2/08/2016 DATE IN	SUSPENSE	WVJJ ENGINEER	2/08/2016 LOGGED IN	SWD TYPE	PMAM1603950130 APP NO.

1618

ABOVE THIS LINE FOR DIVISION USE ONLY

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

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]

-SWD
-Devon Energy Productia Company, L.P.
6137

[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

well
-Rio Blanco 33 Federal #2
30-025-36360
Pool

SWD

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

[D] Other: Specify _____

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

-SWD; Devonian 96101

[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.

David H Cook		Regulatory Compliance Specialist	2/5/2016
Print or Type Name	Signature	Title	Date

david.cook@dvn.com
e-mail Address

devon

Devon Energy Corporation
333 West Sheridan Avenue
Oklahoma City, OK 73102-5010

405 552 7848 Phone
www.devonenergy.com

RECEIVED OCD

2016 FEB -8 P 1:52

February 5, 2016

SWD

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

RE: Form C-108, Application for Authorization to Inject
Rio Blanco 33 Fed #2; API 30-025-36360
Lea County, NM
Section 33, T22S, R34E

Gentlemen:

Please find attached Devon Energy Production Company, LP's Form C-108, Application for Authorization to Inject.

Devon's application proposes to utilize the Rio Blanco 33 Fed #2 as a salt water disposal well, injecting into the Devonian formation.

This project went to hearing on January 24, 2013 and received approval, on March 6, 2013, under Order No. R-13685. Injection operations did not commence until June 5, 2015 which was beyond the two year time frame given in the Order. Devon was contacted by Will Jones and asked to re-submit an updated C-108 in order to return to compliance of the Order.
Please note that the conversion to an injection well had prior approval and that work was completed and ready for injection on May, 9, 2015. See enclosed support documents.

If you have any questions, please contact Josh Bruening at (405)-552-7882 or myself at (405)-552-7848.

Sincerely,

David H. Cook
Regulatory Compliance Professional

DC/dc
Enclosure

HOBBSOCD

JUL 10 2015

RECEIVED

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. BHL: NMNM100864

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
X Other: Recompletion

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: Devon Energy Production Company, L.P.

8. Lease Name and Well No.: Rio Blanco 33 Fed SWD 2

3. Address: 333 West Sheridan Ave, Oklahoma City, OK 73102

3a. Phone No. (include area code): 405-228-4248

9. API Well No.: 30-025-36360

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 1980' FNL & 1980' FWL Unit F, Sec 33, T22S, R34E

10. Field and Pool or Exploratory: SWD; Devonian

11. Sec., T., R., M., on Block and Survey or Area: Sec 33, T22S, R34E

At top prod. interval reported below

At total depth ' & ' Unit , Sec , T, R

12. County or Parish: Lea

13. State: NM

14. Date Spudded	15. Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
5/2/04	7/26/04	☐ D & A ☑ Ready to Prod. 5/9/15	GL: 3406

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 14660 TVD 14528.47	MD n/a TVD	MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): 0

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" K-55	1# & 54.4	0	2428		1900 sx CIC		0	150 bbls
12-1/4"	9-5/8" P-110	40#	0	5148	DV @ 3123.7	1900 sx CIC		0	211 sx
8-3/4"	7" P-110	26#	0	11977		600 sx CIH		9000	
6-1/8"	5" T-95	23.2#	11646	14569.9		460 sx CIH		11446	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3-1/2"	14508.3							

25. Producing Intervals

	Formation	Top	Bottom
A)	Devonian	14570	14660
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
14570 - 14660		0	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
14570 - 14660	10,000 gals 15% HCl

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/9/15	1/0/00	24	→	0	0	0			Flow

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	psi	psi	→					

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

WVJONES (DISTRICT IV SUPERVISOR FOR OCD) SIGN OUT HELP

Wells Operators Operator Data OCD Review OCD Only Administration

OCD Permitting

Home Wells Well Details Well Edit

30-025-36360 RIO BLANCO 33 FEDERAL #002 [32682]

Well Information

Operator: [6137] DEVON ENERGY PRODUCTION COMPAN Change

Property: RIO BLANCO 33 FEDERAL Change

Status: New

Well No: 002

SWD

Legal Description and Coordinates

Surface Location:

OCD Unit: F

Lot: F

Section: 33

Township: 22S

Range: 34E

NS Footage: 1980 feet from the north boundary

EW Footage: 1980 feet from the west boundary

Latitude: 32.3499985 ...

Longitude: -103.4771576 ...

Datum: NAD 1983

Section : 33-22S-34E
Type: Normal Total Acres: 640
County: Lea (25)

D (D) R * State [1] Federal [2] (25) 40	C (C) State [1] Federal [2] (25) 40	B (B) State [1] Federal [2] (25) 40	A (A) State [1] Federal [2] (25) 40
E (E) R * State [1] Federal [2] (25) 40	F (F) State [1] Federal [2] (25) 40	G (G) State [1] Federal [2] (25) 40	H (H) State [1] Federal [2] (25) 40
L (L) R * State [1] Federal [2] (25) 40	K (K) State [1] Federal [2] (25) 40	J (J) State [1] Federal [2] (25) 40	I (I) State [1] Federal [2] (25) 40
M (M) R * Fee [1] State [2] (25) 40	N (N) R * Fee [1] State [2] (25) 40	O (O) R * Fee [1] State [2] (25) 40	P (P) R * Fee [1] State [2] (25) 40

Update Preview

Additional Information

Work Type: New

Well Type: Salt Water Disposal

GL Elevation: 3406

Direction: Vertical

Lease Type: Federal

Sing/Mult Completions: Single

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery ___Pressure Maintenance ___X___Disposal _____Storage
Application qualifies for administrative approval? __X_____Yes _____No

II. OPERATOR: ____Devon Energy Production Company, LP_____

ADDRESS: _____333 West Sheridan Avenue, Oklahoma City, Oklahoma 73102-5010_____

CONTACT PARTY: _____David Cook_____PHONE: 405-552-7848

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 __X_____No
If yes, give the Division order number authorizing the project: _____R-13685_____

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: _____David Cook_____ TITLE: ____Regulatory Compliance Professional
SIGNATURE: _____ DATE: 2/5/2016

E-MAIL ADDRESS: ____David.cook@dvn.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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

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.

Side 1

INJECTION WELL DATA SHEET

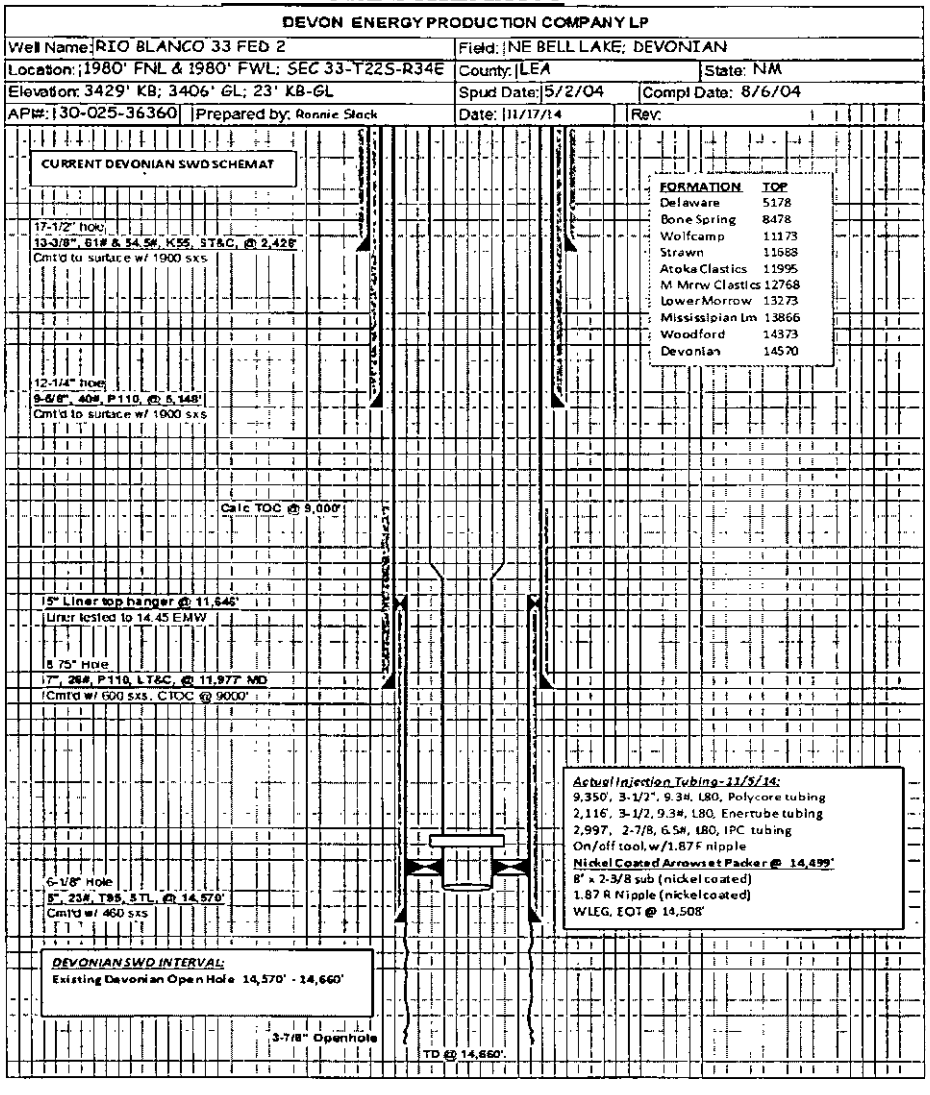
OPERATOR: Devon Energy Production Company, LP

WELL NAME & NUMBER: RIO BLANCO 33 FED #2

WELL LOCATION: 1980' FNL & 1980' FWL F Sec 33 T22S R34E

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17-1/2" Casing Size: 13-3/8",61#&54.5# @ 2428'

Cemented with: 1900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8",40#, @ 5148'

Cemented with: 1900 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ. cement

Production Casing

Hole Size: 8-3/4" Casing Size: 7",26#, @ 11977'

Cemented with: 600 sx. *or* _____ ft³

Top of Cement: 9000' Method Determined: CTOC

Total Depth: 14660' 5" Liner 11646'-14570'

Injection Interval (Open Hole)

14570' to 14660'

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 3-1/2"& 2-7/8" Lining Material: IPC

Type of Packer: 5" Nickel Coated Arrowset Packer

Packer Setting Depth: 14499'

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

Additional Data

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

   If no, for what purpose was the well originally drilled? Oil & gas producer

2. Name of the Injection Formation: Devonian

3. Name of Field or Pool (if applicable): Bell Lake; Devonian, NE (Gas)

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.

   Bell Lake Devonian 14570-14660. (Open hole). Proposed nickel coated arrow set packer @ 14499'

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

   Delaware 5178; Bone Spring 8478; Wolfcamp 11173; Strawn 11688; Atoka Clastics 11995; Middle Morrow Clastics 12768; Lower Morrow 13273; Mississipian Lime 13866; Woodford 14373; Devonian 14570

DEVON ENERGY PRODUCTION COMPANY LP			
Well Name: RIO BLANCO 33 FED 2	Field: NE BELL LAKE; DEVONIAN		
Location: 1980' FNL & 1980' FWL; SEC 33-T22S-R34E	County: LEA	State: NM	
Elevation: 3429' KB; 3406' GL; 23' KB-GL	Spud Date: 5/2/04	Compl Date: 8/6/04	
API#: 30-025-36360 Prepared by: Ronnie Slack	Date: 11/17/14	Rev:	

CURRENT DEVONIAN SWD SCHEMAT

17-1/2" hole
13-3/8", 61# & 54.5#, K55, ST&C, @ 2,428'
Cmt'd to surface w/ 1900 sxs

12-1/4" hole
9-5/8", 40#, P110, @ 5,148'
Cmt'd to surface w/ 1900 sxs

Calc TOC @ 9,000'

5" Liner top hanger @ 11,646'
Liner tested to 14.45 EMW

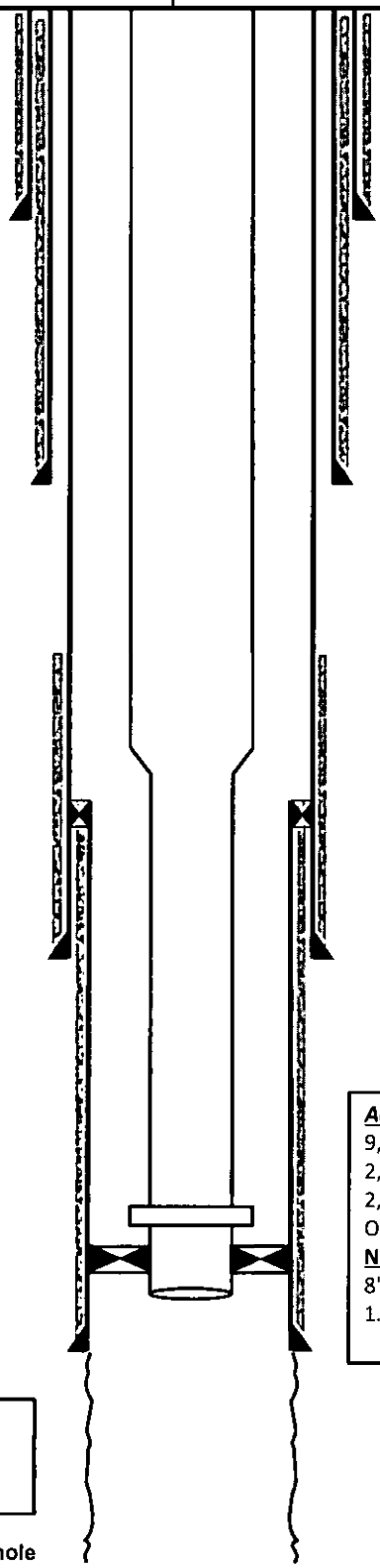
8.75" Hole
7", 26#, P110, LT&C, @ 11,977' MD
Cmt'd w/ 600 sxs. CTOC @ 9000'

6-1/8" Hole
5", 23#, T95, STL, @ 14,570'
Cmt'd w/ 460 sxs

DEVONIAN SWD INTERVAL:
Existing Devonian Open Hole 14,570' - 14,660'

3-7/8" Openhole

TD @ 14,660'



FORMATION	TOP
Delaware	5178
Bone Spring	8478
Wolfcamp	11173
Strawn	11688
Atoka Clastics	11995
M Mrrw Clastics	12768
Lower Morrow	13273
Mississipian Lm	13866
Woodford	14373

Actual Injection Tubing- 11/5/14:
9,350', 3-1/2", 9.3#, L80, Polycore tubing
2,116', 3-1/2, 9.3#, L80, Enertube tubing
2,997', 2-7/8, 6.5#, L80, IPC tubing
On/off tool, w/1.87 F nipple
Nickel Coated Arrowset Packer @ 14,499'
8' x 2-3/8 sub (nickel coated)
1.87 R Nipple (nickel coated)

Proposed Injection Well: Rio Blanco 33 Fed #2
API: 30-025-36360
APPLICATION FOR INJECTION
Form C-108 Section III

III. Well Data--On Injection Well

A. Injection Well Information

(1) Lease: Rio Blanco 33 Fed
Well No: #2
Location: 1980' FNL & 1980' FWL
Sec,Twn,Rnge: Sec 33-T22S-R34E
Cnty, State: Lea County, NM

(2) Casing: 13-3/8", 61 & 54.5#, K55, STC, @ 2,428'
Cmt'd w/1900 sx, circ cmt to surf

9-5/8", 40#, P110, LTC, @ 5,148'
Cmt'd w/1900, circ cmt to surf

7", 26#, P110, LTC @ 11,977'
Cmt'd w/600 sx. CTOC @ 9000'

5", 23#, T95, STL liner from 11646' to 14570'
Cmt'd w/460 sx

(3) Injection Tubing: 3-1/2"& 2-7/8" IPC injection tubing

(4) Packer: 5" Nickel Coated Arrowset Packer @ 14499'

B. Other Well Information

(1) **Injection Formation:** Devonian
Field Name: Bell Lake; Devonian, NE (Gas)

(2) **Injection Interval:** 14570' - 14660' (open hole)

(3) **Original Purpose of Wellbore:**

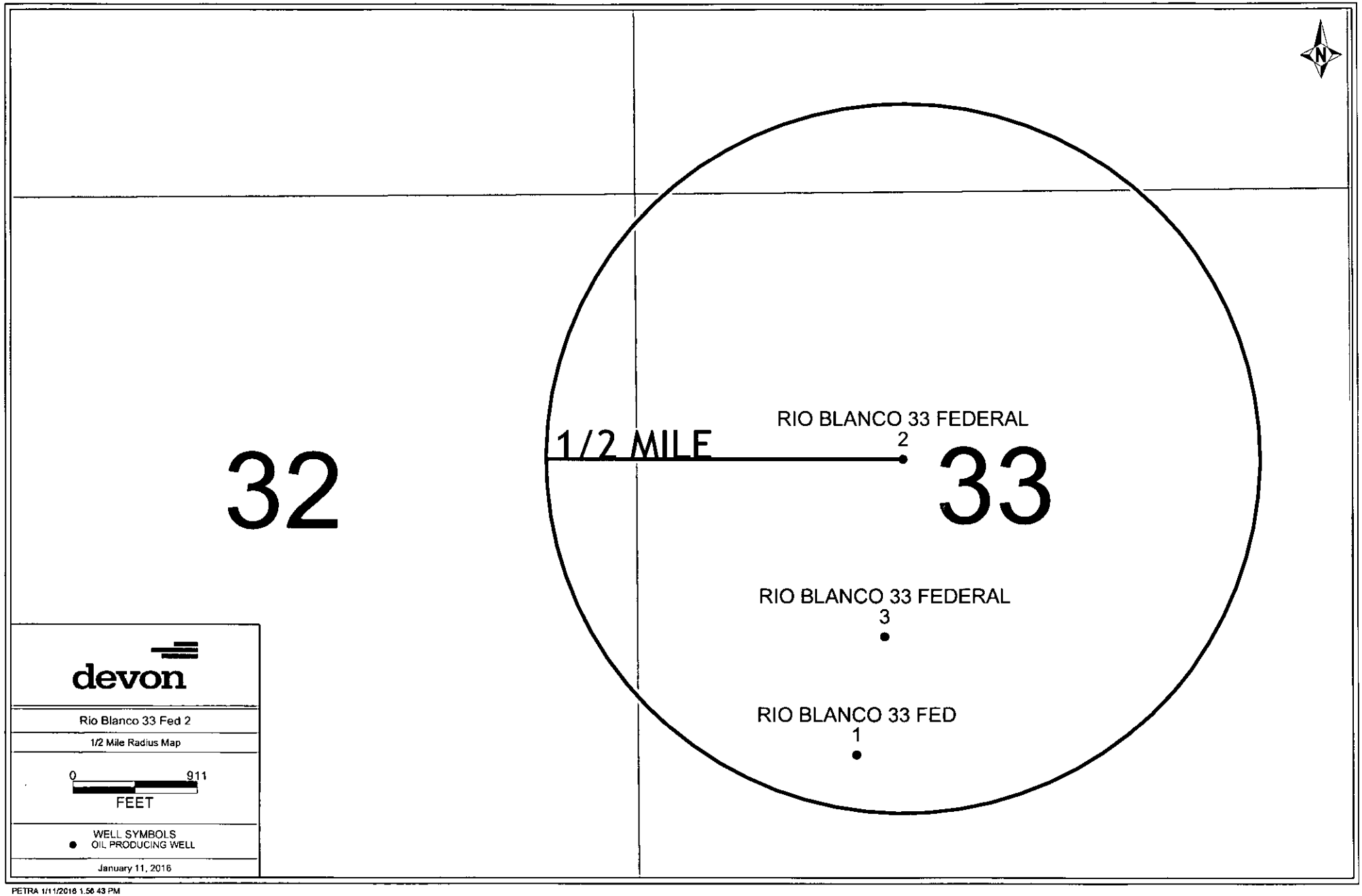
Devonian producer

(4) **Other perforated intervals:**

Bell Lake Devonian 14570-14660. (Open hole). Nickel coated arrow set packer @ 14,499'

(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.**

Delaware 5178; Bone Spring 8478; Wolfcamp 11173; Strawn 11688; Atoka Clastics 11995; Middle Morrow Clastics 12768; Lower Morrow 13273; Mississipian Lime 13866; Woodford 14373; Devonian 14570



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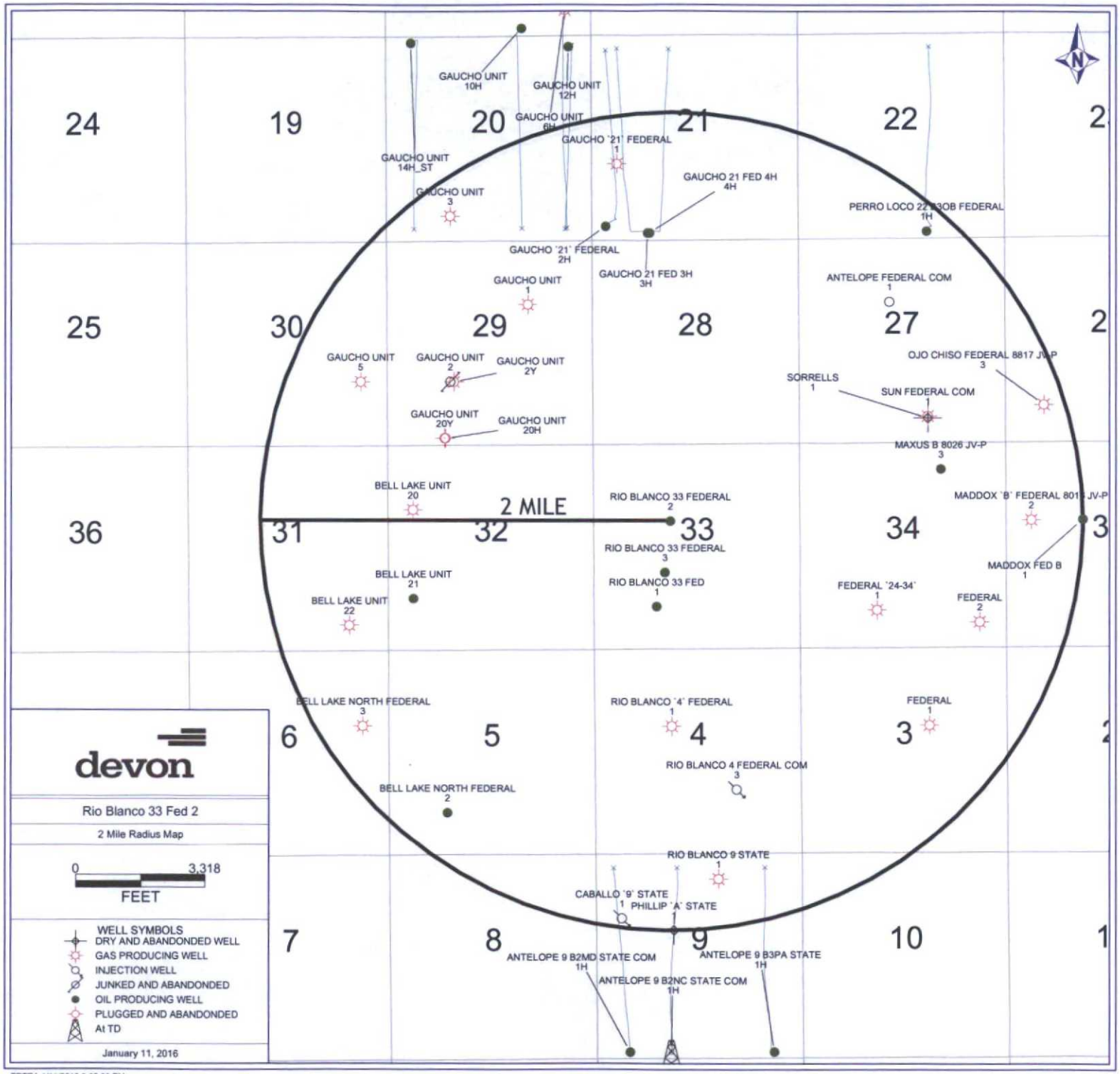

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Proposed Injection Well: Rio Blanco 33 Fed #2
API: 30-025-36360
APPLICATION FOR INJECTION
Form C-108 Section VII to XIII

VII Attach data on the proposed operation, including:

(1) Proposed average injection rate: 5000 BWPD
Proposed maximum injection rate: 10000 BWPD

(2) The system will be a closed system.

(3) Proposed average injection pressure: 2000 psi
Proposed max injection pressure: 2920 psi

(4) The injection fluid will be produced water from area wells producing from the Delaware and Bone Spring formations that will be injected into the Bell Lake Devonian formation.

(5) A representative water analysis is submitted for the Devonian formation.

VIII Gelologic Injection Zone Data

The injection zone is the Bell Lake Devonian formation from 14570' to 14660'. The gross injection interval is 90' thick. The Bell Lake Devonian formation is a Permian aged sandstone. The average depth to fresh water is 125' in this area.

IX Proposed Stimulation

Injection interval stimulated with 10,000 gallons of HCL.

X Log Data

Logs have previously been submitted to the OCD.

XI Fresh Water Analysis

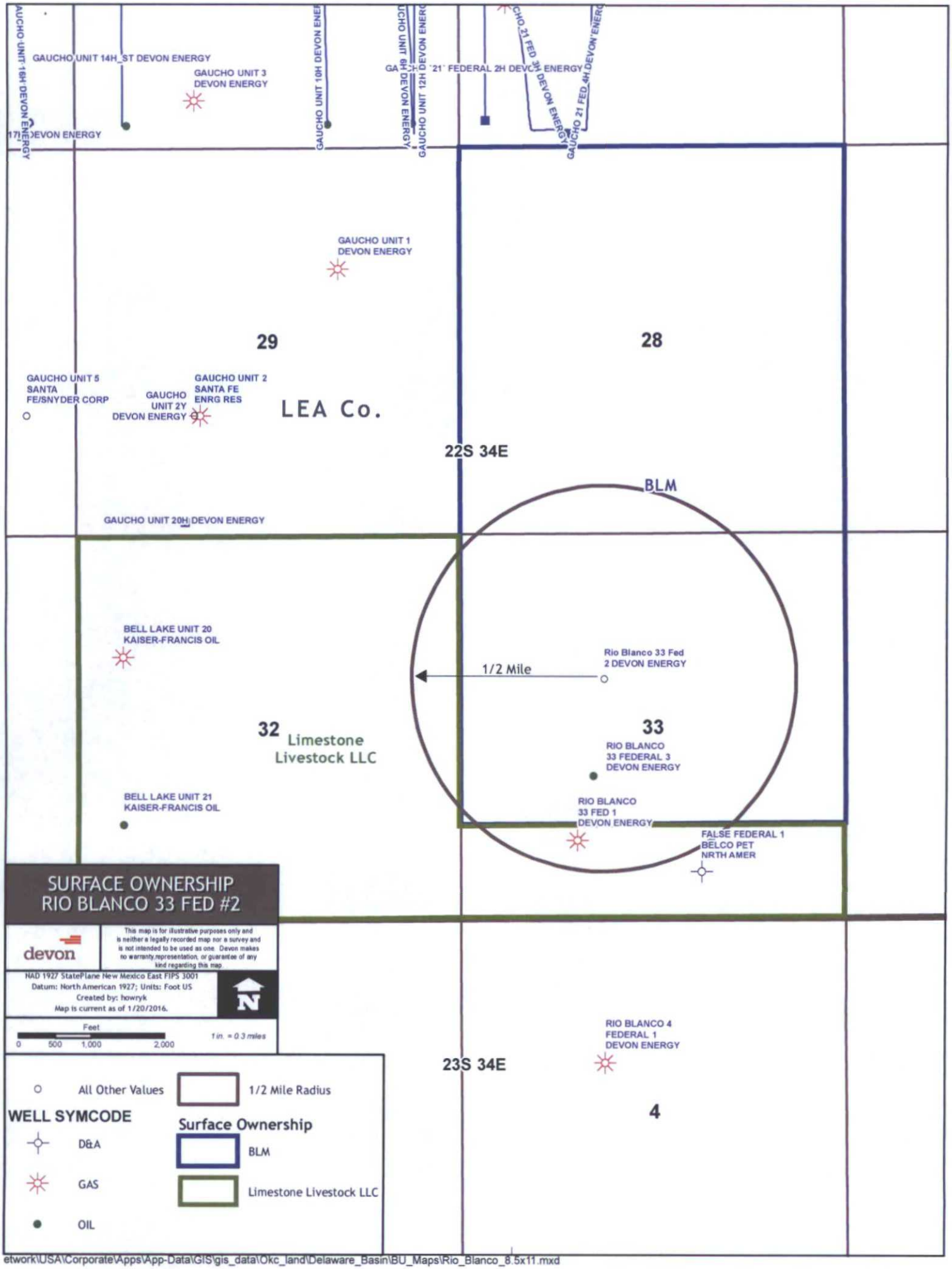
Attached is a fresh water analysis for a fresh water well drillled in Section 33-T22S-R34E on Bill Angel's property within 1 mile of the proposed SWD location.

XII Geologic / Engineering Statement

An examination of this area has determined there are no open faults or other hydrologic connection between the disposal zone and any underground drinking water.

XIII Proof of Notice

Proof of notice to surface owner, and public legal notification are attached.



etwork\USA\Corporate\Apps\App-Data\GIS\gis_data\Okc_land\Delaware_Basin\BU_Maps\Rio_Blanco_8.5x11.mxd

SURFACE OWNERSHIP

Township 22 South, Range 34 East
Section 28: All
Section 33: N/2 and N/2 S/2
Lea County, New Mexico

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220

Township 22 South, Range 34 East
Section 32: All
Section 33: S/2 S/2
Lea County, New Mexico

Limestone Livestock LLC
P. O. Box 189
Lovington, New Mexico 88260

Section XIV. -- Proof of Notice to Surface Owners
Devon Energy Production Company, L.P.
C-108 Application For Injection
Proposed Well: RIO BLANCO 33 FED 2

Proof of Notice to Surface Owners within 1/2 mile of Rio Blanco 33 Fed 2

Limestone Livestock LLC
P. O. Box 189
Lovington, New Mexico 88260

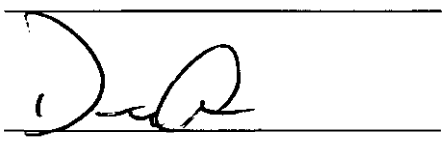
9214 8901 5271 8100 0901 82

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220

9214 8901 5271 8100 0901 75

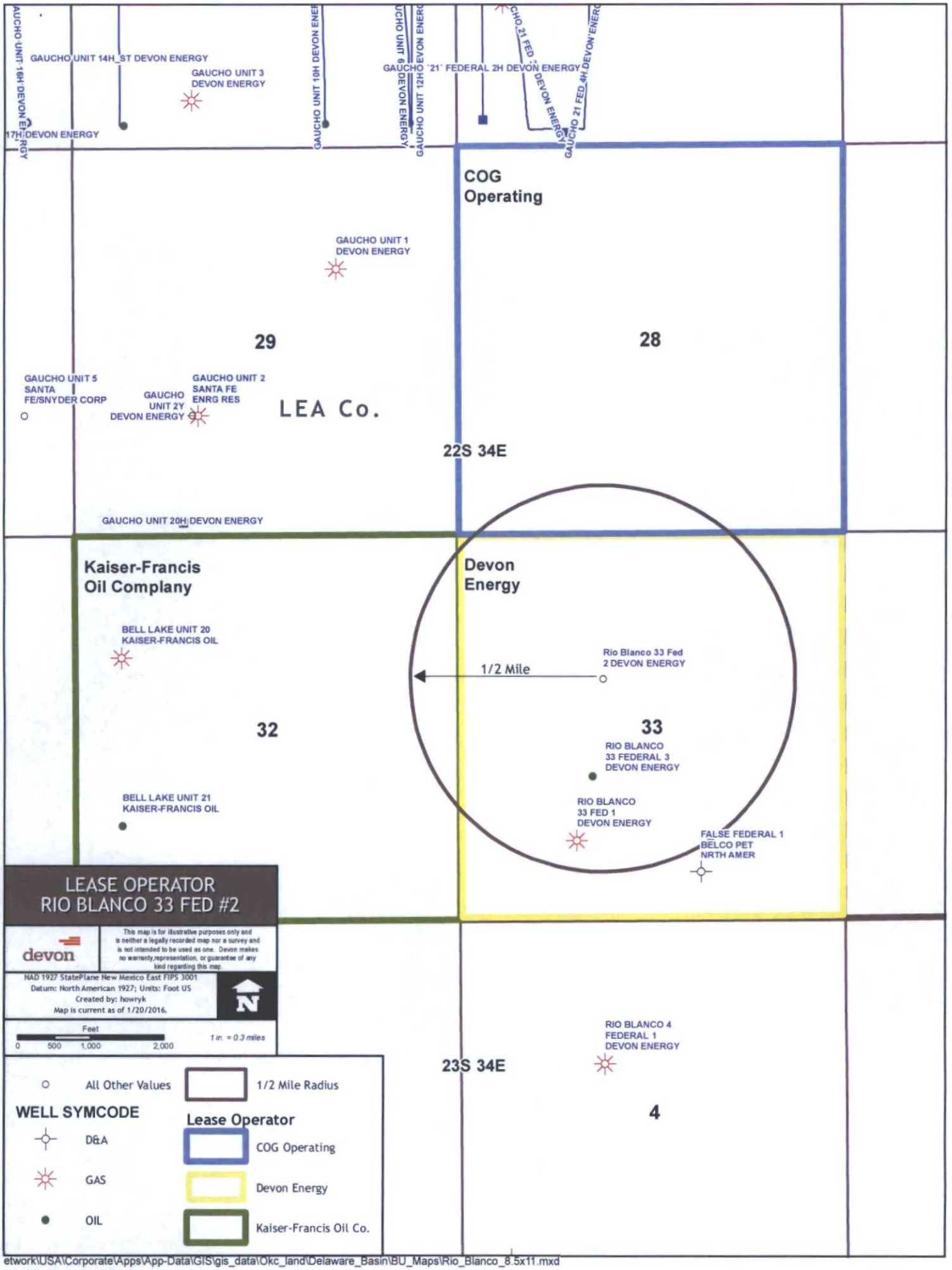
A copy of this application has been mailed to the above surface owners by certified mail, pertaining to Devon Energy Production Company, L.P.'s application for salt water disposal in the Rio Blanco 33 Fed 2.

Date Mailed: 2/5/2016

Signature: 

Date: 2/5/2016

David Cook, Regulatory Compliance Professional
Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102



etwork\USA\Corporate\Apps\App-Data\GIS\gis_data\Okc_land\Delaware_Basin\BU_Maps\Rio_Blanco_8.5x11.mxd

LEASEHOLD OPERATORS

Township 22 South, Range 34 East
Section 28: All
Lea County, New Mexico

COG Operating LLC
600 West Illinois Avenue
Midland, Texas 79701-4882

Township 22 South, Range 34 East
Section 32: All
Lea County, New Mexico

Kaiser-Francis Oil Company
P. O. Box 21468
Tulsa, Oklahoma 74121-1468

Township 22 South, Range 34 East
Section 33: All
Lea County, New Mexico

Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102

Section XIV. -- Proof of Notice to Leasehold Operators
Devon Energy Production Company, L.P.
C-108 Application For Injection
Proposed Well: RIO BLANCO 33 FED 2

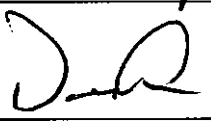
Proof of Notice to Leasehold Operators within 1/2 mile of Rio Blanco 33 Fed 2

COG Operating LLC 600 West Illinois Avenue Midland, Texas 79701-4882	9214 8901 5271 8100 0901 51
Kaiser-Francis Oil Company P. O. Box 21468 Tulsa, Oklahoma 74121-1468	9214 8901 5271 8100 0901 68
State Land Office* Oil, Gas & Minerals Division P. O. Box 1148 Santa Fe, New Mexico 87504	9214 8901 5271 8100 0901 44
Bureau of Land Management* Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220	9214 8901 5271 8100 0901 75

A copy of this application has been mailed to the above leasehold operators* by certified mail, pertaining to Devon Energy Production Company, L.P.'s application for salt water disposal in the Rio Blanco 33 Fed 2.

* Includes Minerals (BLM and State of New Mexico)

Date Mailed: 2/5/2016

Signature: 

Date: 2/5/2016

David Cook, Regulatory Compliance Professional
Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102

Certified Mail Tracking

State Land Office
Oil, Gas & Minerals Division
P.O. Box 1148
Santa Fe, New Mexico 87504 9214890152718100090144

COG Operating LLC
600 West Illinois Avenue
Midland, Texas 79701-4882 9214890152718100090151

Kaiser-Francis Oil Company
P.O. Box 21468
Tulsa, Oklahoma 74121-1468 9214890152718100090168

Bureau of Land Management
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220 9214890152718100090175

Limestone Livestock LLC
P.O. Box 189
Lovington, New Mexico 88260 9214890152718100090182

Oil Conversation Division
1625 N. French Drive
Hobbs, NM 88240 9214890152718100092599

C108 ITEM VI--Well Tabulation in 1/2 Mile Review Area																	
Devon Energy Production Company, LP																	
Proposed Inj Well:	Rio Blanco 33 Fed 2																
Proposed Formation:	Devonian Open Hole																
Proposed Interval:	14,570' - 14,660'																
Sec 33-T22S-R34E																	
Operator	Well Name	API NO	County	Surf Location	Sec	Twn	Rnge	Type	Status	Spud Date	Comp Date	TD	PBTD	Comp Zone	Comp Interval-Ft	Casing Program	Cement / TOC
Devon Energy Prod Co LP	Rio Blanco 33 Fed 1	30-025-36359	Lea	1000' FSL 1620' FWL	33	22S	34E	Oil	Act	9/20/2003	3/8/2004	14682	14682	Devonian	14486 - 14682 (open hole)	20", 106# @ 1764' 13-3/8, 68#, J55 @ 5135' 9-5/8, 53.5#, P110, @ 11980' 7-5/8, 38#, P110, 11678-14497'	3405 sx / surface 2700 sx / surface 1320 sx / 7500 etc 360 sx / liner top
Devon Energy Prod Co LP	Rio Blanco 33 Fed 2	30-025-36360	Lea	1980' FNL 1980' FWL	33	22S	34E	Oil	Act	5/2/2004	8/6/2004	14660	14660	Devonian	14570-14660 (open hole)	13-3/8", 61&54.5# @ 2428' 9-5/8", 40# @ 5148' 7", 26# @ 11977' 5", 23.2# liner 11646-14570'	1900 sx / surface 1900 sx / surface 600 sx / 9000 etc 460 sx / liner top
Devon Energy Prod Co LP	Rio Blanco 33 Fed 3	30-025-37860	Lea	1980' FSL 1830' FWL	33	22S	34E	Oil	Act	2/1/2007	4/25/2007	8600	8497	Devonian	6872-8453 (open hole)	13-3/8, 61#, J55 @ 2200' 8-5/8, 32#, HCK-55/J-55 @ 5155' 7-5/8, 15.5/17#, N-80 @ 8600'	1450 sx / surface 2015 sx / surface 620 sx / 4040 cbl

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
January 21, 2016
and ending with the issue dated
January 21, 2016.

Publisher

Sworn and subscribed to before me this
21st day of January 2016.

Business Manager

My commission expires
January 29, 2019
(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-19

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
January 21, 2016

Devon Energy Production Company, LP, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260 has filed form C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division, seeking administrative approval for an injection well. The proposed well, the Rio Blanco 33 Fed #2, is located 1980' FNL & 1980' FWL, Section 33, Township 22 South, Range 34 East, in Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Delaware and Bone Spring formations. The disposal water will be injected into the Devonian formation at a depth of 14570' to 14660', open hole, at a maximum surface pressure of 2920 psi and a maximum rate of 10000 BWPD. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within (15) days of this notice. Any interested party with questions or comments may contact Josh Bruening at Devon Energy Corporation, 333 West Sheridan Avenue, Oklahoma City, OK 73102-8260, or call (405) 552-7882.
#30621

67106744 00169317

ACCOUNTS PAYABLE
DEVON ENERGY
PO BOX 3198
OKLAHOMA CITY, OK 73102-3198

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	DEVON ENERGY CORPORATION	Sales RDT:	33521.1
Region:	PERMIAN BASIN	Account Manager:	GENE ROGERS (575) 910-1022
Area:	ARTESIA, NM	Sample #:	535126
Lease/Platform:	BILL ANGEL	Analysis ID #:	123841
Entity (or well #):	WATER WELL	Analysis Cost:	$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary

Sampling Date:	08/16/12
Analysis Date:	09/04/12
Analyst:	JENNIFER HARDELL
TDS (mg/l or g/m3):	529.6
Density (g/cm3, tonne/m3):	1.001
Anion/Cation Ratio:	1.0000022
Carbon Dioxide:	1 PPM
Oxygen:	
Comments:	

Analysis of Sample 535126 @ 75 ℉

Anions	mg/l	meq/l
Chloride:	**41.0**	**1.16**
Bicarbonate:	**207.4**	**3.4**
Carbonate:	**0.0**	**0.**
Sulfate:	**142.0**	**2.96**
Phosphate:		
Borate:		
Silicate:		

Hydrogen Sulfide:	0
pH at time of sampling:	8.7
pH at time of analysis:	
pH used in Calculation:	**8.7**

Cations	mg/l	meq/l
Sodium:	**17.0**	**0.74**
Magnesium:	**28.0**	**2.3**
Calcium:	**85.0**	**4.24**
Strontium:	**2.5**	**0.06**
Barium:	**0.1**	**0.**
Iron:	**0.1**	**0.**
Potassium:	6.5	0.17
Aluminum:		
Chromium:		
Copper:		
Lead:		
Manganese:	0.025	0.
Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4{*}2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
℉	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.34	14.71	-1.44	0.00	-1.51	0.00	-1.26	0.00	0.45	0.00	0.01
100	0	1.38	16.47	-1.44	0.00	-1.44	0.00	-1.24	0.00	0.31	0.00	0.01
120	0	1.44	18.92	-1.42	0.00	-1.35	0.00	-1.20	0.00	0.20	0.00	0.02
140	0	1.50	21.37	-1.40	0.00	-1.23	0.00	-1.16	0.00	0.12	0.00	0.02

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

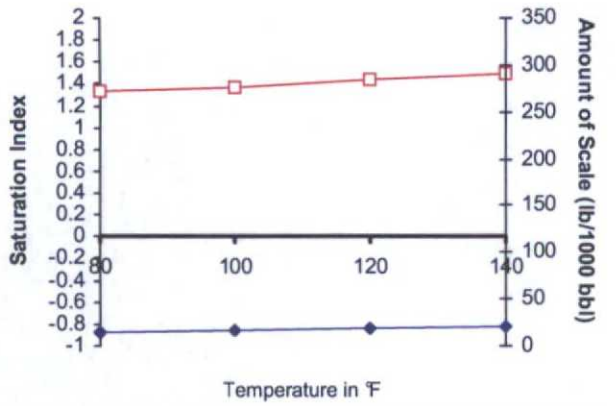
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

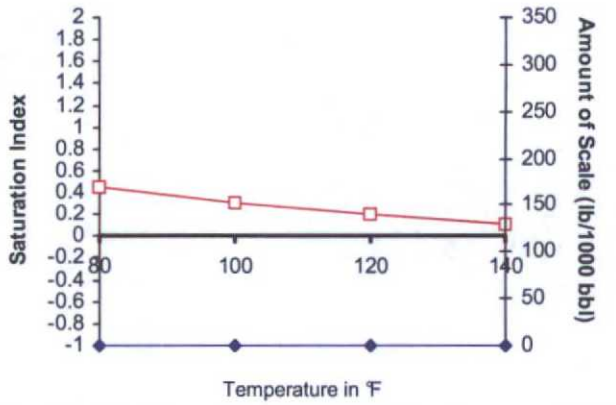
Scale Predictions from Baker Petrolite

Analysis of Sample 535126 @ 75 ℉ for DEVON ENERGY CORPORATION, 09/04/12

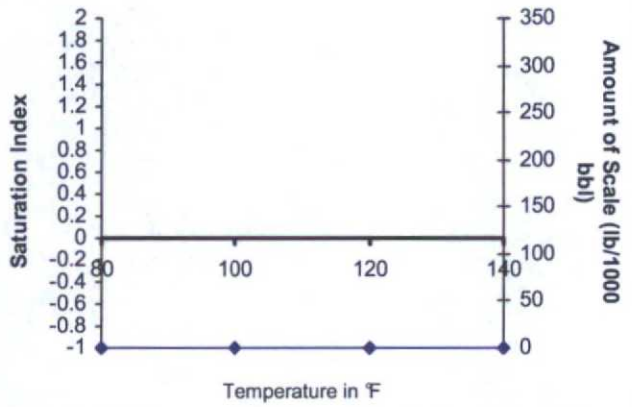
Calcite - CaCO3



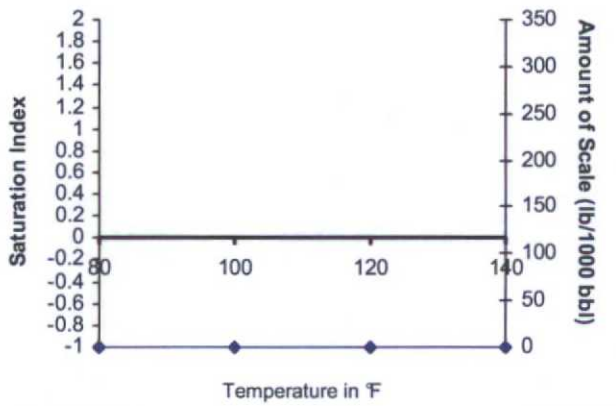
Barite - BaSO4



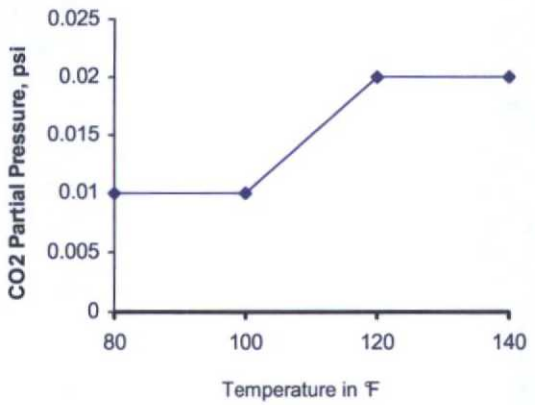
Gypsum - CaSO4*2H20



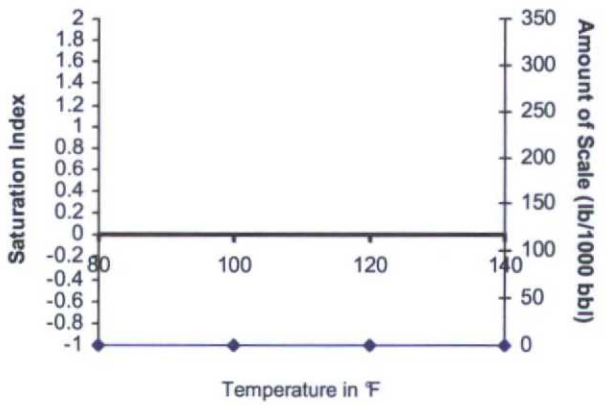
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



OCD-HOBBS

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side. HOBBSOCD

5. Lease Serial No.
NMNM100864

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111769

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

JAN 26 2015

8. Well Name and No.
RIO BLANCO 33 FED 2

2. Name of Operator
DEVON ENERGY PRODUCTION CO LP

Contact: DAVID H COOK
EMail: david.cook@dvn.com

RECEIVED

9. API Well No.
30-025-36360-00-S1

3a. Address
333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-552-7848

10. Field and Pool, or Exploratory
~~BELL LAKE~~
SWD; Devonian (96101)

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 33 T22S R34E SENW 1980FNL 1980FWL

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☒ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Co., LP respectfully requests approval to convert the Rio Blanco 33 Fed 2 to a saltwater disposal well as follows:

1. MIRU WSU. RU H2S Safety Trailer & equipment.
2. RU WL & RIH to tag fill. RU Temp Survey and log while POOH.
3. RU pump & pressure test annulus to 500 psi/30min.
4. ND WH; NU 10K BOPE & test.
5. RIH and unseat PKR @ 13900'; TOOH w/tbg & LD tbg and PKR.
6. TIH w/scraper to 14570' & TOOH with same.
7. PU 5" PKR & RIH and set @ 14530'; pressure test to 500 psi/30min.
8. RU acid crew & pump 2 stages of 3 bbl mutual solvent, displ. w/85 bbl KCl followed w/ 110 bbls 15%HCl. (Use rock salt & 725 gal of 10# gelled brine as diverter between stages.) Max injection

R-13685

SUBJECT TO LIKE APPROVAL BY STATE

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #279911 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 11/20/2014 (15LJ0373SE)

Name *(Printed/Typed)* DAVID H COOK — Title REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 11/17/2014

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date JAN 21 2015

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED** JAN 28 2015

29

MSB/OCD 1/27/2015

CONDITION OF APPROVAL: *Operator shall give the OCD District Office 24 hour notice before running the MIT test and chart.*

Additional data for EC transaction #279911 that would not fit on the form

32. Additional remarks, continued

pressure @ 7000 psi; flush w/100 bbl 2% KCL or brine. Let soak approx. 3 hrs.
9. Unseat PKR @ 14570', TOOH to surface. LD PKR and work string.
10. PU injection PKR & tbg, RIH. EOT @ 11400'. Reverse circ. approx. 400 bbls 2% KCL.
11. Space out & set 5" PKR @ 14520'. Run MIT on tbg x csg annulus; test to 500psi/30min.
12. ND BOPE & NU 5K tree & test.
13. RDMO WSU and release equipment.
14. Notify and set up with BLM & NMOCD for official MIT w/chart. Once approved will initiate disposal into Devonian; not to exceed max surface pressure of 2900 psig.

Please see attached detailed procedure, wellbore schematic, well lifecycle summary and approved salt water disposal order # R-13685.

DVN: Rio Blanco 33 Fed #2

API #30-025-36360

SL: 1,980' FNL & 1,980' FWL

Sec 33-T22S-R34E

Lea County, NM

Purpose: Convert Devonian producer to SWD (Version 1)

NOTE: WELL CONTAINS HIGH H2S LEVELS. SAFETY TRAILER, EQUIPMENT AND PERSONELL ARE REQUIRED.

Casing and Tubing Data:

Size	Wt. lb/ft	Grade	Interval	(75% S.F.) Collapse	(75% S.F.) Burst	Drift	Capacity (bbls/ft)
13-3/8"	61	K-55	0 – 2,428'	-	-	-	-
9-5/8"	40	P-110	0 – 5,148'	-	6,525	-	-
7"	26	P-110	0 - 11,977'	4657	7245	6.151"	0.0382
5"	23	T-95	11,646' – 14,570'	12322	9630	3.919"	0.0158
3-7/8" OPEN HOLE			14,570' – 14,660'				
2-7/8"	6.5	L-80	0 – ~13,898'	8,378	7,928	2.34"	.00579

Safety: **All personnel will wear hard hats, safety glasses with side shields, and steel toed boots while on location. Assess wellhead working height for safety. If needed, use work platform or man-lift for fall protection. H2S SAFETY PERSONELL AND MONITORING EQUIPMENT IS TO BE ON LOCATION AT ALL TIMES DURING WORKOVER OPERATIONS.**

Rio Blanco 33 Fed # 2

Procedure:

1. **Notify all regulatory agencies prior to initiation of work (if required) and Devon EHS personnel. Have H2S safety equipment and personnel on location during all well work.** Hold tailgate safety meetings prior to R.U., each morning and before each operational change or event.

2. Test and/or install and test anchors. MIRU WSU. Spot necessary enclosed tanks, gas buster with flare stack and temporary flow lines to equipment. Record pressures on tbg, and csg. **RU H2S safety trailer, equipment and personnel.**

3. RU WL, RIH with sinker bar and gauge rig to tag fill. RU temp survey tools, log well POOH, RD WL.

4. RU pump and pressure test annulus to 500 psi for 30 min.

5. RU gas buster and flow back equipment to blow down well.

6. ND WH, NU 10K BOPE, w/ 1 set of blind rams on bottom plus 1 set of 2-7/8" tbg rams on top. Test BOPE to Devon guidelines.

7. Unset Arrowset 1-X Packer @ 13,900'. TOH with tbg, LD tubing and packer.

8. TIH packer 3-7/8" bit, 10'x 2-7/8" tubing sub, 5" scarper on 2-7/8" work string to ~ 14,570' KBM and TOH with tbg and packer.

9. PU 5" packer and RIH on work string to 14,530'. Set packer and pressure test to 500 psi. for 30 min.

10. RU acid crew and pump 2 stages of 3 bbl mutual solvent, displace with 85 bbl KCl followed with 110 bbls of 15% HCl. Use rock salt and 725 gal of 10# gelled brine as diverter over between stages. Max injection pressure is 7,000 psi. Flush with 100 bbl 2% KCL or brine. Let soak 3 hrs minimum.

11. Unset packer at 14,570', TOH to surface. LD packer and work string.

12. PU injection packer and injection tubing and RIH according to schedule below:

# of joints	Type
1	2-3/8" WLEG
1	2-3/8" x 1.87 R Nipple nickel coated
1	2-3/8" pup jt, 6.5#, L-80, nickel coated, IPC
1	5" x 2-3/8" Arrowset Packer
1	2-3/8" x 1.87" F Nipple nickel coated
1	2-3/8" x 2-7/8" X-over
1	5" x 2-7/8" T2 On/Off Tool
3000 ft	2-7/8" 6.5# L-80 IPC tubing
1	2-7/8" x 4-1/2" X-over
11400 ft	3-1/2" 9.3# L-80 IPC 8RD EUE Tubing

13. Reverse circ ~ 400 bbls 2% KCL containing corrosion inhibitor (corrosion inhibitor ppm per Baker Petrolite recommendation). Use 10 ppg Nadine Brine if necessary.

14. Space out and set Weatherford 5" Arrowset Packer at ~ 14,520' KBM (NMOCD requires packer to be set within 100' of injection zone).

15. Run a preliminary MIT on the tbg x csg annulus. Run the test to 500 psi @ surface for 30 min with a chart recorder. Maximum allowable pressure loss is 10% (50 psi) in 30 min.

16. ND BOPE and NU 5K tree assembly with sour trim (will require change from 2-7/8" to 3-1/2" tbg at surface) and test.

17. RDMO WSU and release all rental equipment.

18. Notify and set up NMOCD and BLM for an official MIT with chart recorder. Once MIT is approved and NMOCD ok's injection, initiate Disposal into Devonian. **Do not exceed** a maximum surface pressure of **2,900 psig (per NMOCD Order)**.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: RIO BLANCO 33 FED 2	Field: NE BELL LAKE; DEVONIAN	
Location: 1980' FNL & 1980' FWL; SEC 33-T22S-R34E	County: LEA	State: NM
Elevation: 3429' KB; 3406' GL; 23' KB-GL	Spud Date: 5/2/04	Compl Date: 8/6/04
API#: 30-025-36360 Prepared by: Ronnie Slack	Date: 10/22/12	Rev:

PROPOSED DEVONIAN SWD

17-1/2" hole
13-3/8", 61# & 54.5#, K55, ST&C, @ 2,428'
Cmt'd to surface w/ 1900 sxs

12-1/4" hole
9-5/8", 40#, P110, @ 5,148'
Cmt'd to surface w/ 1900 sxs

Calc TOC @ 9,000'

5" Liner top hanger @ 11,646'
Liner tested to 14.45 EMW

8.75" Hole
7", 26#, P110, LT&C, @ 11,977' MD
Cmt'd w/ 600 sxs. CTOC @ 9000'

6-1/8" Hole
5", 23#, T95, STL, @ 14,570'
Cmt'd w/ 460 sxs

Proposed For SWD:
Existing Devonian Open Hole 14,570' - 14,660'

3-7/8" Openhole

TD @ 14,660'

FORMATION	TOP
Delaware	5178
Bone Spring	8478
Wolfcamp	11173
Strawn	11688
Atoka Clastics	11995
M Mrrw Clastics	12768
Lower Morrow	13273
Mississipian Lm	13866
Woodford	14373

Proposed:
~11,400', 3-1/2, 9.6#, L80, IPC tubing
~3,000', 2-3/8, 6.5#, L80, IPC tubing
T/2 On/off tool, w/1.87 F nipple
Nickel Coated Arrowset Packer @ ~14,520'
8' x 2-3/8 sub (nickel coated)
1.87 R Nipple (nickel coated)

Conditions of Approval

Devon Energy Production Company
Rio Blanco - 03, API 3002536360
T22S-R34E, Sec 33, 1890FNL & 1980FWL
January 21, 2015

1. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15. Exceptions to these restrictions may be granted by BLM's Johnny Chopp <jchopp@blm.gov> 575.234.2227 or Bob Ballard <bballard@blm.gov> 575.234.5973.
2. Subject to like approval by the New Mexico Oil Conservation Division.
3. Notify BLM 575-200-7902 Eddy Co. as work begins. Some procedures are to be witnessed. If there is no response, call 575-361-2822, leave a voice mail with the API#, workover purpose, and a call back phone number.
4. Before casing or a liner is added, replaced, or repaired prior BLM approval of the design is required. Use notice of intent Form 3160-5.
5. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 14450 or below to top of cement taken with 0psig casing pressure. The CBL may be attached to a pswartz@blm.gov email. The CFO BLM on call engineer may be reached at 575-706-2779.**
6. **Do not exceed the approved R-13685 injection pressure of 2914 with stimulation pump pressure to attain the 3 BMP rate of the submitted procedure.**
7. Surface disturbance beyond the existing pad shall have prior approval.
8. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
9. Functional H_2S monitoring equipment shall be on location.
10. 10000 (10M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Blind ram(s) and pipe ram(s) designed to close on all workstring diameters used is required equipment. A manual BOP closure system (hand wheels) shall be available for use regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
11. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

12. File intermediate **subsequent sundry** Form 3160-**5** within 30 days of any interrupted workover procedures and a complete workover subsequent sundry
13. Submit the BLM Form 3160-**4 Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
14. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.
15. Approval is granted for disposal of water produced from the lease, communization, or unit agreement of this well only. Disposal fluid from another operator, lease, communization, or unit agreement require BLM surface right-of-way agreement **approvals** and if applicable, authorization from the surface owner.
16. Disposal of water from another operator requires that the well be designated as a commercial well and BLM surface right-of-way agreement **approvals.**
17. If the well is to receive off-lease water or commercial disposal, the operator shall provide proof of surface right-of-way approval prior to injection.

Well with a Packer - Operations

1) Conduct a Mechanical Integrity Test of the tubing/casing annulus after a tubing, packer or casing seal is established.
2) The minimum test pressure should be 500 psig for 30 minutes or 300 psig for 60 minutes, with a minimum 200 psig differential between tubing and casing pressure (at test time) but no more than 70% of casing burst pressure as described by Onshore Order 2.III.B.1.h. (The tubing or reservoir pressure may need to be reduced). Verify all annular casing vents are plumbed to surface and those valves open to the surface during this pressure test. An alternate method for a BLM approved MIT is to have the fluid filled system open to atmospheric pressure and have a loss of less than five barrels in 30 days witnessed by a BLM authorized officer.
3) Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.
4) Make arrangements 24 hours before the test for BLM to witness. In Eddy County email Paul R. Swartz pswartz@blm.gov or phone 575-200-7902, if there is no response, 575-361-2822. In Lea County phone 575-393-3612. If no answer, leave a voice mail or email with the API#, workover purpose, and a call back phone number
5) Submit a subsequent Sundry Form 3160-5 relating the dated daily wellbore and MIT activities. Include a copy of the recorded MIT pressure chart. List the name of the BLM witness, or the notified person and date of notification. NMOCD is to retain the original recorded MIT chart.

6) Use of tubing internal protection, tubing on/off equipment just above the packer, a profile nipple, and an in line tubing check valve below the packer or between the on/off tool and packer is a "Best Management Practice". The setting depths and descriptions of each are to be included in the subsequent sundry.
7) **Submit the original subsequent sundry with three copies to BLM Carlsbad.**
8) Compliance with a NMOCD Administrative Order is required, submit documentation of that authorization.
   a) Approved injection pressure compliance is required.
   b) If injection pressure exceeds the approved pressure you are required to reduce that pressure and notify the BLM within 24 hours.
   c) When injection pressure is within 50 psig of the maximum pressure, install automation equipment that will prevent exceeding that maximum. Submit a subsequent report (Sundry Form 3160-5) describing the installed automation equipment within 30 days.
9) Unexplained significant variations of rate or pressure to be reported within 5 days of notice.
10) The casing/tubing annulus is required to be monitored for communication with injection fluid or loss of casing integrity. A BLM inspector may request verification of a full annular fluid level at any time.
11) A "Best Management Practice" is to maintain the annulus full of packer fluid at atmospheric pressure. Equipment that will display on site, continuous open to the air fluid level is necessary to achieve this goal.
12) Loss of packer fluid above five barrels per month indicates a developing problem. Notify BLM Carlsbad Field Office, Petroleum Engineering within 5 days.
13) A suggested format for monthly records documenting that the casing annulus is fluid filled is available from the BLM Carlsbad Field Office.
14) Gain of annular fluid pressure requires notification within 24 hours. Cease injection and maintain a production casing pressure of 0psia. Notify the BLM's authorized officer ("Paul R. Swartz" <pswartz@blm.gov>, cell phone 575-200-7902). If there is no response phone 575-361-2822.
15) Submit a (Sundry Form 3160-5) subsequent report (daily reports) describing all wellbore activity and Mechanical Integrity Test as per item 1) above. Include the date(s) of the well work, and the setting depths of installed equipment: internally corrosive protected tubing, tubing on/off equipment just above the packer, and an in line tubing check valve below the packer or between the on/off tool and packer. The setting depths and descriptions of each are to be included in the subsequent sundry.
16) A request for increased wellhead pressures is to be accompanied by a step rate test. PRIOR to a Step Rate Test BLM – CFO is requiring a Notice of Intent.
17) CFR 146.13(a)(1) & CFR 146.23(a)(1) - Class I wells are permitted stimulation injection pressure to exceed frac pressure while Class II (production water disposal) wells do not have that provision.

Access information for **use of Form 3160-5** "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.

OCD-HOBBS

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBSOCD
FEB 12 2015
RECEIVED

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM100864

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN OTH

8. Well Name and No.
RIO BLANCO 33 FED 2

2. Name of Operator
DEVON ENERGY PRODUCTION COMPAN

Contact: MEGAN MORAVEC
E-Mail: megan.moravec@dvn.com

9. API Well No.
30-025-36360

3a. Address
333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-552-3622

10. Field and Pool, or Exploratory
BELL LAKE; DEVONIAN, NE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 33 T22S R34E SENW 1980FNL 1980FWL

11. County or Parish, and State
LEA COUNTY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☒ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see the attached MIT, tested on 11/12/2014, for the Rio Blanco 33 Fed 2, testing the production casing, witnessed by the OCD (Bill Sonnamaker) who took the original.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #281312 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs
Committed to AFMSS for processing by PAUL SWARTZ on 12/04/2014 ()

Name *(Printed/Typed)* MEGAN MORAVEC — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 11/24/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title — Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office

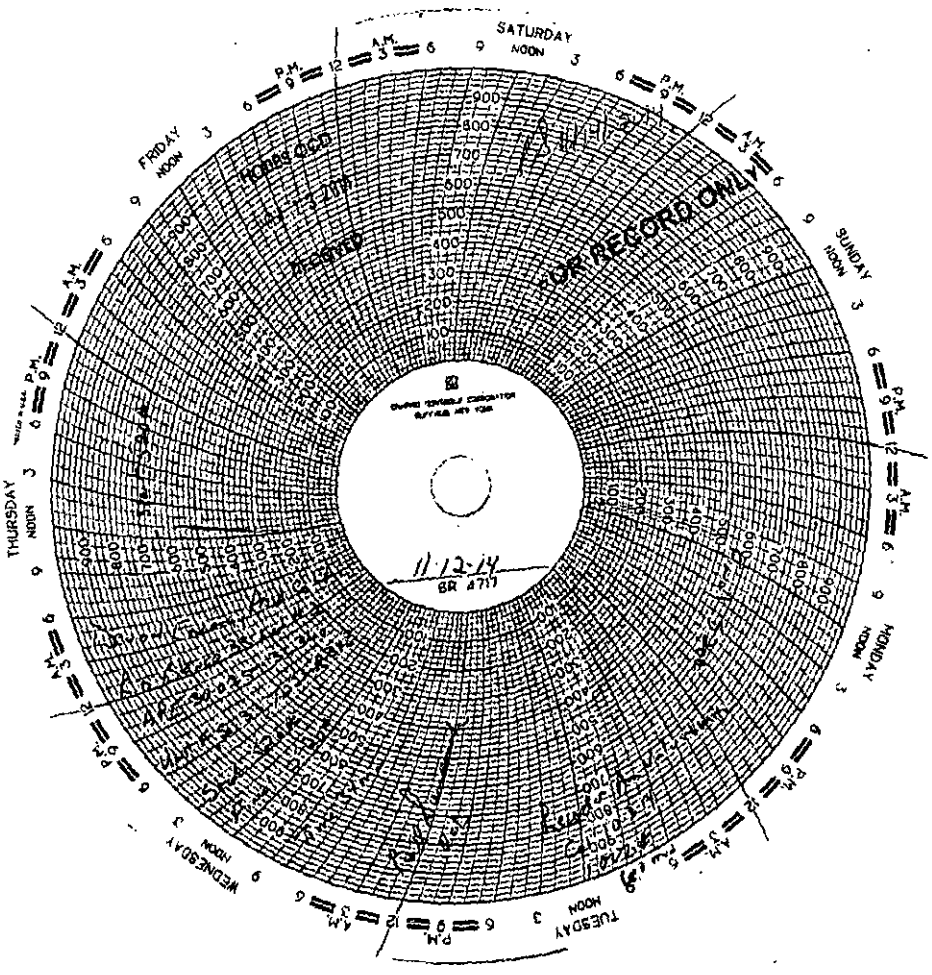
ACCEPTED FOR RECORD
FEB 3 2015
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

FOR RECORD ONLY

BL OCD 2/12/2015 - FEB 17 2015



FOR RECORD ONLY

BS 2/12/2015

HOBBSOCD

JUL 10 2015

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

5. Lease Serial No. BHL: NMNM100864	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No	
1. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Other	8. Well Name and No. Rio Blanco 33 Fed SWD 2
2. Name of Operator: Devon Energy Production Company, L.P.	9. API Well No. 30-025-36360
3a. Address: 333 West Sheridan, Oklahoma City, OK 73102 / 3b. Phone No. (include area code): 405-228-4248	10. Field and Pool or Exploratory Area: SWD; Devonian
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description): 1980' FNL & 1980' FWL Unit F, Sec 33, T22S, R34E ' & ' Unit , Sec , T, R PP: ' & '	11. Country or Parish, State: Lea, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ After Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☑ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other Completion Report
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

13-14 Oct 2014 - Ran out of hole with production tubing and packer
15-22 Oct 2014 – Cleaned out wellbore w/ bit and scraper
22-23 Oct 2014 – Run in hole w/ workstring
24 Oct 2014 – Pumped 10,000 gal 15% HCL, no returns, well on vacuum
27 Oct 2014 - 5 Nov 2014 – Run out of hole w/ workstring
5-8 Nov 2014 – Run in hole w/ lined injection tubing and packer
12 Nov 2014 – MIT witnessed and passed
27 Apr 2015 – 9 May 2015 – Replaced the wellhead and plumbed in new facility. Ready for injection on 5/9/15. Injection commenced on 6/5/2015 with 100 bbls water, tbg pressure 2500 psi. Average injection volume reflects the data on 6/23/15: 1753 bbls water, tbg pressure 2,500 psi, well injection pressure 579.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed): Megan Moravec	Title: Regulatory Compliance Analyst
Signature: Megan Moravec	Date: 7/9/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

JUL 30 2015

E-PERM

HOBBSOCD

Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 10 2015

RECEIVED

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. BHL: NMNM100864

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
X Other Recompletion

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: Devon Energy Production Company, L.P.

8. Lease Name and Well No.: Rio Blanco 33 Fed SWD 2

3. Address: 333 West Sheridan Ave, Oklahoma City, OK 73102

3a. Phone No. (include area code): 405-228-4248

9. API Well No.: 30-025-36360

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 1980' FNL & 1980' FWL Unit F, Sec 33, T22S, R34E

10. Field and Pool or Exploratory: SWD; Devonian

11. Sec., T., R., M., on Block and Survey or Area: Sec 33, T22S, R34E

At top prod. interval reported below

At total depth ' & ' Unit , Sec , T, R

12. County or Parish: Lea

13. State: NM

14. Date Spudded: 5/2/04

15. Date T.D. Reached: 7/26/04

16. Date Completed: ☐ D & A ☑ Ready to Prod. 5/9/15

17. Elevations (DF, RKB, RT, GL)*: GL: 3406

18. Total Depth: MD 14660 TVD 14528.47

19. Plug Back T.D.: MD n/a TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): 0

22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" K-55	1# & 54.4	0	2428		1900 sx CIC		0	150 bbls
12-1/4"	9-5/8" P-110	40#	0	5148	DV @ 3123.7	1900 sx CIC		0	211 sx
8-3/4"	7" P-110	26#	0	11977		600 sx CIH		9000	
6-1/8"	5" T-95	23.2#	11646	14569.9		460 sx CIH		11446	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3-1/2"	14508.3							

25. Producing Intervals

	Formation	Top	Bottom
A)	Devonian	14570	14660
B)			
C)			
D)			

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
14570 - 14660		0	open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
14570 - 14660	10,000 gals 15% HCl

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/9/15	1/0/00	24	→	0	0	0			Flow

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
	psi	psi	→					

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Devonian	14572			Delaware	5178
				Bone Spring	8478
				Wolfcamp	11173
				Strawn	11688
				Atoka Clastics	11995
				M Mrrw Clastics	12768
				Lower Morrow	13273
				Mississippian Lm	13866
				Woodford	14373
				Devonian	14572

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Megan Moravec Title Regulatory Compliance Analyst

Signature Megan Moravec Date 7/9/2015

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)