

15364

CASE (Number): *Application of Chevron Midcontinent, LP for approval of a salt water disposal well, Lea County, New Mexico.* Applicant seeks an order approving disposal of produced water into the Delaware Mountain group at depths of 5215 feet to 7760 feet subsurface in the **Bell Lake 2 State Well No. 1**, located 1980 feet from the north line and 660 feet from the east line of Section 2, Township 25 South, Range 33 East, NMPM. The well is located approximately 20 miles west of Jal, New Mexico.

5/14/2015
DATE IN

SUSPENSE

PRG
ENGINEER

5/14/2015
LOGGED IN

SWD
TYPE

153259473
APP NO.

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Case 15364

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

- SWD
 - CHURON midcontinent
 18410 241333
 well
 - BEN LAKE STATE #1
 30-02527178
 POW
 - SWD Delaware
 96100

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Paul T. Brown

Petroleum Engineer

4/22/15

Print or Type Name

Signature

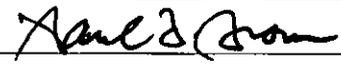
Title

Date

paulbrown@chevron.com

e-mail Address

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: Chevron Midcontinent, L.P.
ADDRESS: 15 Smith Road Midland, TX 79705
CONTACT PARTY: Paul T. Brown PHONE: 432-687-7351
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Paul T. Brown TITLE: Petroleum Engineer
SIGNATURE:  DATE: 4-22-15
E-MAIL ADDRESS: paulbrown@chevron.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

**PROPOSED
WELLBORE DIAGRAM**

Created:	<u>2/6/2015</u>	By: <u>PTB</u>	Well No.: <u>1</u>	Field: <u>Vaca Draw (Morrow)</u>
Updated:		By: _____	Unit Ltr: <u>H</u>	Sec: <u>2</u> TSHP/Range: <u>25S/33E</u>
Lease:	<u>Bell Lake 2 State</u>		St Lease:	API: <u>30-025-27178</u> Cost Center: <u>BCUS50100</u>
Surface Location:	<u>1980' FNL & 660' FEL</u>			CHEVNO: <u>AH2272</u>
County:	<u>Lea</u>	St: <u>NM</u>		
Current Status:	<u>SI Producer</u>			

Surface Csg.

Size: 13 3/8"
 Wt.: 48# H-40
 Set @: 576'
 Sxs cmt: 550
 Circ: yes
 TOC: surface
 Hole Size: 17 1/2"

Intermediate Csg.

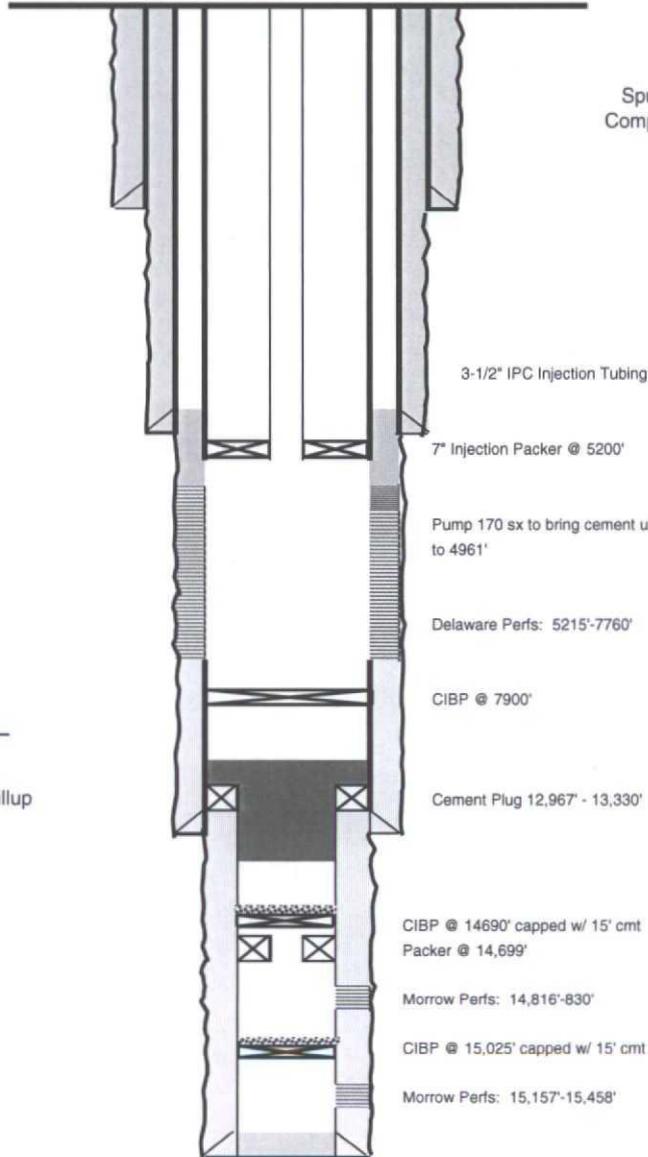
Size: 9 5/8"
 Wt.: 36# K-55, S-80
 Set @: 5061'
 Sxs Cmt: 3400
 Circ: yes; 500 sx
 TOC: surface
 Hole Size: 12 1/4"

Production Csg.

Size: 7"
 Wt.: 26# P-110
 Set @: 13,280'
 Sxs Cmt: 1,050
 TOC: 6,722' calc @ 60% fillup
 Hole Size: 8 1/2"

Production Liner

Size: 4-1/2"
 Wt.: 15#, P-110
 TOL: 13,017'
 BOL: 15,809'
 Sxs Cmt: 575



KB: _____
 DF: _____
 GL: 3465
 Spud Date: 12/14/1980
 Compl. Date: 4/14/1981

PBTB: 7900'

INJECTION WELL DATA SHEET

Tubing Size: 3-1/2" Lining Material: Tuboscope TK-99 (or equal)

Type of Packer: Arrowset Retrievable with On-off tool

Packer Setting Depth: 5,200'

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? _____ Yes X No

If no, for what purpose was the well originally drilled? Well was drilled as a Morrow Producer

2. Name of the Injection Formation: Delaware

3. Name of Field or Pool (if applicable): SWD; Delaware

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Morrow 15,157-15,458: plugged with
CIBP @ 15,025' w/ 15' cmt on top / Morrow 14,716-830: plugged with CIBP @ 14,690' w/ 15' cmt on top

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

Bone Spring 9,250'

Wolfcamp 12,123'

Morrow 14,597'

Chevron Midcontinent, L.P.

Application for Authorization to Inject

Bell Lake 2 State No. 1

VI. Tabulated well data for wells in area of review is attached. The schematic of the Federal Muse No. 1 (P&A) is attached.

VII. Proposed Operation

1. Average Daily Rate = 5,200 BWPD. Maximum Daily Rate = 10,000 BWPD.
2. The system will be closed.
3. Average injection pressure = 300 psig. Maximum injection pressure = 2,600 psig.
4. Water would be from Chevron's Red Hills 2 State No. 1H, Red Hills 2 State No. 3H and Red Hills 11 Federal No. 1H. All three wells are producing from the Upper Avalon Shale. The water analyses from Red Hills 2 State No. 3H and Red Hills 11 Federal No. 1H are attached.
5. Nearby Delaware Sands formation water analysis is not available.

VIII. Geologic Data on Injection Zone

Injection Zone: Delaware Sandstone. Perfs: 5215'-7760'

Lithological Detail: Fine grained sandstone

Geological Name: Delaware Mountain Group (Guadalupian)

Thickness: Delaware – 4046'

Depth: Top of Delaware at 5195'

Underground Sources of Drinking Water:

Fresh water sources in the immediate area have been encountered in aquifers above 250'. These aquifers are found in Pliocene age Ogallala and Pleistocene age alluvial sediments and consist of for the most part of alternating calcareous silt, fine sand and clay. There are no other sources of fresh water underlying the injection interval.

IX. Proposed Stimulation

If necessary the perforations will be acidized with 15% NEFL HCl.

X. Logging and Testing on well

Logs have been previously submitted for this well.

Chevron Midcontinent, L.P.

Application for Authorization to Inject

Bell Lake 2 State No. 1

XI. Chemical Analysis of Water from Fresh Water Wells within one mile of the subject well

The following sections were queried on the New Mexico Office of the State Engineer Website: 34, 35, 36 of T24S/R33E and 1, 2, 3, 10, 11, 12 of T25S/R33E. There are 6 points of diversion in Section 35 with POD4, POD5 and POD6 within one mile of the proposed disposal well. It is not known if any of these wells are active or not.

XII. Available geologic and engineering data has been examined and no evidence has been found of open faults or any other hydrologic connection between the injection zone and the any underground source of drinking water.

XIII: See attached proofs of notice

Surface owner:

State of New Mexico Land Office

310 Old Santa Fe Trail

Santa Fe, NM 87504

Operators within ½ mile radius of the proposed injector:

EOG Resources, Inc.

P. O. Box 2267

Midland, TX 79702

Chevron Midcontinent, L.P.

15 Smith Rd.

Midland, TX 79705

TRISTE DRAW 35 FEDERAL 2
EOG RESOURCES INCORPORATED

T24S
R33E

35

36

DIAMOND "SM-36" STATE 2
EOG RESOURCES INCORPORATED

DRAGON 36 STATE 4H

RED HILLS 2-25-33-001H
CHEVRON MIDCONTINENT LIMITED PARTNERSHIP

FEDERAL-MUSE 1

HALLWOOD 1
EOG RESOURCES INCORPORATED

BELL LAKE 2 STATE #1
CHEVRON MIDCONTINENT LIMITED PARTNERSHIP

LOT 3 & S/2NW/4 SEC 1-25S-33E

RED HILLS NORTH UNIT 107
EOG RESOURCES INCORPORATED

LEA

STATE OF NEW MEXICO L-5114 LSE

2

1

793418-000
TRISTE DRAW 2 STATE 1
EOG RESOURCES INCORPORATED

T25S
R33E

NE/4 & S/2 SEC 1-25S-33E

RED HILLS NORTH UNIT 104
EOG RESOURCES INCORPORATED

RED HILLS 2-25-33 1H

RED HILLS NORTH UNIT 604
EOG RESOURCES INCORPORATED

 **Chevron North America**
Exploration and Production Company
A Division of Chevron U.S.A. Inc.
West Texas & SE New Mexico

FEDERAL #1
LIMITED PARTNERSHIP

RED HILLS NORTH UNIT 210
EOG RESOURCES INCORPORATED

West Texas & SE New Mexico
Bell Lake 2 State #1 (1/2 Mile Review)
Lea County, NM

12

ALL SECTION 12-25S-33E

RED HILLS NORTH UNIT 209
EOG RESOURCES INCORPORATED

File: <File Reference>

Scale: 1:14,430

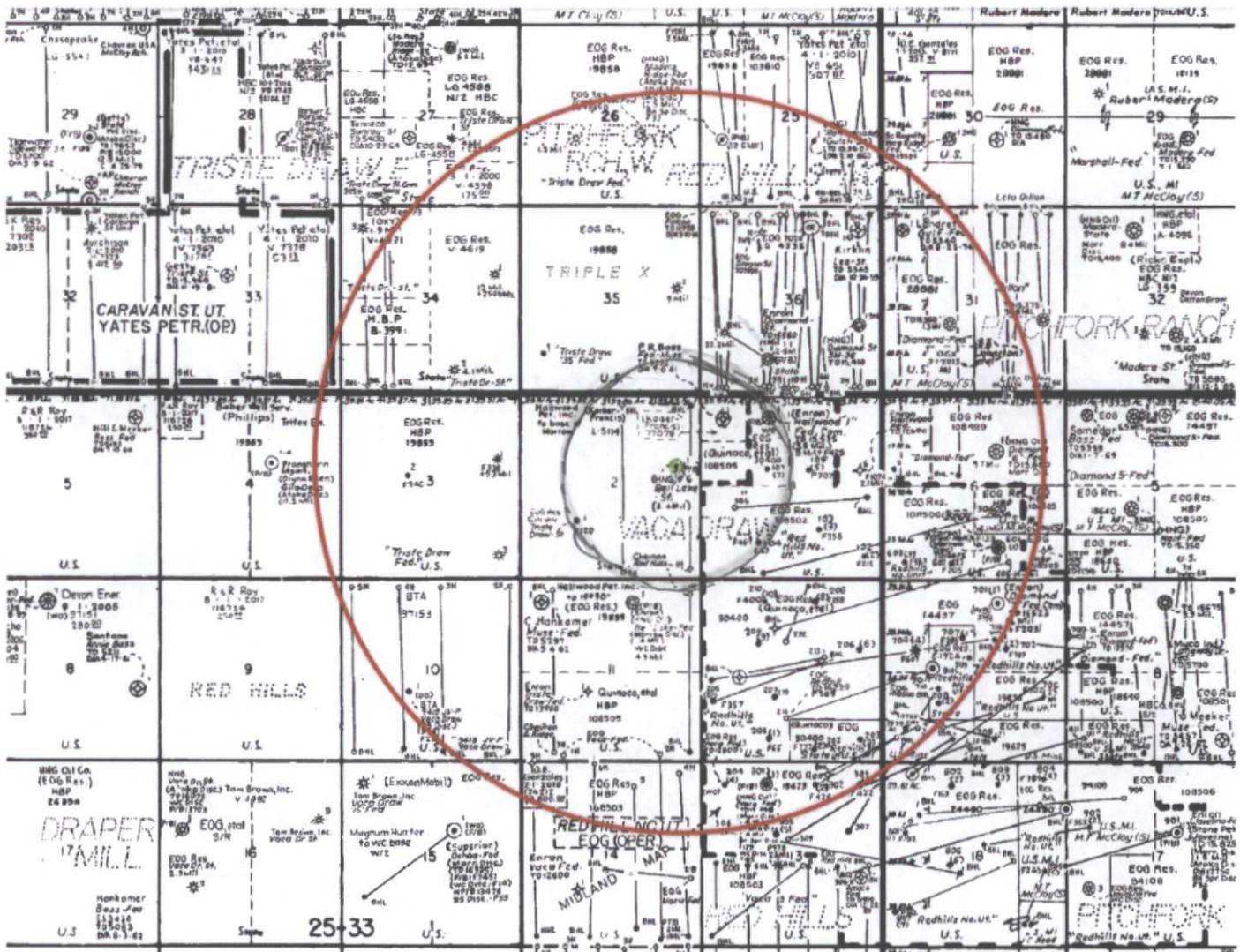
Created by SMITH, JIMMY L on 3/10/2015 9:34:17 AM

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RED HILLS NORTH UNIT 213
EOG RESOURCES INCORPORATED



Miles



CHEVRON MIDCONTINENT, LP

BULL LAKE 2 STATE NO. 1 SWD APPLICATION

V. MAP W/ 2 MILE RADIUS AND 1/2 MILE RADIUS
AROUND SUBJECT WELL

Chevron Midcontinent, LP

1/2 Mile Radius Area of Review

Application for Authorization to Inject Bell Lake 2 State No. 1

Operator	Lease/Well	API No.	Status	Location	Spud Date	TMD	Surface Casing			Production Casing			Producing Perfs
							Size	Depth	Cement	Size	Depth	Cement	
Chevron Midcontinent, L.P.	Red Hills 2-25-33 No. 1H	3002541546	Producing	P-2-25S-33E	4/19/2014	13,941	13-3/8"	1197	1399	5-1/2"	13,941	1550	9540-13692
Chevron Midcontinent, L.P.	Red Hills 2-25-33 No. 3H	3002541907	Producing	O-2-25S-33E	7/18/2014	14,105	13-3/8"	1259	1070	5-1/2"	14,083	1940	9825-13771
EOG Resources, Inc.	Red Hills North Unit No. 106	3002536310	SWD Inj	L-1-25S-33E	8/25/2003	16,925	13-3/8"	665	575	4-1/2"	16,902	625	12695-16730
EOG Resources, Inc.	Red Hills North Unit No. 107	3002533214	Producing	F-1-25S-33E	1/21/1996	12,550	11-3/4"	659	250	5-1/2"	12,497	1540	12278-12301
EOG Resources, Inc.	Hallwood 1 Fed Com No. 1	3002531649	Producing	C-1-25S-33E	8/9/1992	15,535	16"	657	625	5-1/2"	14,704	200	13660-13680
Perry Bass	Federal-Muse No. 1	3002508379	D&A	D-1-25S-33E	1961	5328	7-5/8"	397	350	None			

Federal Muse No. 1 Wellbore Diagram

Created: 03/20/15 By: PTB
 Updated: _____ By: _____
 Updated: _____ By: _____
 Lease: Federal Muse
 Field: _____
 Surf. Loc.: 660' FNL & 660' FWL
 Bot. Loc.: _____
 County: Lea St.: NM
 Status: P&A

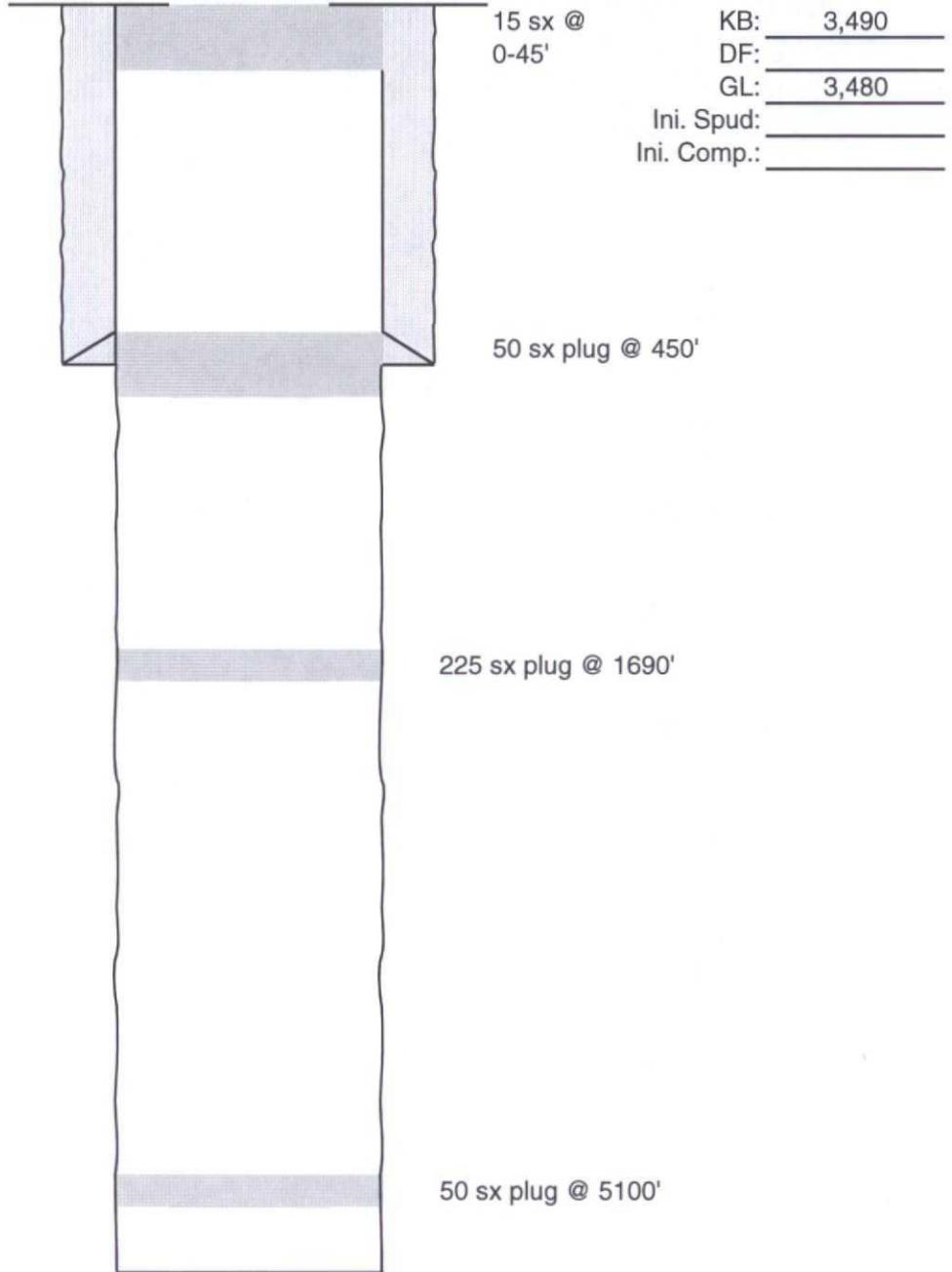
Well #: 1 St. Lse: -
 API: 30-015-08379
 Unit Ltr.: D Section: 1
 TSHP/Rng: 25S / 33E
 Unit Ltr.: _____ Section: _____
 TSHP/Rng: _____
 COST CTR: _____
 CHEVNO: _____

Surface Casing

Size: 7-5/8"
 Wt., Grd.: _____
 Depth: 397
 Sxs Cmt: 350
 Circulate: _____
 TOC: Surface
 Hole Size: 12-1/4"

Production Casing

Size: _____
 Wt., Grd.: _____
 Depth: 5,332
 Sxs Cmt: _____
 Circulate: _____
 TOC: _____
 Hole Size: 6-3/4"





Permian Basin Area Laboratory
2101 S Market St. / Building B
Midland, TX. 79703

300208-0000

Report Date: 2/19/2015

Complete Water Analysis Report SSP v.8

Customer:	CHEVRON	Sample Point Name:	RED HILLS 3H
District:	New Mexico	Sample ID:	201501001572
Sales Rep:	Donal M Ruth	Sample Date:	1/15/2015
Lease:	RED HILLS	Log Out Date:	1/21/2015
Site Type:	Well Sites	Analyst:	Samuel Newman
Sample Point Description:	NOT PROVIDED		

CHEVRON, RED HILLS, RED HILLS 3H

2-3

Field Data		Analysis of Sample	
Initial Temperature (°F):	250	Chloride (Cl ⁻):	76271.1 2151.5
Final Temperature (°F):	54	Sulfate (SO ₄ ²⁻):	5141.1 107.0
Initial Pressure (psi):	100	Borate (H ₃ BO ₃):	311.2 5.0
Final Pressure (psi):	15	Fluoride (F ⁻):	ND
pH:	7.0	Bromide (Br ⁻):	ND
pH at time of sampling:	7.0	Nitrite (NO ₂ ⁻):	ND
		Nitrate (NO ₃ ⁻):	ND
		Phosphate (PO ₄ ³⁻):	ND
		Silica (SiO ₂):	ND
Alkalinity by Titration (mg/L):	4758.0 78.0	Formic Acid:	ND
Bicarbonate (HCO ₃ ⁻):	4758.0 78.0	Acetic Acid:	ND
Carbonate (CO ₃ ²⁻):	ND	Propionic Acid:	ND
Hydroxide (OH ⁻):	ND	Butyric Acid:	ND
aqueous CO ₂ (ppm):	810.0	Valeric Acid:	ND
aqueous H ₂ S (ppm):	17.1		
aqueous O ₂ (ppb):	ND		
Calculated TDS (mg/L):	138878		
Density/Specific Gravity (g/cm ³):	1.0871		
Measured Density/Specific Gravity:	1.0995		
Conductivity (mmhos):	ND		
Resistivity:	ND		
MCF/D:	No Data		
BOPD:	No Data		
BWPD:	No Data		
		Anion/Cation Ratio:	1.03
			ND = Not Determined

Conditions		Barite (BaSO ₄)		Calcite (CaCO ₃)		Gypsum (CaSO ₄ ·2H ₂ O)		Anhydrite (CaSO ₄)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
54°F	15 psi	0.000	0.000	0.96	170.649	-0.91	0.000	-1.19	0.000
76°F	24 psi	0.000	0.000	1.10	179.383	-0.88	0.000	-1.07	0.000
98°F	34 psi	0.000	0.000	1.23	186.179	-0.87	0.000	-0.97	0.000
119°F	43 psi	0.000	0.000	1.36	191.176	-0.86	0.000	-0.87	0.000
141°F	53 psi	0.000	0.000	1.48	194.818	-0.86	0.000	-0.76	0.000
163°F	62 psi	0.000	0.000	1.59	197.490	-0.86	0.000	-0.65	0.000
185°F	72 psi	0.000	0.000	1.70	199.519	-0.86	0.000	-0.54	0.000
206°F	81 psi	0.000	0.000	1.82	201.122	-0.86	0.000	-0.42	0.000
228°F	91 psi	0.000	0.000	1.92	202.320	-0.86	0.000	-0.30	0.000
250°F	100 psi	0.000	0.000	2.03	203.229	-0.86	0.000	-0.18	0.000

Conditions		Celestite (SrSO ₄)		Halite (NaCl)		Iron Sulfide (FeS)		Iron Carbonate (FeCO ₃)	
Temp	Press.	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)	Index	Amt (ptb)
54°F	15 psi	-0.35	0.000	-1.18	0.000	0	0.000	0	0.000
76°F	24 psi	-0.34	0.000	-1.20	0.000	0	0.000	0	0.000
98°F	34 psi	-0.33	0.000	-1.21	0.000	0	0.000	0	0.000
119°F	43 psi	-0.33	0.000	-1.22	0.000	0	0.000	0	0.000
141°F	53 psi	-0.32	0.000	-1.22	0.000	0	0.000	0	0.000
163°F	62 psi	-0.32	0.000	-1.23	0.000	0	0.000	0	0.000
185°F	72 psi	-0.30	0.000	-1.23	0.000	0	0.000	0	0.000
206°F	81 psi	-0.29	0.000	-1.23	0.000	0	0.000	0	0.000
228°F	91 psi	-0.26	0.000	-1.23	0.000	0	0.000	0	0.000
250°F	100 psi	-0.24	0.000	-1.23	0.000	0	0.000	0	0.000

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered
 Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the eight (8) scales
 Note 3: Saturation Index predictions on this sheet use pH and alkalinity. %CO₂ is not included in the calculations



ScaleSoft Pitzer™
SSP2010

Comments:

VII. 4. PROPOSED INJECTION FLUID (CHEVRON/RED HILLS 2 STATE No. 3H)
30-025-41907

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

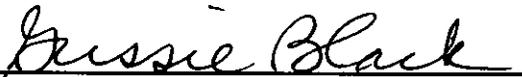
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
March 20, 2015
and ending with the issue dated
March 20, 2015.



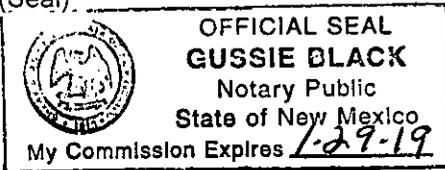
Publisher

Sworn and subscribed to before me this
20th day of March 2015.



Business Manager

My commission expires
January 29, 2019
(Seal)



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

LEGALS

LEGAL NOTICE
March 20, 2015

Notice is hereby given of the application of Chevron Midcontinent, L.P., 15 Smith road, Midland, Texas 79705, to the New Mexico Oil conservation Division and the Commissioner of Public Lands, State of New Mexico for approval of Bell Lake 2 State #1 to a Salt Water Disposal. The Chevron Bell Lake 2 State #1 is located 1980' FNL & 660' FEL, Unit Letter H, Section 2, Township 25 South, Range 33 East, Lea County, New Mexico. The injection water is in the Delaware formation from 5215' to 7760 through perforations. The maximum injection rate will be 10,000 BHPD, with a maximum allowable amount of 2,600 psi. All interested parties should file objections or requests for hearing with the State of New Mexico Oil Conservation Division, 1220 South St. Francis Dr, Santa Fe, New Mexico 87505 within 15 days. Inquiries regarding this application should be directed to Chevron Midcontinent LP Attn: Paul T. Brown at 15 Smith Road, Midland, Texas 79705.
#29871

01102480

00153686

CHEVRON USA INC.
15 SMITH ROAD
MIDLAND, TX 79705



Paul T. Brown
Petroleum Engineer

**Chevron North America Exploration
and Production Company**
15 Smith Road
Midland, TX 79705
Tel 432-687-7351
PaulBrown@chevron.com

March 24, 2015

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

EOG Resources, Inc.
P. O. Box 2267
Midland, TX 79702

RE: Application of Chevron Midcontinent, L.P. for administrative approval of Bell Lake 2
State No. 1 – Lea County, NM.
Application for a Salt Water Disposal Injection Well

Ladies and Gentlemen:

Enclosed please find a copy of the application of Chevron Midcontinent, L.P. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of a Water Disposal Injection Well: Bell Lake 2 State No. 1 located 1980' FNL & 660' FEL of Section 2, Township 25S, Range 33E, NMPM, Lea County, New Mexico. Chevron proposes to re-inject produced water from the Bone Spring formation into the Delaware Sand formation at a measured depth of 5215 feet to 7760 feet. The injection will occur with a maximum injection pressure of 2,600 psi and a maximum rate of 10,000 barrels of water per day as fully described in the application.

This application is provided to you as an offset operator with well located within ½ mile of the where the subject well is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Francis Drive, Santa Fe, New Mexico 87505 within 15 days of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

Chevron Midcontinent, L. P.

A handwritten signature in black ink, appearing to read "Paul T. Brown".

Paul T. Brown
Petroleum Engineer

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Robert Foree</i>
1. Article Addressed to:	B. Received by (Printed Name) C. Date of Delivery <i>R. FOREE</i> <i>3-27-15</i>
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>EOG Resources, Inc. P. O. Box 2267 Midland, TX 79702</p> </div>	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
2. Article Number (Transfer from service label)	3. Service Type: <input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;"> 7013 2630 0001 9931 7851 </div>	
PS Form 3811, July 2013 Domestic Return Receipt	



Paul T. Brown
Petroleum Engineer

**Chevron North America Exploration
and Production Company**
15 Smith Road
Midland, TX 79705
Tel 432-687-7351
PaulBrown@chevron.com

March 24, 2015

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

State of New Mexico
310 Old Santa Fe Trail
Santa Fe, NM 87504

RE: Application of Chevron Midcontinent, L.P. for administrative approval of Bell Lake 2
State No. 1 – Lea County, NM.
Application for a Salt Water Disposal Injection Well

Ladies and Gentlemen:

Enclosed please find a copy of the application of Chevron Midcontinent, L.P. (Oil Conservation Division Form C-108) in the above-referenced matter for approval of a Water Disposal Injection Well: Bell Lake 2 State No. 1 located 1980' FNL & 660' FEL of Section 2, Township 25S, Range 33E, NMPM, Lea County, New Mexico. Chevron proposes to re-inject produced water from the Bone Spring formation into the Delaware Sand formation at a measured depth of 5215 feet to 7760 feet. The injection will occur with a maximum injection pressure of 2,600 psi and a maximum rate of 10,000 barrels of water per day as fully described in the application.

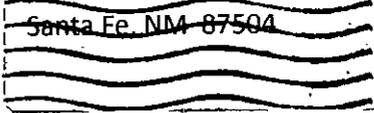
This application is provided to you as owner of the surface of the land upon where the subject well is located. If you object to this application your objection must be filed in writing with the Santa Fe Office of the Oil Conservation Division located at 1220 South Francis Drive, Santa Fe, New Mexico 87505 within 15 days of this letter. If there is no objection, the Division Director may approve this application.

Sincerely,

Chevron Midcontinent, L. P.

A handwritten signature in black ink that reads "Paul T. Brown". The signature is written in a cursive, flowing style.

Paul T. Brown
Petroleum Engineer

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> ■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>x Michael C Lucero</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (<i>Printed Name</i>) C. Date of Delivery</p>
<p>1. Article Addressed to:</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>State of New Mexico 310 Old Santa Fe Trail Santa Fe, NM 87504</p> 	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Priority Mail Express™ <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> Collect on Delivery</p> <p>4. Restricted Delivery? (<i>Extra Fee</i>) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p>7013123011993117844 11</p>
<p>PS Form 3811, July 2013 : Domestic Return Receipt</p>	



Paul T. Brown
Petroleum Engineer

**Chevron North America Exploration
and Production Company**
15 Smith Road
Midland, TX 79705
Tel 432-687-7351
PaulBrown@chevron.com

May 6, 2015

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

Attn: Mr. Phillip Goetze, P. G.

RE: Application of Chevron Midcontinent, L.P. for Administrative Approval of
Bell Lake 2 State No. 1 – Lea County, NM.
Application for a Salt Water Disposal Injection Well

REC'D
MAY 12 P 3:34

Dear Mr. Goetze,

Chevron Midcontinent, L.P. is seeking administrative approval for authorization to inject produced water into our Bell Lake 2 State No. 1. The subject well is currently completed in the Morrow formation, but will be plugged back to the Delaware Sands.

Attached is Form C-108 with all the necessary attachments. Should further information be required to approve this application, please advise.

Sincerely,

Chevron Midcontinent, L. P.

Paul T. Brown
Petroleum Engineer

Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Monday, April 20, 2015 1:28 PM
To: Brown, Paul T (PaulBrown)
Subject: RE: Objection to Chevron SWD application

Case 15364

Mr. Brown:

That is a business decision on your part. As I explained, the application can be submitted and the clock started, but the application will not be reviewed since the protest stalls the approval under the administrative process. If it is your intent to get the process started, then submittal would be favorable and could possibly provide the opportunity to see if any additional parties have concerns. PRG

Phillip R. Goetze, P.G.
Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
O: 505.476.3466 F: 505.476.3462
phillip.goetze@state.nm.us

From: Brown, Paul T (PaulBrown) [mailto:PaulBrown@chevron.com]
Sent: Monday, April 20, 2015 12:33 PM
To: Goetze, Phillip, EMNRD
Subject: RE: Objection to Chevron SWD application

I have made contact with EOG via email, but have not heard back yet.

Should I go ahead and submit the application to the OCD now and continue to talk with EOG or should I wait?

From: Goetze, Phillip, EMNRD [mailto:Phillip.Goetze@state.nm.us]
Sent: Tuesday, April 14, 2015 4:43 PM
To: Brown, Paul T (PaulBrown)
Cc: jamesbruc@aol.com; Jones, William V, EMNRD; McMillan, Michael, EMNRD; Dawson, Scott, EMNRD; Catanach, David, EMNRD
Subject: RE: Objection to Chevron SWD application

Mr. Brown:

Since EOG has protested, the application would not be approved through the administrative process and would have to go to hearing. Director Catanach has specified a period of no greater than 30 days for resolution for any application which OCD has formally received and was protested. If no resolution is completed within the period, OCD will proceed to place the application on the docket for hearing. Call/e-mail with any questions on the process or the impact on the application. PRG

Phillip R. Goetze, P.G.
Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
O: 505.476.3466 F: 505.476.3462
phillip.goetze@state.nm.us

From: Brown, Paul T (PaulBrown) [<mailto:PaulBrown@chevron.com>]

Sent: Tuesday, April 14, 2015 3:33 PM

To: Goetze, Phillip, EMNRD

Subject: FW: Objection to Chevron SWD application

I was not expecting this from EOG since they have similar SWD wells in the area. I have a few questions:

If I were to submit the application to you right now, would that necessitate a hearing?

How much time do I have to contact EOG and try to resolve their objection?

Thanks,

Paul T. Brown, Petroleum Engineer
Delaware Basin Operations



Chevron North America Exploration and Production Company

MidContinent Business Unit

15 Smith Road, Midland, TX 79705

Tel (432) 687-7351 Fax (432) 687-7871 Cell (432) 238-8755

<mailto:paulbrown@chevron.com>

from: jamesbruc@aol.com [<mailto:jamesbruc@aol.com>]

Sent: Friday, April 10, 2015 2:21 PM

To: phillip.goetze@state.nm.us

Cc: Brown, Paul T (PaulBrown); matthew_phillips@eogresources.com

Subject: Objection to Chevron SWD application

Attached.

Jim Bruce

Goetze, Phillip, EMNRD

From: Goetze, Phillip, EMNRD
Sent: Tuesday, April 14, 2015 3:43 PM
To: Brown, Paul T (PaulBrown)
Cc: jamesbruc@aol.com; Jones, William V, EMNRD; McMillan, Michael, EMNRD; Dawson, Scott, EMNRD; Catanach, David, EMNRD
Subject: RE: Objection to Chevron SWD application

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Phillip R. Goetze, P.G.

Engineering and Geological Services Bureau, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
O: 505.476.3466 F: 505.476.3462
phillip.goetze@state.nm.us

From: Brown, Paul T (PaulBrown) [mailto:PaulBrown@chevron.com]
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Subject: FW: Objection to Chevron SWD application

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How much time do I have to contact EOG and try to resolve their objection?

Thanks,

Paul T. Brown, Petroleum Engineer
Delaware Basin Operations



Chevron North America Exploration and Production Company
MidContinent Business Unit
15 Smith Road, Midland, TX 79705
Tel (432) 687-7351 Fax (432) 687-7871 Cell (432) 238-8755

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To: phillip.goetze@state.nm.us
Cc: Brown, Paul T (PaulBrown); matthew_phillips@eogresources.com
Subject: Objection to Chevron SWD application

Attached.

Jim Bruce

Goetze, Phillip, EMNRD

From: Brown, Paul T (PaulBrown) <PaulBrown@chevron.com>
Sent: Friday, July 10, 2015 7:27 AM
To: Goetze, Phillip, EMNRD
Subject: Chevron Midcontinent LP Bell Lake 2 State No. 1 SWD Application - Public Hearing Request

Mr. Goetze,

This is to advise that we still do not have an agreement in place between Chevron and EOG Resources which will cause EOG to withdraw their opposition to this application. Both sides are in agreement in principle on getting this accomplished, but obtaining approval from EOG has not occurred. We submitted our proposal to them on June 8th. Despite our numerous efforts of making contact by phone or email we have not received the approval or even a counter-proposal from EOG.

Chevron is currently trucking 1,500 BWPD from wells that benefit from this proposed disposal.

Chevron intends to pursue this application even if it requires a public hearing for approval.

Please schedule this application on the OCD hearing docket. We will continue to attempt to work with EOG to get this matter resolved up to the date of the hearing if necessary.

Thanks,

Paul T. Brown, Petroleum Engineer
Delaware Basin Operations



Chevron North America Exploration and Production Company
MidContinent Business Unit
15 Smith Road, Midland, TX 79705
Tel (432) 687-7351 Fax (432) 687-7871 Cell (432) 238-8755

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