIPTION
VI. MATERIALS STORED OR USED AT THE FACILITY
A. Waste Stream Data
B. Quality Characteristics
C. Commingled Waste Streams
VII. WASTE COLLECTION STORAGE AND DISPOSAL
A. Fluid Storage
B. Flow Schematics
C. Surface and Subsurface Discharge Potential
D. NMOCD Design Criteria
E. Underground Pipelines4
F. Proposed Modifications4
VIII. EFFLUENT AND SOLIDS DISPOSAL
A. On-site Facilities4
B. Off-site Facilities5
IX. INSPECTION, MAINTENANCE AND REPORTING
A. Leak Detection/Site Visits6
B. Precipitation/Stormwater Runoff Control6
C. General Maintenance
X. SPILL/LEAK PREVENTION AND REPORTING
A. Spill/Leak Potential
B. Spill/Leak Control
C. Spill/Leak Reporting7
XI. SITE CHARACTERISTICS
A. Hydrologic Features7
B. Geologic Description of Discharge Site
C. Flood Protection
XII. ADDITIONAL INFORMATION8
XIII. AFFIRMATION



### I. TYPE OF OPERATION

The Cedar Hill Compressor Station (Cedar Hill) is a natural gas compressor station which receives gas via an upstream gathering system. At this facility field gas is compressed to an intermediate pressure and dehydrated.

### II. OPERATOR AND LOCAL REPRESENTATIVE

### A. Operator

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

### **B.** Technical Representative

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

### **III. FACILITY LOCATION**

Township: T 32N	Range: R 10W	Quarter: M	County: San Juan
		Section: 29	

The site is located approximately 1 miles west of New Mexico State highway #550 and 1 miles south of Cox Canyon Road 2300 in San Juan County New Mexico. A topographic map of the area is attached as Figure 1, Facility Area Map.

### **IV. LANDOWNERS**

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

### V. FACILITY DESCRIPTION

Cedar Hill is constructed on a pad of approximately 5.6 acres in size. It consists of four gas compression engines (2,650 hp each), one dehydration unit, and the following tanks and sump:

Container Type	Capacity	Product	Construction Material	Location
Tank (T-104)	100 Barrel	New Oil	Steel	Above Ground
Tank (T-102)	100 Barrel	Used Oil	Steel	Above Ground
Tank (T-105)	100 Barrel	Ethylene Glycol (EG)	Steel	Above Ground
Tank (T-101)	210 Barrel	Produced Water	Steel	Above Ground
Tank (T-107)	750 Gallon	Triethylene Glycol (TEG)	Fiberglass	Above Ground
Open Top Tank (T-106)	50 Barrel	Produced Water	Fiberglass	Above Ground
Process Sump (T-108)	750 Gallon	Water, TEG, EG, Oil	Steel	Below Ground

Figure 2 (attached) illustrates the overall facility lay-out including the facility boundaries.

### VI. MATERIALS STORED OR USED AT THE FACILITY

### A. Waste Stream Data

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Collection System/Storage
Dehydration Unit	Produced Water	23 barrels	None	Open Top Tank
Dehydration Unit	TEG	Intermittent	None	Open Top Tank
Dehydration Unit	Used TEG Filters	5	None	Container/Bin
Compressor Engines	Jacket Water	Intermittent	EG	Tank
Compressor Engines	Leaks	Intermittent	EG, Oil, Water	Sump
Compressor Engines	Used Oil	790 gallons	None	Tank
Compressor Engines	Oil Filters	12	None	Container/Bin
Inlet Filter Separator	Inlet Filters	94/per year (2 changes)	None	Container/Bin
Discharge Filter Coalescer	Coalescer Filters	66/per year (3 changes)	None	Container/Bin
Slug Catcher Inlet Separator	Produced Water	270 barrels	Pipeline Condensate	Tank
General Refuse	Solid Waste	1-2 Containers	None	Container/Bin

### **B.** Quality Characteristics

- 1. Note: No process waste streams are intentionally discharged to the ground surface. All waste streams are collected and their disposition is described in section VIII.
- 2. Produced water from the inlet filter separator, discharge filter coalescer, and the dehydration unit may contain the BETX hydrocarbon compounds listed in *WQCC 1-101.ZZ*. Similarly, used oil collected in the sump will contain *WQCC 1-101.ZZ* hydrocarbon compounds.



### C. Commingled Waste Streams

1. Produced water from the slug catcher, and dehydration units are commingled prior to being hauled for disposal. In addition, wash water (fresh water) may also be introduced into the comingled waste stream

### VII. WASTE COLLECTION STORAGE AND DISPOSAL

### A. Fluid Storage

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

### **B.** Flow Schematics

Stream flow for the major equipment is shown in Figure 2. Produced water generated during the compression of gas will be sent to an above ground tank (T-101). Produced water generated during dehydration of the gas will be diverted to the open top tank (T-106).

### C. Surface and Subsurface Discharge Potential

- 1. The table in Section V provides a listing of all above ground tanks and below grade sumps. Pressurized pipelines carry the compressed gas through the dehydration unit and outlet meter to the sales line.
- 2. Unintentional drips and leaks from equipment such as compressor engines, fluid pumps and gas compressors may drain into the underground sump. Fluids collected in the sump are periodically transferred to the Used Oil tank (See Figure 2).
- 3. The size and construction material of the onsite collection equipment is described in the table in Section V.

### **D. NMOCD Design Criteria**

1. All storage tanks (Used oil, EG, Produced Water and New oil tanks) are surrounded by an earthen berm. The capacity of the bermed area exceeds the required NMOCD criteria of one and one third times the capacity of the largest tank. None of the storage tanks are interconnected with a common manifold.

Each above ground tank is placed on an impermeable pad to aid in the detection of any leaks that may develop in the bottom of the tank. Tanks are supported above the impermiable liner on a 6" gravel pack contained in a steel ring.

The TEG regeneration skid is located on a concrete pad equipped with containment curbs to identify and capture any leaks that may occur during the TEG regeneration

process. The TEG storage tank and open top tank (T-106) are located on the same containment pad.

- 2. The below ground sump meets OCD specifications. The sump is constructed of steel and equipped with double walls and a leak detection system. The leak detection system is equipped with an inspection port to allow for periodic visual inspections.
- 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 substantially.
- 4. Drums storing product may be used or stored on location on occasion. To reduce the risk of spilled product from contacting the ground surface, BR stores these drums within the building that has secondary containment. To reduce the risk of leaked process fluids from contacting the ground surface BR has constructed curbed concrete or containment around process equipment with a higher probability of a spill/leak.

### E. Underground Pipelines

The mechanical integrity testing of the underground wastewater pipelines is performed prior to start-up and once every five years from the date of permit renewal approval. NMOCD will be notified 72 hours prior to testing.

#### F. Proposed Modifications

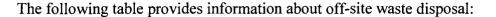
All plant processes are closed pipe, contained in tanks, or otherwise controlled to prevent leakage. All storage, transfer, and containment systems meet the criteria described in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Plants, Refineries, Compressors and Crude Oil Pump Stations" (NMOCD 12/95). No additional modifications are proposed at this time.

### VIII. EFFLUENT AND SOLIDS DISPOSAL

### A. On-Site Facilities

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

### **B.** Off-Site Facilities



Waste Stream	Onsite Storage	Shipping Agent	Final Disposition	<b>Receiving Facility</b>
Produced Water	Tank	See Note 1	Class II Well	See Note 2
Coalescer, Inlet Separator, Used Oil, TEG and Fuel Gas Filters	Bin	See Note 3	Landfill	Waste Management C/R 3100 Aztec, NM Profile # 025149, 025150, 0215149, 266263
EG	Tank	See Note 4	Recycled	See Note 4
Used Oil	Tank	Mesa Oil Inc. 20 Lucero Rd. Belen, NM 87002	Recycled	Mesa Oil Inc. 20 Lucero Rd. Belen, NM 87002
TEG	Tank	Overland Dehy 5895 US Hwy. 64 Bloomfield, NM	Recycled	Overland Dehy 5895 US Hwy. 64 Bloomfield, NM
Solid Waste (GeneralRefuse)	Bin	Waste Management C/R 3100 Aztec, NM	Landfill	Waste Management C/R 3100 Aztec, NM

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

Dawn Trucking Co.	Key Trucking708	Safety-Kleen
318 Hwy. 64	S. Tucker Ave.	4210 A Hawkins Rd
Farmington, New Mexico.	Farmington, New Mexico	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: The shipping agent for this material will be one of the following companies:

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

Note 4: Operator approval for disposal of the shipped wastes to landfill:

Waste Management						
C/R 3100 Aztec, NM						

Profile # 025149, 025150, 0215149, 266263

### IX. INSPECTION, MAINTENANCE AND REPORTING

### A. Leak Detection/Site Visits

The sump incorporates NMOCD required secondary containment and leak detection systems. In addition, the sump is equipped with an inspection port between the primary and secondary walls to allow for visual inspection of the leak detection system.

As described in Section VII. D. 1 of this plan, each aboveground storage tank is placed on an impermeable pad to detect leaks that may result from the failure of a tank bottom. All aboveground storage tanks are surrounded with an earthen containment berm that more than exceeds NMOCD's requirement of one and one third times the capacity of the largest tank.

Cedar Hill is an unmanned facility that operates 24 hours per day, 365 days per year. Both contracted and Burlington personnel frequently visit the site to inspect the equipment and ensure proper operation of the station.

### **B.** Precipitation/Stormwater Runoff Control

Storm water run-off does not come in contact with process waste streams. Any precipitation that contacts the process equipment is contained within bermed or containment areas and allowed to evaporate. The facility pad is maintained and armored with gravel where applicable to prevent surface accumulations and erosion.

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 quantity of oil or a hazardous substance in storm water in the last three years. The Cedar Hill 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 of equipment containment skids
- 3. Rupture of process pipelines
- 4. Pigging operations

Prevention of accidental releases from these sources is a priority of Burlington. Spill prevention is achieved through proper operating procedures and by an active equipment inspection and maintenance program. Spill detection is accomplished by routine visual inspection of facility equipment and monitoring of process instrumentation by contracted and Burlington personnel.

To reduce the risk of spilled process fluids from contacting the ground surface, Burlington has purchased self contained skids for process equipment with a high potential of a spill/leak.

### B. Spill/Leak Control

General spill cleanup procedures may involve recovery of as much free liquid as possible, and minor earthwork to prevent migration. Recovered fluids would be transported off-site for recycling or disposal. Cleanup procedures will follow NMOCD's "Guidelines For Remediation of Leaks, Spills, and Releases" (August 13, 1993).

### C. Spill/Leak Reporting

Should a release of materials occur, Burlington will notify the NMOCD in accordance with the provisions described in NMOCD Rule and Regulation #116 and WQCC Section 1203.

### **XI. SITE CHARACTERISTICS**

### A. Hydrologic Features

- 1. *Surface Water*: There are no known surface water bodies within one mile of Cedar Hill. The Animas river is approximately 1.5 miles to the south of the facility.
- 2. *Domestic Water Sources*: No domestic water wells were found within 1/4 mile of the facility perimeter.
- 3. *Ground Water Discharge Sites*: Decker Springs is approximately 0.75 miles to the north of the facility perimeter. No ground water was encountered in any of the test borings.

### **B.** Geologic Description

1. A poorly graded clean to slightly silty sand (Unified Soils Classification SP-SM) and lean clay (CL) was found as the predominant soil type. These two soil types are found from the ground surface to the top of the sandstone bedrock which ranges from 2.5 feet to 4.5 feet below the ground surface. Sandstone found in the soil borings was classified as moderately hard to hard and slightly weathered.

The soils described above overlie the San Jose Formation of Eocene age. This unit consists of four members of varying lithology. The youngest or uppermost is designated as the Tapicitos Member and consist of fine to coarse-grained white, yellow and tan sandstones.

2. Information in this section was obtained from a geotechnical report that was generated to document physical characteristics of soils underlying Cedar Hill. Documentation of the soils involved drilling twenty test borings (ranging from 2.0 to 30 feet in depth), classifying and logging each soil type as it was encountered. The geotechnical survey is not included with this discharge plan.

No ground water was encountered in any of the test borings.

### C. Flood Protection

The elevation of the Cedar Hill facility is more than 250 ft above the Animas river, therefore special flood protection measures were not incorporated into the design of the facility.

### **XII. ADDITIONAL INFORMATION**

As stated previously, this facility does not intentionally discharge or dispose of any waste on-site. Containment and leak detection devices are installed and periodically inspected to insure proper operation. As a result, Burlington 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: Bruce Gantner Title: Environmental Health and Safeety Manager

Kund Jante

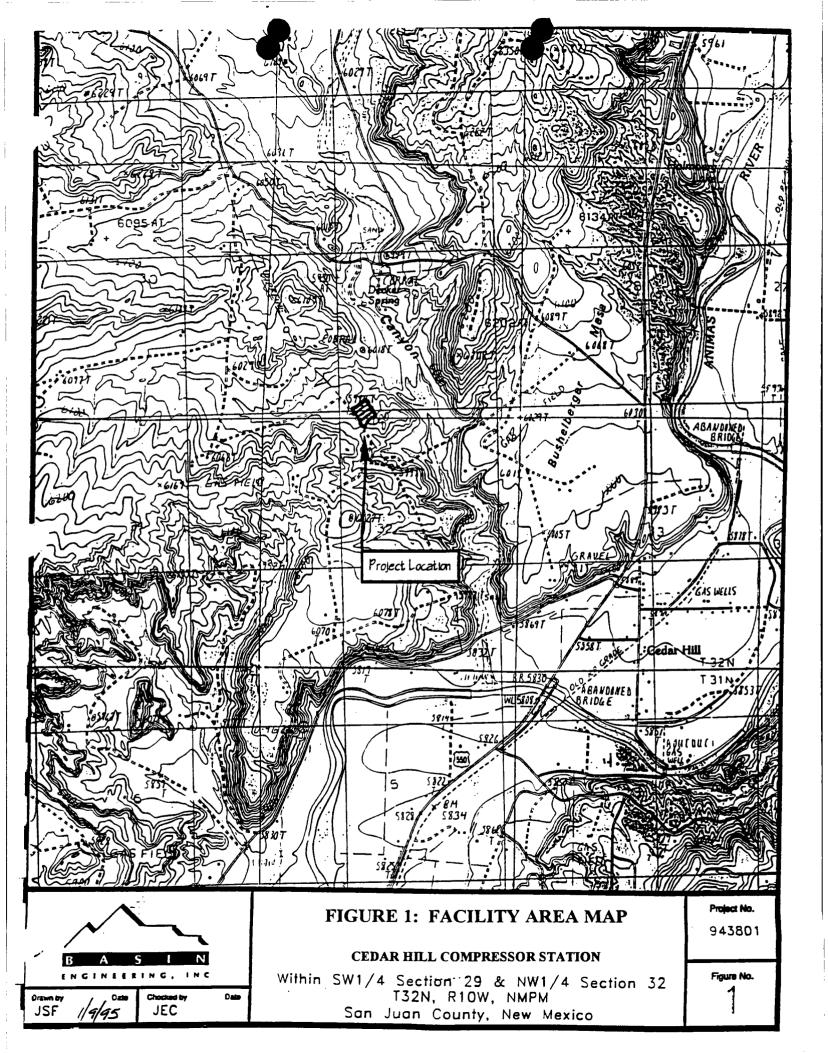
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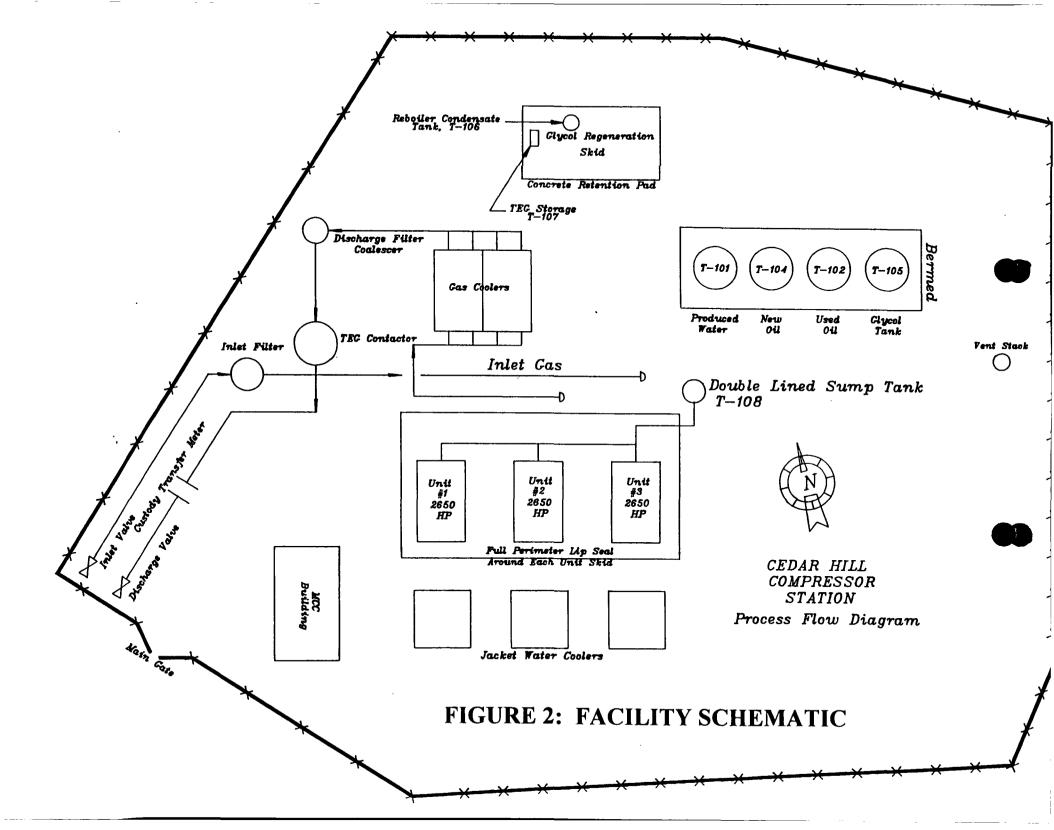
Date: 7/25/01

Name: Greg Kardos

Title: SR. Plant Supervisor

Signature: Creg Kaulen Date: 7/26/01





### Price, Wayne

From:	Price, Wayne
Sent:	Saturday, July 21, 2001 2:03 PM
То:	'lhasely@br-inc.com'
Cc:	'gwurtz@br-inc.com'
Subject:	Discharge Plan (DP) Renewals

Dear Gentlemen:

Re:	Quinn	GW-239	expires 8/9/01
	Buena Vista	GW-255	expires 9/5/01
	Cedar Hill	GW-258	expires 9/30/01
	Middle Mesa	GW-077	expires 11/14/01

On March 06, 2001 OCD sent Burlington a reminder that the above discharge plans were due to expire. On June 05, 2001 OCD called Greg Wurtz to inform him of the discharge plan renewals. As of this date OCD has not received the Discharge Plan renewals and the required filing fee. Please note is usually takes a minimum of 60 days to review and approved discharge plans. 30 days of this is for public notice.

If Burlington wishes to renew these sites please submit the required DP application and \$100 filing fee by July 27, 2001. Failure to comply may be reason for OCD to issue a Notice of Violation.



# NEW MEXICO ENERGY, MUERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

### Memorandum of Meeting or Conversation

TelephoneXPersonal\_\_\_\_\_E-Mail\_\_\_\_\_FAX:\_\_\_\_\_

Date: March 6, 2001

**Originating Party: Wayne Price-OCD** 

Other Parties: Ed Hasely-Burlington Resources

Subject: Discharge Plan Renewal Notice for the following Facilities:

GW- 239	Quinn Compressor St	expires	8/9/01
GW- 255	Buena Vista Compressor St.	expires	9/5/01
GW- 258	Cedar Hill Compressor St.	expires	9/30/01
GW- 077	Middle Mesa	expires	11/14/01

**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:** Gave notice to submit Discharge Plan renewal application with \$100.00 filing fee for the above listed facilities.

**Conclusions or Agreements:** 

augue Pini

Signed:



SAN JUAN DIVISION

December 20, 1996

1012: 1011 - EF - M. 1011 - B - 52

Certified - P 358 636 589

William J. LeMay Director New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87502

Re: Ground Water Discharge Plan Fees Quinn Compressor Station # 257286 - This check returned 1-22-57 Cedar Hill Compressor Station # 257287 Buena Vista Compressor Station # 257288 Aready Paid on 9-3-96

Dear Mr. LeMay:

Burlington Resources is submitting the groundwater discharge plan fees for the above referenced facilities (Enclosures 1 through 3).

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

Sincerely,

Craig A. Bock Environmental Representative

Enclosures: (3) Discharge Plan Fee Checks (\$13800.00)

cc: Bruce Voiles - BR Denny Foust - NMOCD Aztec Office

File: Cedar Hill Compressor Station\Discharge Plan\Correspondence s:\2-envnmt\grndwatr\facility\cedarhil\corresp\chfees.doc

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

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

or cash received on	in the amount	of \$ <u>1380.0</u>
from Buslington	Resources	
for Cedan Hill	<u>d</u> S	541-258
Submitted by:	· Date:	OP Ne.J
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OIL CONSERVATION DIVISION 2040 S PACHECO ST SANTA FE, NM 87505-5472

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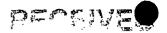
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BURLINGTON RE	ESOURCES UITE 200 * FORT WOR	H, TX 761	)2-6842	2			stions Ple 505) 326-95	
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VENDOR NO. 10113	1 CHECK NO.					TOTAL		1,380.00



SAN JUAN DIVISION

December 5, 1996



### DEC 1 0 1996

Environmente, dureau Oil Conservation Division

Certified P 358 636 590



William J. LeMay Director New Mexico Oil Conservation Division Energy, Minerals, and Natural Resources Dept. 2040 S. Pacheco Santa Fe, New Mexico 87504

Re: Discharge Plan Requirements Quinn Compressor Station GW-239 Buena Vista Compressor Station GW-255 Cedar Hill Compressor Station GW-258

Dear Mr. LeMay:

Please find enclosed with this letter the Discharge Plan Requirements for the above referenced facilities. Each set of conditions has been signed and dated.

If you have any questions concerning this submittal, you can contact me by phone at (505) 326-9537.

Sincerely,

Craig/A. Bock Environmental Representative

Enclosed: Discharge Plan Requirements - Quinn Compressor Station Discharge Plan Requirements - Buena Vista Compressor Station Discharge Plan Requirements - Cedar Hill Compressor Station

File - Cedar Hill Compressor Station: Discharge Plan - Correspondence

s:\2-envnmt\grndwtr\facility\cedarhil\cooresp\conditns.doc

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



### SEP 0 4 1996

### AFFIDAVIT OF PUBLICATION

No. 36795

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 publication on the following day(s):

Wednesday, August 28, 1996;

and the cost of publication is: \$63.56.

int Lovet

### On 82996 ROBERT LOVETT

appeared before me, whom I know personally to be the person who signed the above document.

My Commission Expires May 17, 2000

Environmental Bureau Oil Conservation Division

COPY OF PUBLICATION



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

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

(GW-258) - Burlington Resources Oil and Gas Company, Mr. Craig A. Bock, (505)-326-9537, P.O. Box 4289, Farmington, NM, 87499-4289, has submitted a Discharge Plan Application for their Cedar Hill Compressor Station located in the SW/4, SW4 of Section 29, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. Any potential discharge at the facility will be stored in a closed top receptacle. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 89 feet with a total dissolved solids concentration ranging from approximately 308 to 1,923 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 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 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 discharge plan application and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 15th day of August, 1996.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION /s/William J. LeMay WILLIAM J. LEMAY, Director

SEAL

WJL/pws

Legal No. 36795 published in The Daily Times, Farmington, New Mexico on Wednesday, August 28, 1996.



<u>Since 1849. We Read You.</u>

LEGAL NO:

Affidavits:\_\_\_\_\_

Tax:

AUG 2 6 1996

AD NUMBER: Environmental Bureauccount: 56689 Oil Conservation Division

LINES once at \$ 67.20

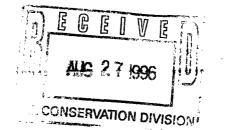
P.O. #: 96199002997

5.25

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NEW MEXICO OIL CONSERVATION ATTN: SALLY MARTINEZ 2040 S. PACHECO SANTA FE, NM 87505



### NOTICE OF PUBLICATION | obtain further information

#### STATE OF NEW MEXICO ENERGY, MINERALS ANDNATURAL RESOURCES DEPARTMENT

#### OIL CONSERVATION DIVISION

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 15th day of August 1996.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION WILLIAM J. LEMAY, Director Legal #60264 Pub. August 23, 1996

### AFFIDAVIT OF PUBLICATION

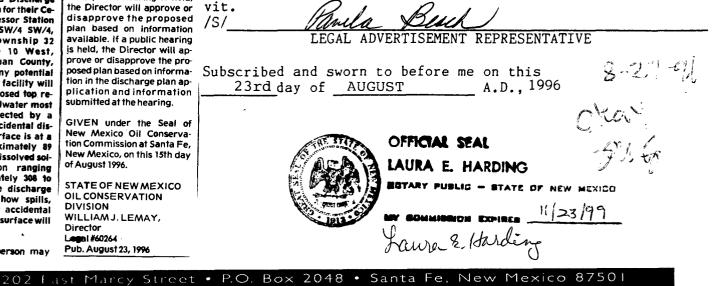
Total:\_\_\_\_\_\$\_76.98

60264

STATE OF NEW MEXICO COUNTY OF SANTA FE

168

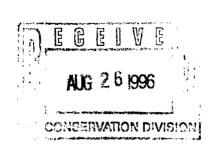
I, BETSY PERNER \_\_\_\_\_\_being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily news paper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a Newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication  $\#_{60264}$  a copy of which is hereto attached was published in said newspaper once each week for one consecutive week(s) and that the notice was published in the newspaper proper and not in any supplement; the first publication being on the 23rd day of AUGUST 1996 and that the undersigned has personal knowledge of the matter and things set forth in this affida-



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SAN JUAN DIVISION



August 19, 1996

Certified - Z 382 318 167 C-1/4 - 2-55

Pat Sanchez New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505 RECEIVED

AUG 2 6 1996

Environmental Bureau

### Re: Ground Water Discharge Plan Filing Fee Cedar Hill Compressor Station

Dear Mr. Ashley:

Burlington Resources. is submitting the Discharge Plan Filing fee for the Cedar Hill Compressor Station. Attached is a check for the amount of \$50.00.

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

Sincerely,

Environmental Representative

Attachment: Discharge Plan Filing Fee (\$50.00)

cc: Rick Benson, BR New Mexico Oil Conservation Division - Aztec Office Cedar Hill Compressor Station: Discharge Plan\Correspondence

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**NOTICE OF PUBLICATION** 

AUG 22 1996 ダススス USFWS - NMESSO

Environmental Bureau Oil Conservation Division ENERGY, N

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

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 15th day of August, 1996.

	TATE OF NEW MEXICO
NO EFFECT FINDING The described action will have no effect on listed species,	VILLIAM J. LEMAY, Director
Consultation #GW960CD-1 Approved by U.S. FISH and WILDLIFE SERVICE NEW MEXICO ECOLOGICAL SERVICES FIELD OFFICE ALBUQUERQUE, NEW MEXICO	VJL/pws



## NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

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

August 15, 1996

CERTIFIED MAIL RETURN RECEIPT NO. P-594-835-306

Mr. Craig Bock Burlington Resources P.O. Box 4289 Farmington, NM 87499-4289

RE: Groundwater Data, GW-258 "Cedar Hill" Compressor Station San Juan County, New Mexico

Dear Mr. Bock:

Per, the phone conversation today August 15, 1996 OCD has agreed to look-up the groundwater data for the Burlington Resources facility located in the SW/4 SW/4, Section 29, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico. However, all future discharge plan submittal from Burlington Resources will include actual or approximate depths to groundwater and TDS values.

1.	Depth to Groundwater:	About 89'	
2.	Total Dissolved Solids:	308 to 1923 Emg/L]	

### (See attached reference materials.)

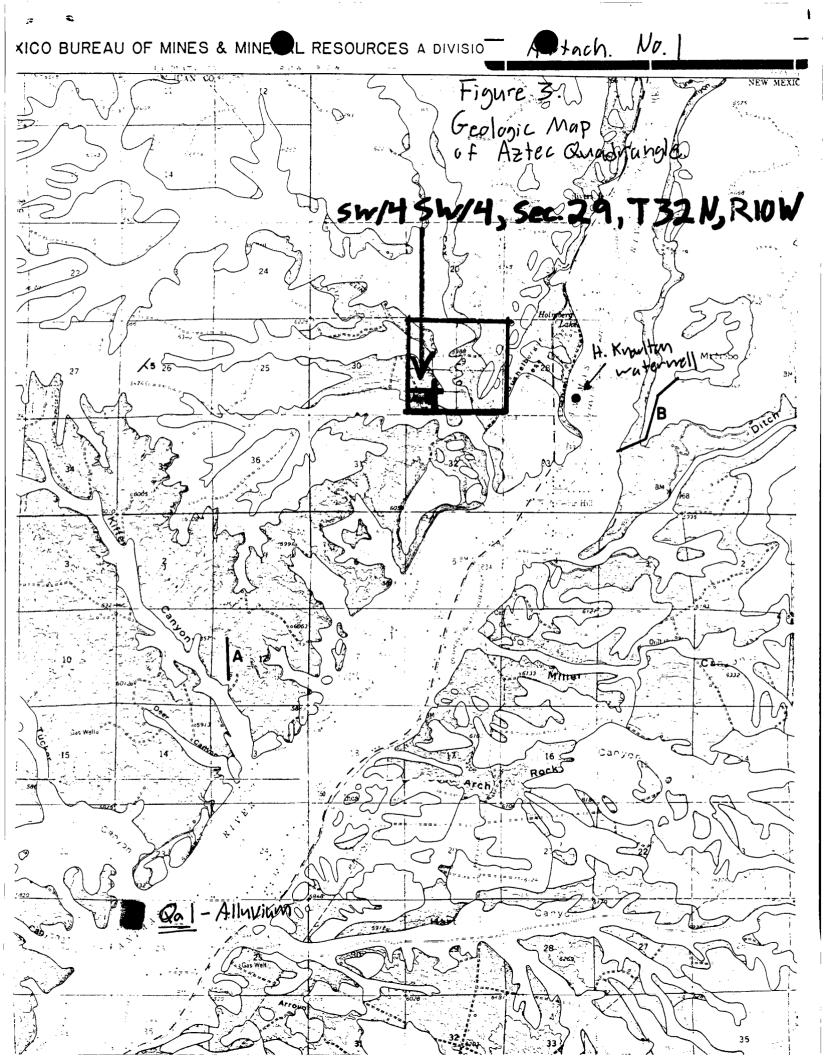
This information will allow OCD to issue the public notice for discharge plan GW-258, and permit processing can begin.

If you have any questions regarding this matter feel free to call me at (505)-827-7156.

Sincerely,

alin M.S and f

Patricio W. Sanchez Petroleum Engineer, Environmental Bureau



From Hydrogeology of Aztec Quadrange: Hydrogeologic Sheet No. | TABLE 1-RECORDS OF WELLS IN THE AZTEC QUADRANGLE: See fig. 9 for locations. EPNG = El Paso Natural Gas Corp.; Qal = alluvium, Tsj = San Jose For-mation, Tn = Nacimiento Formation; D = domestic, S = stock, 1 = industrial, P&A = plugged and abandoned; SC = specific conductance; • indicates chemical analysis given in table 3: - means information not available chemical analysis given in table 3; - means information not available.

owner or well name	field no.	location no.	approx. clev. (ft)	total depth (ft)	water depth (ft)/date	principal aquifer	total aquifer thickness (ft)	well type	year constructed	use		chemical analysis?	remarks
Cox Canyon	Al	32.11.23.100	6,400	_	53/9-75	Qal		drld	_	S	w	_	P&A
B. Heizer	A 2	32.10.15.100	5,945	35		Qal	35	dug	-	D,S	Ε	*	water softener used
W. Head	A3	32.10.15.200	5, <b>92</b> 0	30	15/9-74	Qal	30	dug		D	Е	_	24-inch steel casing
JF. Clark	A4	32.10.21.400	5,920	104	24/9-74	Qal	-	drld	1962	D,S	Е	*	3 sands: 45, 60, 97
I. Knowlton	A5	32.10.28.400	5,925	35	16/9-74	Oal	35?	drld	1967	D,S	E	_	S.C. = 1000 µmhos
A. Flaherty	A6	32.10.32.400	5,820	30		Qal	30?	dug		D	-	*	not potable
C. Lanier	Α7	32.10.33.200	5,870	55	45-55/?	Qal	55?	dug	1950?	D,S	-	*	
C. Saller	A8	32.10.33.400	5,920	64	36/9-74	Qai	64?	dug		D	E	_	S.C. = 1025 µmhos
M. Bishop	A9	31.11.24.400	5,745	40	8/9-74	Oal	40?	dug	_	D,S	E	*	water softener used
F. Randalmon	A10	31.11.26.100	5,680	57	-	Qal	57?	drld	-	_	_	*	
A. Hill	ALL	31.11.26.400	5,720	39	23/8-75	Oal	39?	drld	1961	D,S	E	*	set in coarse gravel
L. Long	A12	31.11.26.400	5,770	70		Oal	70?	drld	_	1	E	_	S.C. = $1120 \mu mhos$
G. Foster	A13	31.11.34.300	5,670	60	7/8-75	Qal	60?	drld		D	Ē	*	
L. Likes	A14	30.11.34.400	5,680	47	20/?	Qal	47?	drld	1974	D	Ē	*	
A. Katlan	A15	31.10.4.200	5,760	_	14/9-74	Qal	_	dug	_	D	Ē	_	S.C. = 780 µmhos
unknown	A16	31.10.5.200	5,834	_	-	Qal	-	dug	-	D,S	Ĕ	-	S.C. = 1100 $\mu$ mhos
Pan Am Petrol.	A17	31.10.5.000	5,810	27?	-	Qal	-		-	1?	_	*	2.0. 1.00 p
J. Hollar	A18	31.10.6.400	5,795	30	-	Qal	_	drld	1950	D	Е	*	strong odor, stainir
C. Smith	A19	31.10.8.100	5,790	-	5/9-74	Qal		dug	1952	D	Ē	-	S.C. = 760 $\mu$ mhos
E. Flaherty	A20	31.10.18.100	5,780	30	16/9-74	Qal	30?	drld	1950	D,S	Ē	*	taps shallow spring
J. Boston	A21	30.11.4.400	5,640	50	35/9-74	Qal	35?	drld	-	D,5 D,5	E		S.C. = $890 \mu$ mhos
C. Van Dusen	A22	30.11.9.000		-		Qal		-	· —	D,3 -	- -	*	$3.0 350 \mu mmos$
A. Moore	A23	30.11.10.000		32	-	Qal	_	agrd	1958	_	E	_	
R. Chavez	A24	29.9.3.200	5,612	16	6/10-74	Qal	_	dug	1950	D,S	E	_	S.C. = 460 µmhos
M. Jacquez	A25	29.9.4,100	5,615	54	36/10-74	Qal Qal	_	drld	1900	D,3 D	E	_	S.C. = $400 \ \mu mhos$ S.C. = $820 \ \mu mhos$
C. Gurule	A25	29.9.4.100	5,610	45		Qal	45?	drld	-	D	E	*	$3.C. = 820 \mu m m s$
R. Gutierrez	A20	29.9.4.100	5,575	20	9/10-74	Qal Oal	45:		_ 1911	D	L N		8.0 - 606 - 1
EPNG, Barnes #2	S2	32.11.23.300	5,375 6,200	585	,	•		dug		_		-	S.C. = 595 $\mu$ mhos
EPNG, Schwertfeger #4		31.9.10.300	6,200	462	~	T sj T si	126? 100	drld	1953 1952	I	-	-	P&A
EPNG, Riddle #1D	S110	31.9.17.300	,		-	T sj T si		drld		1	-	-	P&A
EPNG, Barret #1			6,490	550	-	T sj	40	drld	1953	1	-	-	yielded 6 gpm; P&/
•	S13	31.9.19.000	6,560	517		T sj	55	drld	1952	I		-	yielded 20 gpm; P&
EPNG, Barret #2	S14	31.9.20.200	6,260	202	-	Tsj	30	drld	-	l	-	— 	yielded 20 gpm; P8
Little Pump	S15	31.9.28.100	6,180		51/2-76	Qal-Tsj	-	drld	-	S	_	*	not used
EPNG, Schwertfeger #1	S16	31.9.27.300	6,080	120	-	Tsj	25	drld	_	I	_	-	yielded 40 gpm
EPNG, Schwertfeger #2	S17	31.9.27.400	6,080	118	-	Tsj	34	drld	1952	I	-	-	yielded 20 gpm
EPNG, Turner #1	S 20	30.10.13.000	6,480	425	345/?	T sj	-	drld	_	1		~	
EPNG, Florance #1	S22	30.10.24.200	6,280	293		T sj	-	drld	1953	I	-	-	yielded 20 gpm
EPNG, Barnes #1	NI	32.11.24.200	6,200	105	-	Tn	35	drid	1953	1		-	
EPNG, Horton #1	N2	32.11.29.300	6,400	588		Тn	55	drld	1953	l	-	-	outside Aztec quad
EPNG, Neal #6	N3	32.11.33.200	6,150	321	-	Тn	48	drid	1953	1	_	_	
N.M. Port of Entry	N4	32.10.16.400	5,680	750	51/3-75	Tn		drld		D	_	*	
M. Randalmon	N5	31.11.24.300	5,700	173	7/9-74	Tn	_	drld	_	_	_	-	not potable
R. Pettijohn	N6	31.11.34.300	5,720	95	69/9-74	Tn	_	drld	1960	D	Е	-	S.C. = $2240 \mu mhos$
G. Saline	N7	31.11.35.300	5,720		8/9-74	Tn	_	drld	1952	Ď	Ē	_	S.C. = $1575 \mu$ mhos
FPNG Lucerne #1	NR	31 10 10 200	6170	455	.,	· •	/ <del>-</del>	• •			• *		

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maniplying might units by conversion faciols as ronows:						
English unit × conversion f	actor =	metric unit				
acres (not abbreviated)	0.4047	hectare:				
acre-feet (acre-ft)	0.0012335	cubic hectometers (hm <sup>3</sup> )				
feet (ft)	0.3048	meters (m)				
feet squared per day (ft²/d)	0.0929	meters squared per day (m <sup>2</sup> /d)				
gallons (gal)	0.00379	cubic meters (m <sup>3</sup> )				
gallons per minute (gpm)	5.45	cubic meters per day (m <sup>3</sup> /d)				
gallons per minute (gpm)	0.0639	liters per second (1/s)				
gallons per day (gpd)	0.003785	cubic meters per day (m <sup>3</sup> /d)				
inches (not abbreviated)	2.54	centimeters (cm)				
miles (mi)	1.6093	kilometers (km)				
square miles (mi <sup>2</sup> )	2.59	square kilometers (km²)				
feet squared per day (ft <sup>2</sup> /d) gallons (gal) gallons per minute (gpm) gallons per minute (gpm) gallons per day (gpd) inches (not abbreviated) miles (mi)	0.0929 0.00379 5.45 0.0639 0.003785 2.54 1.6093	meters squared per day (m <sup>2</sup> /d) cubic meters (m <sup>3</sup> ) cubic meters per day (m <sup>3</sup> /d) liters per second (1/s) cubic meters per day (m <sup>3</sup> /d) centimeters (cm) kilometers (km)				

All wells, springs, and samples are identified in the tables by two numbers. The first is a short letter-numeral combination in which the letter identifies the aquifer and the numeral is a field number assigned during inventorying or sampling. Because this letter-numeral combination is the shorter designation, it is used on the maps and figures and in the text.

The other system of numbering used is that used by the New Mexico State Engineer and is based on the township, range, and section land grid (fig. 1 on back of sheet). In this system each well or spring has a unique location number consisting of four parts separated by periods: 31N.10W.24.213. The first part refers to the township, the second designates the range, and the third identifies the section (fig. 1A). The fourth part locates the well or spring within the section to the nearest 10-acre tract (fig. 1B): each section is divided into quarters, which are assigned numbers such that the northwest quarter is number 1, the northeast quarter is number 2, the southwest quarter is number 3, and the southeast quarter is number 4. Each quarter section is then divided into quarters numbered in the same manner. Each quarter-quarter section is similarly divided and numbered. If the location of a well or spring cannot be determined to quarterquarter section or quarter-quarter-quarter section, a zero is used in the appropriate position in the fourth part of the number. A well designated 31N.10W.24.213 is located in the SW1/4 NW1/4 NE1/4 sec. 24, T. 31 N., R. 10 W. (fig. 1). A spring located in the NW14 sec. 31, T. 2 S., R. 1 W. would be numbered 2S.1W.31.100. In unsurveyed areas, locations are approximated by constructing a township grid on the best available map. In this report, all townships are N., and all ranges are W.; therefore, compass designations are not used in location numbers. Location 31N.10W.24.213 will read 31.10.24.213.

N., R. 5 W.) 16 (fi

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susseries and the foldentel has always a problem in the northern part of the San Juan Basin. In the south, the Sar Formation lies on the Nacimiento Formation with angular unconformity and West, 1967). In the north, however, the apparent continuous deposit Paleocene and Eocene times (Reeside, 1924; Simpson, 1948) caused the g tional nature of the contact there. Its location has differed by as much as 5 maps by Reeside (1924) and Dane and Bachman (1965). Fig. 3 shows this cc remapped in detail.

17 Criteria used in mapping the Nacimiento-San Jose contact were sim. those of Reeside (1924, p. 46): the contact was generally placed at the base first thick, erosion-resistant, coarse-grained sandstone above which a sanc lithology dominated and surpassed shale lithology in thickness (fig. : numerous places the contact is easily located by these criteria because a portion of the Nacimiento Formation is exposed below. From these and localities, the contact can be traced laterally with relative ease. In other a however, the contact is partially covered or uncertain because the San Jose mation is poorly represented owing to erosion.



FIGURE 5—CONTACT BETWEEN THE NACIMIENTO FORMATION (TR) AND SAN Formation (Tsj) in Mount Nebo near Cedar Hill, New Mexico, SEV 22, T. 32 N., R. 10 W.; view toward east; note bridge where Denver an Grande Western Railroad crosses Animas River.

era	system	series	stratigraphic unit	general lithology	approximate maximum thickness (ft)	depth to top of unit (ft)	maximum anticipated well yields (gpm)	water quality	remarks
U	rnary	Holocene	valley fill	gravel,sand,silt,clay	100	at surface	500	TDS: 308-1,923 ppm	water table fluctuates 10-20 ft seasonally
·	Quate	Pleistocene	terrace and pediment deposits	gravel,sand	30	at surface	could be high where saturated	not able to sample:	not saturated; small guan- tities of perched water locally
Z 0	٢Y	Eocene	San Jose Fm.	conglomeratic sand- stone, mudstone	1,000	surface- 30	1,200	TDS(springs): 110-1,528ppm	specific capacity generally < 2 gpm/ft
с 9	tia	Paleocene	Nacimiento Fm.	mudstane,sandstone	2,000	surface-1,000	100	TDS: 1,004-6,754 ppm SC: 1,120-4,500µmhas	ane well flowed to height of 2 ft above ground surface
ပ	Ter	Fuleocene		conglomeratic sand- stone,corbonaceous mudstone	225	700 - 3,000 (1,500 avg)	200	not able to sample	no wells known to tap this unit in study area; major aquifer elsewhere

FIGURE 2-GENERALIZED STRATIGRAPHY AND WATER-RESOURCE INFORMATION FOR THE AZTEC QUADRANGLE; TDS = total dissolved solids, SC = specific conductance.

#### THE AZTEC QUADRANGLE

The Aztec 15-minute quadrangle is located about 15 mi (25 km) northeast of Farmington in northeastern San Juan County, New Mexico. The population of about 7,000 people includes the communities of Aztec, Cedar Hill, and Turley. Aztec (population 6,000) is the San Juan County seat.

6 Land use and economy in the Aztec quadrangle are dominated by the petroleum industry and agriculture. Approximately 400 wells have been drilled since the discovery in 1920 of natural gas 1 mi (1.6 km) south of Aztec (Barnes, 1950). In the valleys, approximately 4,000 acres (1,620 ha) are irrigated for farming; the uplands are used for grazing beef cattle.

Residents of the area have relied heavily on surface-water supplies derived from the Animas and San Juan Rivers. As the regional population has grown with the increased industrial activity (especially energy-resource development), the competition for this limited surface water has intensified. However, virtually all surface water has been appropriated, and water for future use must be either ground water or negotiated surface water.

In response to growing interest in ground-water resources in northwestern New Mexico, the State Engineer declared the San Juan Basin an underground water basin on July 29, 1977. The purpose of declaring such basins is to protect existing surface-water rights from possible impairment by uncontrolled groundwater development. Once a basin is declared, its ground water is subject to ap-

The Nacimiento-San Jose contact varies in elevation across the s 18 area-not surprising in view of the stream-channel origin of the San Jose s stones. The most significant irregularity is the low near the Animas River in N., R. 10 W., where the contact drops from an elevation of greater than 6,3 to less than 6,200 ft (1920-1990 m).

A major change in lithology of the lower part of the San Jose Forma 19 is the much higher sandstone/shale ratio in the southeastern part of the s area. Basal sandstones in the northern part of the area seldom exceed 93 ft (2 in thickness; to the southeast more than 320 ft (98 m) of continuous sands were measured in the San Jose Formation in SW1/4 sec. 19, T. 30 N., R. 1 (Brown, 1976, appendix A, measured section 8).

#### AQUIFERS

#### Valley fill (Quaternary)

The valleys of the Animas and San Juan Rivers and their m 20 tributaries are partially filled with alluvium consisting of gravel, sand, silt, clay (fig. 3). These materials, deposited by streams in Pleistocene and Re time, are being eroded by gullying that began regionally about 1880 (Br 1928).

21 In the valley of the Animas River, the alluvium consists predominant. sand and gravel. This material is outwash from Pleistocene glaciers in the



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



AUG 1 5 1996

Environmental Bureau Oil Conservation Division

#### 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,

Lith M. Brededen

Keith M. Boedecker Sr. Staff Environmental Representative

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

### **OCD ISSUED UIC PERMITS and DISCHARGE PLANS**

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.	5. Middle Mesa No. 1 Order SWD-350	
6.	San Juan 30-6 No. 2	Order SWD-351
7.	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

### UNDERGROUND INJECTION CONTROL PERMITS

### **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		

STATE OF NEW MEXICO OIL CONSERVATION DIVISION MEMORANDUM	OF MEETING OR CON	VERSATION
Telephone Personal	9:30 AM	Date 8/5/96
Originating Party		Other Parties
Pat Sanchez- OCD	Cra	arg BOCK - Burlington
Subject Cedar Hill discha	rge plan-	- GW-258
Discussion Called Mr. Bock a Could not process Submitted groundna depth to groundna	his pern ter data	him know that OLD nit unless be for the site: i.e. d TDS Emg/L].
<u>Conclusions or Agreements</u> In ( <u>process of permit and</u> <u>must submit ground</u> <u>for the site. Mr. Bound</u> <u>Sa Huat the process on</u> <u>Distribution</u> File	inder for issue pr notor da ck agreed permit signed c	r OCD to continue Notice - Mr. Bock to -ie. depth and TDS to Submit data May continue. Matrix W. Submit

STATE OF OIL CONSERVATION DIVISION MEMORANDUM OF MEETING OR CONVERSATION 8-15-96 Date Time 8:00AM Telephone Dersonal Originating Party Other Parties Pat Sanchez - OCD Craig Bock - Burlington Res. Subject Discharge Plan -Cedar Hill Grandwater duta. Discussion Bock told m lucate hr nr. Not soundmenter data him 70 ha from groundwater data generic 00 HRMMK Sources -GUUN \_NP Send T agreed dat AOK 71 4.1 MV.  $\mathcal{N}$ this Ganvee and Dhane MV. Bill issul めじし Conclusions or Agreements water this time rand WK wi uρ Dubli use Ò 5511 Bauk Ύ*γ*. rand nat а refer this Phone will to ral **Distribution** Signed in

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I hereby acknowledge receipt of check No. dated $\frac{7}{25}\frac{1}{166}$ ,
or cash received on in the amount of \$ 50.00
from Mandia
for <u>Codonttell</u> C.S. Gw-258
Submitted by:
Submitted to ASD by: R. Gandan Date: 10/18/96
Received in ASD by: Klac Date: 10/73/94
Filing Fee X New Facility Renewal
Modification Other
Organization Code <u>521.07</u> Applicable FY <u>97</u>
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

CHECK NO.

DATE	AMOUNT
07/25/96	**********\$50.00

VOID IF NOT PRESENTED FOR PAYMENT WITHIN 60 DAYS

PAY TO THE ORDER OF

VENDOR NO.

101131

NEW MEXICO ENERGY MINERALS AND NATURAL DEPT OIL CONSERVATION DIVISION 2040 S PACHECO ST SANTA FE, NM 87505-5472

Evened & Du Bois

CONTROL NO.         DEFERINCE         DATE         PAID ON BEHALF OF         DUE VENDOR           420676707         RFC         960722         EPX         50.00           CEDAR HILL GROUNDWATER DISCHARGE PLAN FILING FEE         (7 w) - 2 58         50.00	MERIDIAN OIL 801 CHERRY ST SUITE 200 * FORT WORKH, TX 76102-6842					stions Please Call (505) 326-9519
420676707 RFC 960722 EPX 50.00 CEDAR HILL GROUNDWATER DISCHARGE PLAN FILING FEE	CONTROL NO.		DATE	PAID ON BEHALF OF		DUE VENDOR
			-	EPX CEDAR HILL GROUNDWATER DISCHARGE PLAN FILING FEE		
VENDOR NO. 101131 CHECK NO. 50.00	VENDOR NO. 101131	CHECK NO.			TOTAL	50.00

. . . . . . . . . . . .



SAN JUAN DIVISION

August 19, 1996

Certified - Z 382 318 167

Gw-258

Pat Sanchez New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, New Mexico 87505 RECEIVED

AUG 2 6 1996

Environmental Bureau

### Re: Ground Water Discharge Plan Filing Fee Cedar Hill Compressor Station

Dear Mr. Ashley:

Burlington Resources. is submitting the Discharge Plan Filing fee for the Cedar Hill Compressor Station. Attached is a check for the amount of \$50.00.

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ALIG 26 1996

CONSERVATION DIVISION

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

Sincerely,

Bock

Environmental Representative

Attachment: Discharge Plan Filing Fee (\$50.00)

cc: Rick Benson, BR New Mexico Oil Conservation Division - Aztec Office Cedar Hill Compressor Station: Discharge Plan\Correspondence

s:\2-envnmt\grndwatr\facility\cedarhil\chfiling.doc

P. O. Box 198 Hobbs, NM 8 <u>District II</u> - (. §11 S. First Artesia, NM 8 <u>District III</u> - ( 1000 Rio Braz Aztec, NM 87	Energy Minerals and Natural Resources DepartmentRevised 12/1/9505) 748-1283Oil Conservation DivisionSubmit Origin:2040 South Pacheco StreetPlus 1 Copic(505) 334-6178Santa Fe, New Mexico 87505to Santa F205 Road(505) 827-71311 Copy to appropriat
RE	CEW CAPPLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS
	G 05 1996 (Refer to the OCD Guidelines for assistance in completing the application) (Get $G$
Enviro	servation Division New Renewal Modification
1.	Type:Natural Gas Compressor Station
2.	Operator: Burlington Resources Oil and Gas Co. 7050 P may 8-15-44
	Address:P.O. Box 4289, Farmington, NM 87499-4289
	Contact Person: Craig A. Bock Phone: (505) 326-9537
3.	Location: <u>SW</u> /4 <u>SW</u> /4 Section <u>29</u> Township <u>32N</u> Range <u>10W</u> Submit large scale topographic map showing exact location.
4.	Attach the name, telephone number and address of the landowner of the facility site.
5.	Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6.	Attach a description of all materials stored or used at the facility.
7.	Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8.	Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9.	Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10.	Attach a routine inspection and maintenance plan to ensure permit compliance.
11.	Attach a contingency plan for reporting and clean-up of spills or releases.
12.	Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13.	Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14.	CERTIFICATION
	I herby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
	NAME: Craig A. Bock Title: Environmental Representative
	Signature: Date: Date: 7/25/96

# RECEIV

1

AUG 05 1996

Environmental Bu. Oil Conservation Division

### **CEDAR HILL COMPRESSOR STATION GROUND WATER DISCHARGE PLAN**

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July 25, 1996

6-2-258

Prepared for:

Burlington Resources Farmington, New Mexico

### **TABLE OF CONTENTS**

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I. TYPE OF OPERATION1
II. OPERATOR AND LOCAL REPRESENTATIVE1
III. FACILITY LOCATION1
IV. LANDOWNERS1
V. FACILITY DESCRIPTION2
VI. MATERIALS STORED OR USED AT THE FACILITY
A. Waste Stream Data2
B. Quality Characteristics2
C. Commingled Waste Streams
VII. WASTE COLLECTION STORAGE AND DISPOSAL
A. Fluid Storage
B. Flow Schematics
C. Surface and Subsurface Discharge Potential
D. NMOCD Design Criteria4
E. Underground Pipelines4
F. Proposed Modifications4
VIII. EFFLUENT AND SOLIDS DISPOSAL
A. On-site Facilities
B. Off-site Facilities5
IX. INSPECTION, MAINTENANCE AND REPORTING5
A. Leak Detection/Site Visits5
B. Precipitation/Runoff6
X. SPILL/LEAK PREVENTION AND REPORTING
A. Spill/Leak Potential6
B. Spill/Leak Control6
C. Spill/Leak Reporting7
XI. SITE CHARACTERISTICS
A. Hydrologic Features7
B. Geologic Description of Discharge Site7
C. Flood Protection7
XII. ADDITIONAL INFORMATION8

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### CEDAR HILL COMPRESSOR STATION GROUND WATER DISCHARGE PLAN

### I. TYPE OF OPERATION

• 2

The Cedar Hill Compressor Station (Cedar Hill) is a natural gas compressor station which receives gas via an upstream gathering system. At this facility field gas is compressed to an intermediate pressure and dehydrated.

### **II. OPERATOR AND LOCAL REPRESENTATIVE**

### A. Operator

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

### **B.** Technical Representative

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

### **III. FACILITY LOCATION**

Township: T 32N	Range: R 10W	Quarter: M	County: San Juan
_	_	Section: 29	

The site is located approximately 1 miles west of New Mexico State highway #550 and 1 miles south of Cox Canyon Road 2300 in San Juan County New Mexico. A topographic map of the area is attached as Figure 1, Facility Area Map.

### **IV. LANDOWNERS**

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

### **V. FACILITY DESCRIPTION**

Cedar Hill is constructed on a pad of approximately 5.6 acres in size. It consists of three gas compression engines (2,650 hp each), one dehydration unit, and the following tanks and sump:

Container Type	Capacity	Product	Construction Material	Location
Tank (T-104)	100 Barrel	New Oil	Steel	Above Ground
Tank (T-102)	100 Barrel	Used Oil	Steel	Above Ground
Tank (T-105)	100 Barrel	Ethylene Glycol (EG)	Steel	Above Ground
Tank (T-101)	210 Barrel	Produced Water	Steel	Above Ground
Tank (T-107)	750 Gallon	Triethylene Glycol (TEG)	Fiberglass	Above Ground
Open Top Tank (T-106)	50 Barrel	Produced Water	Fiberglass	Above Ground
Process Sump (T-108)	750 Gallon	Water, TEG, EG, Oil	Steel	Below Ground

Figure 2 (attached) illustrates the overall facility lay-out including the facility boundaries.

### VI. MATERIALS STORED OR USED AT THE FACILITY

Source of Waste	Type of Waste	Volume/Month	Type/Volume of Additives	Collection System/Storage
Dehydration Unit	Produced Water	23 barrels	None	Open Top Tank
Dehydration Unit	TEG	Intermittent	None	Open Top Tank
Dehydration Unit	Used TEG Filters	5	None	Container/Bin
Compressor Engines	Jacket Water	Intermittent	EG	Tank
Compressor Engines	Leaks/Precipitation	Intermittent	EG, Oil, Water	Sump
Compressor Engines	Used Oil	790 gallons	None	Tank
Compressor Engines	Oil Filters	12	None	Container/Bin
Inlet Filter Separator	Inlet Filters	94/per year (2 changes)	None	Container/Bin
Discharge Filter Coalescer	Coalescer Filters	66/per year (3 changes)	None	Container/Bin
Slug Catcher Inlet Separator	Produced Water	270 barrels	Pipeline Condensate	Tank
General Refuse	Solid Waste	1-2 Containers	None	Container/Bin

### A. Waste Stream Data

### **B.** Quality Characteristics

- 1. Note: No process waste streams are intentionally discharged to the ground surface. All waste streams are collected and their disposition is described in section VIII.
- 2. Produced water from the inlet filter separator, discharge filter coalescer, and the dehydration unit may contain the BETX hydrocarbon compounds listed in WQCC *1-101.ZZ*. Similarly, used oil collected in the sump will contain WQCC *1-101.ZZ* hydrocarbon compounds.

### C. Commingled Waste Streams

- 1. Produced water from the sump, slug catcher, and dehydration units are commingled prior to being hauled for disposal. In addition, wash water (fresh water) may also be introduced into the comingled waste stream
- 2. Attached is a chemical analysis of a similar commingled waste stream at the Archrock Compressor Station (Archrock). Since Cedar Hill's design is similar to the Archrock, Burlington Resources (Burlington) believes this analysis will be representative of Cedar Hill's comingled waste steam.

### VII. WASTE COLLECTION STORAGE AND DISPOSAL

### A. Fluid Storage

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

### **B.** Flow Schematics

Stream flow for the major equipment is shown in Figure 2. Produced water generated during the compression of gas will be sent to an above ground tank (T-101). Produced water generated during dehydration of the gas will be diverted to the open top tank (T-106).

### C. Surface and Subsurface Discharge Potential

- 1. The table in section V provides a listing of all above ground tanks and below grade sumps. Pressurized pipelines carry the compressed gas through the dehydration unit and outlet meter to the sales line.
- 2. Unintentional drips and leaks from equipment such as compressor engines, fluid pumps and gas compressors may drain into the underground sump. Fluids collected in the sump are periodically transferred to the produced water tank (See Figure 2).
- 3. The size and construction material of the onsite collection equipment is described in the table in section V.

### **D. NMOCD Design Criteria**

1. All storage tanks (Used oil, EG, Produced Water and New oil tanks) are surrounded by an earthen berm. The capacity of the bermed area exceeds the required NMOCD criteria of one and one third times the capacity of the largest tank. None of the storage tanks are interconnected with a common manifold.

Each above ground tank is placed on an impermeable pad to aid in the detection of any leaks that may develop in the bottom of the tank. Tanks are supported above the impermiable liner on a 6" gravel pack contained in a steel ring.

The TEG regeneration skid is located on a concrete pad equipped with containment curbs to identify and capture any leaks that may occur during the TEG regeneration process. The TEG storage tank and open top tank (T-106) are located on the same containment pad.

2. The below ground sump meets OCD specifications. The sump is constructed of steel and equipped with double walls and a leak detection system. The leak detection system is equipped with an inspection port to allow for periodic visual inspections.

### **E. Underground Pipelines**

All underground process pipelines are new. Mechanical integrity testing is performed prior to start-up and on an as needed basis (during modification or repairs).

### F. Proposed Modifications

All plant processes are closed pipe, contained in tanks, or otherwise controlled to prevent leakage. All storage, transfer, and containment systems meet the criteria described in "Guidelines for the Preparation of Ground Water Discharge Plans at Natural Gas Plants, Refineries, Compressors and Crude Oil Pump Stations" (NMOCD 12/95). No additional modifications are proposed at this time.

### VIII. EFFLUENT AND SOLIDS DISPOSAL

### A. On-Site Facilities

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

### **B.** Off-Site Facilities

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

Waste Stream	Onsite Storage	Shipping Agent	Final Disposition	Receiving Facility
Produced Water	Tank	See Note 1	Class II Well	See Note 2
Coalescer, Inlet Separator, Used Oil, TEG and Fuel Gas Filters	Bin	See Note 3	Landfill	Waste Management C/R 3100 Aztec, NM Profile # 025149, 025150, 0215149, 266263
EG	Tank	See Note 4	Recycled	See Note 4
Used Oil	Tank	Mesa Oil Inc. 20 Lucero Rd. Belen, NM 87002	Recycled	Mesa Oil Inc. 20 Lucero Rd. Belen, NM 87002
TEG	Tank	Overland Dehy 5895 US Hwy. 64 Bloomfield, NM	Recycled	Overland Dehy 5895 US Hwy. 64 Bloomfield, NM
Solid Waste (GeneralRefuse)	Bin	Waste Management C/R 3100 Aztec, NM	Landfill	Waste Management C/R 3100 Aztec, NM

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

Dawn Trucking Co.	Triple S Trucking Co.
318 Hwy. 64	P.O. Box 100
Farmington, New Mexico,	Aztec, NM 87410

Aztec, NM 87410 F

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

Sec. 2, T-29-N, R-12-W

Farmington, New Mexico

323 County Rd. 3500

Sunco Disposal

Overland Dehy

5895 US Hwy. 64 Bloomfield, 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

Cooper/Cameron Inc.

3900 Bloomfield Hwy.

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

Note 4: EG Shipper and Recycler:

Overland Dehy 5895 US Hwy. 64 Bloomfield, New Mexico Mesa Oil Inc. 20 Lucero Rd. Belen, NM 87002

### IX. INSPECTION, MAINTENANCE AND REPORTING

### A. Leak Detection/Site Visits

The sump incorporates NMOCD required secondary containment and leak detection systems. In addition, the sump is equipped with an inspection port between the primary and secondary walls to allow for periodic visual inspection.

5

As described in section VII. D. 1 of this plan, each aboveground storage tank is placed on an impermeable pad to detect leaks that may result from the failure of a tank bottom. All aboveground storage tanks are surrounded with an earthen containment berm that more than exceeds NMOCD's requirement of one and one third times the capacity of the largest tank.

Cedar Hill is an unmanned facility that operates 24 hours per day, 365 days per year. Both contracted and Burlington personnel frequently visit the site to inspect the equipment and ensure proper operation of the station.

### **B.** Precipitation/Runoff

Any precipitation that contacts the process equipment is collected in the process sump or containment skids and either allowed to evaporate or disposed of off-site (VIII.B). The facility pad is maintained to prevent surface accumulations of storm water.

# 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 of equipment containment skids
- 3. Rupture of process pipelines
- 4. Pigging operations

Prevention of accidental releases from these sources is a priority of Burlington. Spill prevention is achieved through proper operating procedures and by an active equipment inspection and maintenance program. Spill detection is accomplished by routine visual inspection of facility equipment and monitoring of process instrumentation by contracted and Burlington personnel.

To reduce the risk of spilled process fluids from contacting the ground surface, Burlington has purchased self contained skids for process equipment with a high potential of a spill/leak.

### **B.** Spill/Leak Control

General spill cleanup procedures may involve recovery of as much free liquid as possible, and minor earthwork to prevent migration. Recovered fluids would be transported off-site for recycling or disposal. Cleanup procedures will follow NMOCD's "Guidelines For Remediation of Leaks, Spills, and Releases" (August 13, 1993).

### C. Spill/Leak Reporting

Should a release of materials occur, Burlington will notify the NMOCD in accordance with the provisions described in NMOCD Rule and Regulation #116 and WQCC Section 1203.

# **XI. SITE CHARACTERISTICS**

### A. Hydrologic Features

- 1. *Surface Water*: There are no known surface water bodies within one mile of Cedar Hill. The Animas river is approximately 1.5 miles to the south of the facility.
- 2. *Domestic Water Sources*: No domestic water wells were found within 1/4 mile of the facility perimeter.
- 3. *Ground Water Discharge Sites*: Decker Springs is approximately 0.75 miles to the north of the facility perimeter. No ground water was encountered in any of the test borings.

### **B.** Geologic Description

1. A poorly graded clean to slightly silty sand (Unified Soils Classification SP-SM) and lean clay (CL) was found as the predominant soil type. These two soil types are found from the ground surface to the top of the sandstone bedrock which ranges from 2.5 feet to 4.5 feet below the ground surface. Sandstone found in the soil borings was classified as moderately hard to hard and slightly weathered.

The soils described above overlie the San Jose Formation of Eocene age. This unit consists of four members of varying lithology. The youngest or uppermost is designated as the Tapicitos Member and consist of fine to coarse-grained white, yellow and tan sandstones.

2. Information in this section was obtained from a geotechnical report that was generated to document physical characteristics of soils underlying Cedar Hill. Documentation of the soils involved drilling twenty test borings (ranging from 2.0 to 30 feet in depth), classifying and logging each soil type as it was encountered. The geotechnical survey is not included with this discharge plan.

No ground water was encountered in any of the test borings.

### **C. Flood Protection**

The elevation of the Cedar Hill facility is more than 250 ft above the Animas river, therefore special flood protection measures were not incorporated into the design of the facility.

# **XII. ADDITIONAL INFORMATION**

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

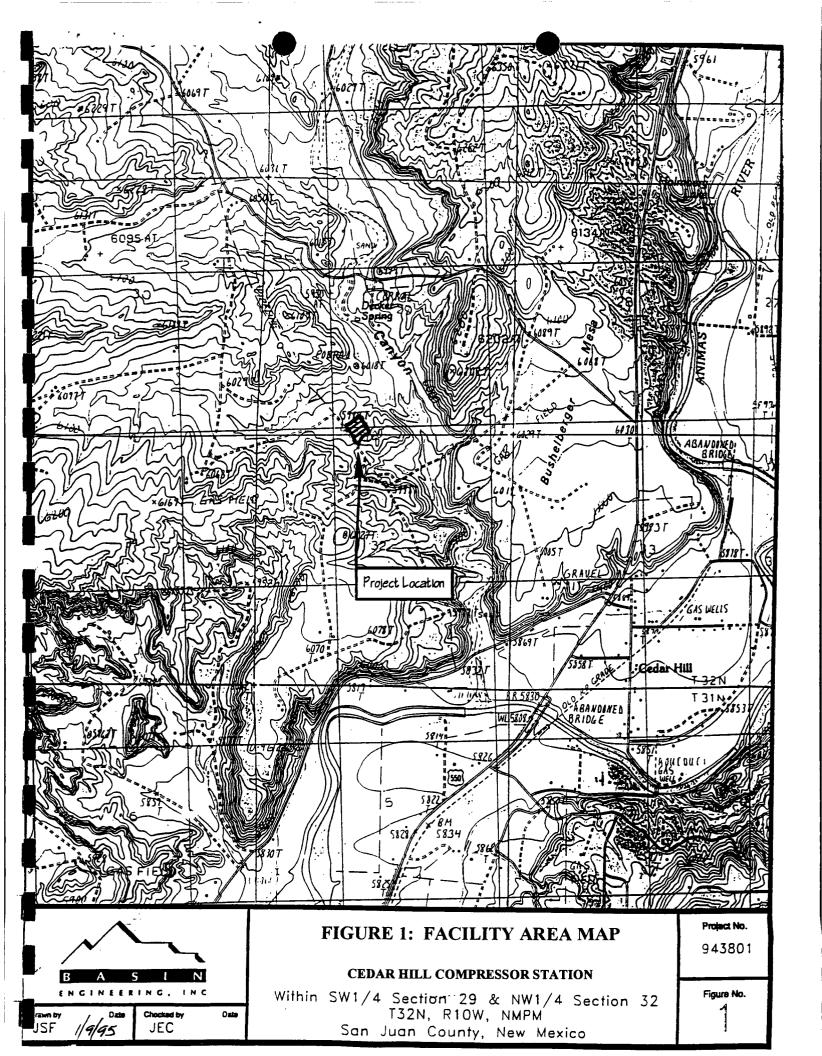
Name: Matt McEneny Title: Resource Manager

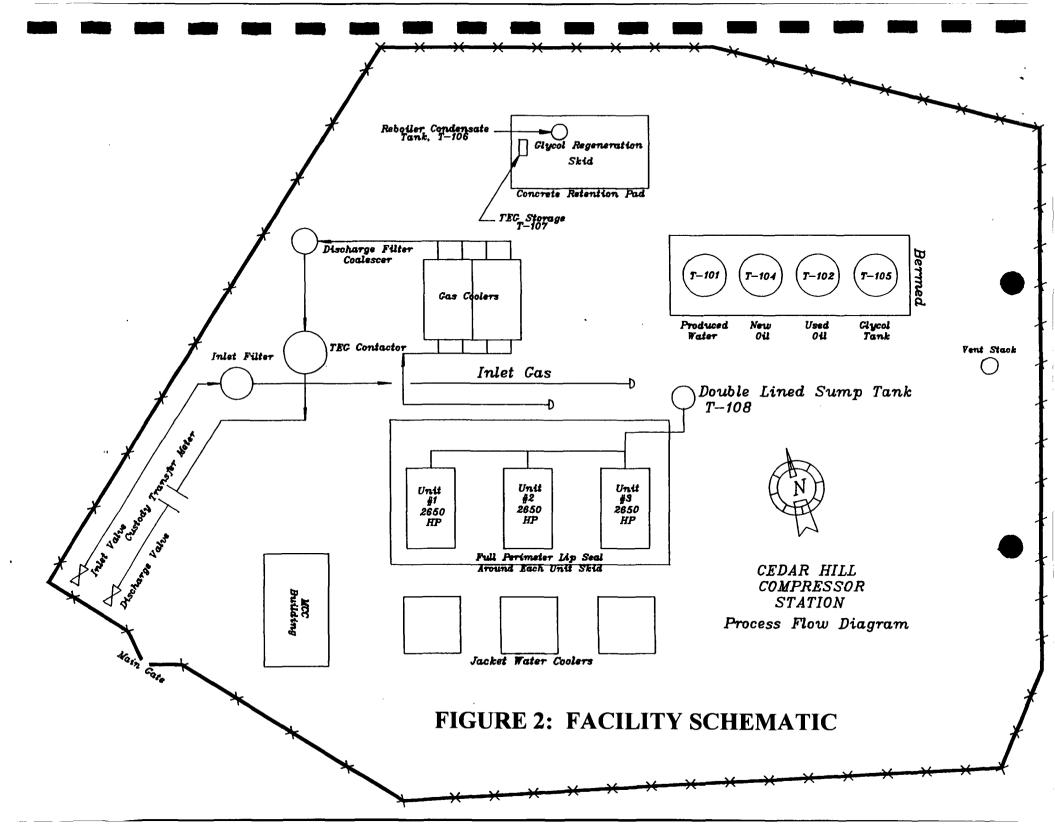
Signature: Keith Bales for Date: 7-25-96 Matt McEneny

Name: James B. Fraser

Title: Production Manager

Signature: JB FAPER Date: 7-25-96





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ILORIDE/EPA 300 bloride	45.1	mg/L	0.50	1.0	03 <b>/2</b> 2/95	WANION117
DRIDE/EPA 300 bride	0.6	mg/L	0.50	1.0	03/22/95	WANION117
IRATE/NITRITE/EPA 300 litrate/Nitrite as N	ND	mg/L	0.20	1.0	03/22/95	WANION117
UTE/EPA 300 tite as N	ND	mg/L	0.20	1.0	03/22/95	WANION117
THOPHOSPHATE-P/EPA 300	ND	mg/L	0.40	1.0	03/22/95	WANION117
/EPÅ 150.1	6.4	pH Units	0.10	1.0	03 <b>/2</b> 2/95	WPH281
FATE/EPA 300 ulfate	9.8	mg/L	0.50	1.0	03/22/95	WANION117
S/EPA 160.1 Dissolved Solids	11600	mg/L	1.0	1.0	03 <i>1</i> 23/95	WTDS200
b ID: 9503187-01B ple ID: WS-1		Collected: Matrix: WA		5 10	:45:00	
Est / METHOD	RESULT	UNITS	LIMIT	DF	DATE	
			DTWT I	<i>D_</i> r	ANAL	BATCH_ID
H'S/SW846 8310						
aphthalene naphthylene naphthene	ATTACHED ATTACHED					
naphthene Jorene	ATTACHED ATTACHED					
enanthrene whracene	ATTACHED ATTACHED					
branthene	ATTACHED ATTACHED					
enzo(a)Anthracene trysene	ATTACHED					
zo(b)Fluoranthene zo(k)Fluoranthene	ATTACHED ATTACHED					
zo(k)Fluoranthene nzo(a)Pyrene ibenzo(a,h)Anthracene	ATTACHED ATTACHED					
anzo(ghi)Perylene	ATTACHED					
Member: American Council of Independent Laboratories, Inc.	REPRODUCTION OF TIUS Tius Report May Not tr Usb Product Engasement B	REPORT IN LESS THAN FULL RE ID IN ANY MANNES BY THE CI IV THE NATIONAL LABORATOR	OUIRES TID WRITT IIINT OR ANY OTH Y VOLUNTARY ACC	EN CUNSENT Er Tilird Pa Reditation	OF AAL RTY TO CLAIM PROORAM.	

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Page: 2 ID: 9503187-01B **Collected:** 03/20/95 10:45:00 Sample ID: WS-1 Matrix: WATER т / METHOD TΤ RESULT UNITS LIMIT DF DATE BATCH ID ANAL S/SW846 8310 no(1,2,3-cd)Pyrene ATTACHED ID: 9503187-01C **Collected:** 03/20/95 10:45:00 Sample ID: WS-1 Matrix: WATER T / METHOD RESULT UNITS LIMIT DF DATE BATCH ID ΤĦ ANAL BTEX/EPA 602 WGCVOA180 WGCVOA180 ug/L 03/23/95 zene 2.0 1.0 1.0 1.0 1.0 03/23/95 Π uene 4.3 ug/L WGCVOA180 WGCVOA180 Ethylbenzene ND ug/L 1.0 1.0 03/23/95 1.0 03/23/95 P-&m-xylene 4.6 ug/L 2.0 03/23/95 WGCVOA180 Quylene 3.8 ug/L 1.0 1.0 Collected: 03/20/95 10:45:00 Lab ID: 9503187-01D Sa hple ID: WS-1 Matrix: WATER TEST / METHOD RESULT UNITS LIMIT DF DATE BATCH ID ANAL CYANIDE, TOTAL/EPA 335.2 ND 0.020 1.0 03/25/95 WCNT86 Cyanide, Total mg/L Collected: 03/20/95 10:45:00 Lab ID: 9503187-01E Matrix: WATER Sample ID: WS-1 TEST / METHOD LIMIT DF DATE BATCH ID RESULT UNITS ANAL CV CVA Hg XT/EPA 245.1 ICP DIG/SW 846 3005 03/27/95 N/A 03/30/95 N/A MERCURY (CVAA)/EPA 245.1 N MI rcury ALS by ICP/EPA 200.7 ND mg/L 0.00020 1.0 03/27/95 WCV94 0.020 47.61 03/31/95 WICP34R Suver, Ag ND mg/L Aluminum, Al NT 0.50 WICP34R mg/L 0.020 WICP34R enic, As on, B 47.61 03/31/95 ND mg/L mg/L NT 0.030 WICP34R 0.010 47.61 03/31/95 WICP34R ium, Ba 13.7 mg/L 0.00040 Beryllium, Be NT WICP34R mg/L Calcium, Ca NT mg/L 0.10 WICP34R 0.0030 47.61 03/31/95 ND WICP34R lmium, Cd mg/L Copalt, Co Chromium, Cr NT 0.010 WICP34R mg/L ND 0.020 47.61 03/31/95 WICP34R mg/L WICP34R Copper, Cu NT 0.010 mg/L a, Fe assium, K NT mg/L 0.20 WICP34R NT mg/L 0.10 WICP34R gnesium, Mg 0.10 WICP34R NT mg/L Manganese, Mn NT mg/L 0.0020 WICP34R Sodium, Na NT WICP34R 0.20 mg/L 0.010

mg/L

WICP34R

NT

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Page:3

# Lo ID: 9503187-01E Sample ID: WS-1 | L

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

TET / METHOD	RESULT	UNITS	LIMIT	D_F	DATE ANAL	BATCH_ID
METALS by ICP/EPA 200.7 Inad, Pb Actimony, Sb Selenium, Se Thallium, Tl Inadium, V Zuc, Zn	ND NT ND NT NT NT	mg/L mg/L mg/L mg/L mg/L mg/L	0.020 0.030 0.050 0.080 0.0030 0.10	47.61 47.61	03/31/95 03/31/95	WICP34R WICP34R WICP34R WICP34R WICP34R WICP34R

James A. Seely Operations Manager

# WORKORDER COMMENTS

DAEE: 04/06/95 JORKORDER: 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"
  - $\overline{NT}$  = 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.

E ORT COMMENTS

lesults reflect total metal analysis.

Inchcape Testing Services

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

### SUMMARY REPORT

CLIENT : Assaigai Analytical Laboratories JOB NUMBER : H95-1702 CONTACT : Mr. Dan Moore REPORT DATE : 3-APR-1995 PROJECT :

SAMPLE NO.	ID MARKS	MATRIX	DATE SAMPLED
1	9503187-018 W5-1	Water	20-MAR-1995
2	Method Blank	Water	23-MAR-1995

POLYNUCLEAR AROMATIC HYDROCA EPA 8310	RBONS,		1		2		
Acenaphthene	µg/l	<	18.0	<	18.0		
Acenaphthylene	µg/L	<	10.0	<	10.0		
Anthracene	µg∕L	<	5.50	<	5.60		
Benzo(a)anthracene	µg/L	<	0.130	<	0.130		
Benzo(b)fluoranthene	µg/L	<	3.180	<	0.180	}	
Benzo(k)fluoranthene	µg/L	<	3.170	<	3.170		
Benzo(g.h.i)perylene	μς/L	<	0.760	<	0.760		
Benzo(a)pyrene	µg/L	<	0.230	<	0.230		
Chrysene	µç∕L	<	1.50	<	1.50		
Oibenzo(a,h)anthracene	µg/L	<	0.300	<	0.300		
Fluoranthene	µg/L	<	Z.10	<	2.10		
Fluorene	µg/L	<	2.10	<	2.10		
Indeno(1.2.3-cd)pyrene	µg/L	<	3.430	<	0.430		
Naphthalene	µg/L	<	18.0	<	18.0		
Phenanthrene	µg/L	<	6.40	<	6.40		
Pyrene	µg/L	<	2.70	<	2.70		

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SAN JUAN DIVISION July 24, 1996

Certified - Z 382 118 151

Mr. William J. LeMay Director Oil Conservation Division Energy, Minerals, and Natural Resources Dept. 2040 S. Pacheco Santa Fe, New Mexico 87504

# Re: Cedar Hill Compressor Station - Unit Ltr. M, Sec. 29, T32N, R10W Groundwater Discharge Plan Extension Request

Dear Mr. LeMay:

The above referenced facility, owned by Burlington Resources (formerly Meridian Oil), is scheduled for start-up on August 1, 1996. This schedule 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 our intent to submit a groundwater discharge plan within one week of this letter (by July 30, 1996).

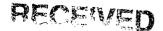
To allow sufficient time for regulatory review, public notice and approval, we would like to request a 120 day extension under WQCC Regulation 3-106, B. A granted extension under this regulation will allow Burlington Resources to operate the above referenced facility while the groundwater discharge plan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

Your assistance in this situation will be greatly appreciated. Please call me at (505) 326-9537 if further information is needed.

Sincerely,

Craig A. Bock Environmental Representative

cc: Pat Sanchez - NMOCD Santa Fe Denny Foust - NMOCD-Aztec



AUG 05 1996

Environmentel Bureau Oil Conservation Division

File: Cedar Hill Compressor Station.\discharge plan\correspondence



SAN JUAN DIVISION July 24, 1996

Certified - Z 382 118 151

Mr. William J. LeMay Director Oil Conservation Division Energy, Minerals, and Natural Resources Dept. 2040 S. Pacheco Santa Fe, New Mexico 87504

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AUG 05 1996

Environmental Bureau Oil Conservation Division

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Sincerely,

Craig A. Bock Environmental Representative

cc: Pat Sanchez - NMOCD Santa Fe Denny Foust - NMOCD-Aztec

File: Cedar Hill Compressor Station.\discharge plan\correspondence

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

July 24, 1996

# CERTIFIED MAIL RETURN RECEIPT NO. P-594-835-286

Mr. Craig Bock Burlington Resources P.O. Box 4289 Farmington, NM 87499-4289

# RE: Extension to Discharge "Cedar Hill" Compressor Station San Juan County, New Mexico

Dear Mr. Bock:

The New Mexico Oil Conservation Division has received the request (via Fax - with certified hard copy letter to follow) dated July 24, 1996 from Burlington Resources for an extension to discharge without an approved discharge plan for 120 days.

Pursuant to Water Quality Control Commission (WQCC) Regulations 3106.B, and for good cause shown, an extension to November 21, 1996 to discharge without an approved discharge plan for the Burlington Resources facility located in the SW/4 SW/4, Section 29, Township 32 North, Range 10 West, NMPM, San Juan County, New Mexico is hereby approved.

Please be advised this extension does not relieve Burlington Resources of liability should the operation of the facility result in pollution of surface waters, ground waters or the environment.

Sincerely, William J. LeMay Director WJL/pws

xc: Mr. Denny Foust

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# **ENVIRONMENTAL/SAFETY DEPARTMENT**

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

DATE:	7/24/96					
TO:	Pat Sanchez					
COMPANY:	NMOCD					
FAX:	(505) 827-8177					
FROM:	Craig A. Bock					
NO. OF PAGES (including cover): 2						
	OR SPECIAL INSTRUCTIONS: nprcssor Station					
Letter will folle	ow by mail.					
MOI Fax # 326	5-9725					
Please call me	at 326-9537 if you have any questions.					



# JUL 2 4 1996

Environmental Bureau Oil Conservation Division

Please call (505) 326-9506 or 326-4055 for fax transmission assistance.

JUL 24'96 14:39 No.002 P.01

ID:202-326-9722



SAN JUAN DIVISION July 24, 1996

Certified - Z 382 118 151

Mr. William J. LeMay Director Oil Conservation Division Energy, Minerals, and Natural Resources Dept. 2040 S. Pacheco Santa Fe, New Mexico 87504

### Re: Cedar Hill Compressor Station - Unit Ltr. M, Sec. 29, T32N, R10W Groundwater Discharge Plan Extension Request

Dear Mr. LeMay:

The above referenced facility, owned by Burlington Resources (formerly Meridian Oil), is scheduled for start-up on August 1, 1996. This schedule 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 our intent to submit a groundwater discharge plan within one week of this letter (by July 30, 1996).

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Sincerely,

14:39 No.002 P.02

Craig A. Bock Environmental Representative

cc: Pat Sanchez - NMOCD Santa Fe Denny Foust - NMOCD-Aztec



JUL 2 4 1996

Environmental Bureau Oil Conservation Division

File: Cedar Hill Compressor Station./discharge plan/correspondence

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

52 INF 54.60

ID:502-326-9725

MERIDIAN-FARMINGTON