JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

Case 14600

January 18, 2011

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

Dear Florene:

Enclosed for filing, on behalf of Devon Energy Production Company, L.P., are an original and one copy of an application to approve a salt water disposal well, together with a proposed advertisement. The advertisement has also been e-mailed to the Division. Please set this matter for the February 17, 2011 Examiner hearing. Thank you.

Very truly yours,

James Bruce

Attorney for Devon Energy Production Company, L.P.

PERSONS BEING NOTIFIED

Bureau of Land Management

Nortex Corporation

Occidental Permian Limited Partnership

PROPOSED ADVERTISEMENT

Case No. 14600 **:**

Application of Devon Energy Production Company, L.P. for approval of a water disposal well, Lea County, New Mexico. Applicant seeks an order approving water disposal into the Devonian formation (Northeast Bell Lake Devonian Pool) at a depth of 14500-14553 feet subsurface in the Rio Blanco 4 Fed. Com. Well No. 3, located 1650 feet from the south line and 1650 feet from the east line of Section 4, Township 23 South, Range 34 East, NMPM. The well is located approximately 17 miles southwest of Oil Center, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

RECEIVED OCD

2011 JAN 18 P 3:44

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P. FOR APPROVAL OF A SALT WATER DISPOSAL WELL, LEA COUNTY, NEW MEXICO.

Case No. 14600

APPLICATION

Devon Energy Production Company, L.P. applies for an order approving a salt water disposal well, and in support thereof, states:

1. Applicant proposes to convert to disposal its Rio Blanco 4 Fed. Com. Well No. 3, located 1650 feet from the south line and 1650 feet from the east line of Section 4, Township 23 South, Range 34 East, N.M.P.M., Lea County, New Mexico.

2. Injection will be into the Devonian formation (Northeast Bell Lake-Devonian Pool) at a depth of 14500-14553 feet subsurface.

3. A Form C-108 for the well is attached hereto as Exhibit A.

4. The granting of this application will prevent waste and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Devon Energy Production Company, L.P.

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

Case 14600

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: _____20 North Broadway, Suite 1500, Oklahoma City, Oklahoma 73102_____

CONTACT PARTY· __Ronnie Slack_____PHONE: _405-552-4615

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: _____

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: ___Ronnie Slack_____TITLE: _____Operations Technician

SIGNATURE: Ronnie Slack DATE: 12/15/10

E-MAIL ADDRESS: _____Ronnie.Slack@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

EXHIBIT A

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

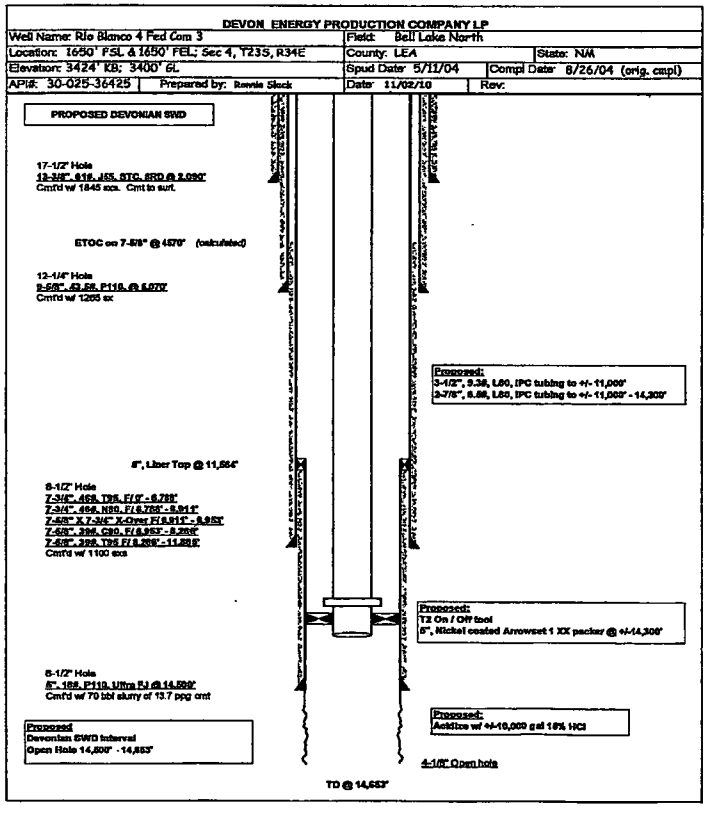
INJECTION WELL DATA SHEET

OPERATOR. Devon Energy Production Company, LP

WELL NAME & NUMBER. RIO BLANCO 4 FED COM 3

WELL LOCATION: 1650' FSL & 1650' FEL J Sec 4 T23S 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#, @ 2090'

Cemented with: 1845 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Circ. cement

Intermediate Casing

Hole Size: 12-1/4" Casing Size: 9-5/8, 43.5#, @ 5070'

Cemented with: 1265 sx. *or* _____ ft³

Top of Cement: Surface Method Determined: Calc.

Production Casing

Hole Size: 8-1/2" Casing Size: 7-3/4 x 7-5/8, @ 11885'

Cemented with: 1100 sx. *or* _____ ft³

Top of Cement: 4570' Method Determined: Calc.

Total Depth: 14653' 5" liner from 11564 to 14500'

Injection Interval (Open Hole)

14500 feet to 14653'

(Perforated or Open Hole; indicate which)

Side 2

INJECTION WELL DATA SHEET

Tubing Size: __3-1/2" X 2-7/8"___Lining Material: ___IPC_____

Type of Packer: ___5" Nickel coated_____

Packer Setting Depth: +/- 14300'_____

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? ___Devonian completion_____

   _____

2. Name of the Injection Formation: Devonian.

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

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.

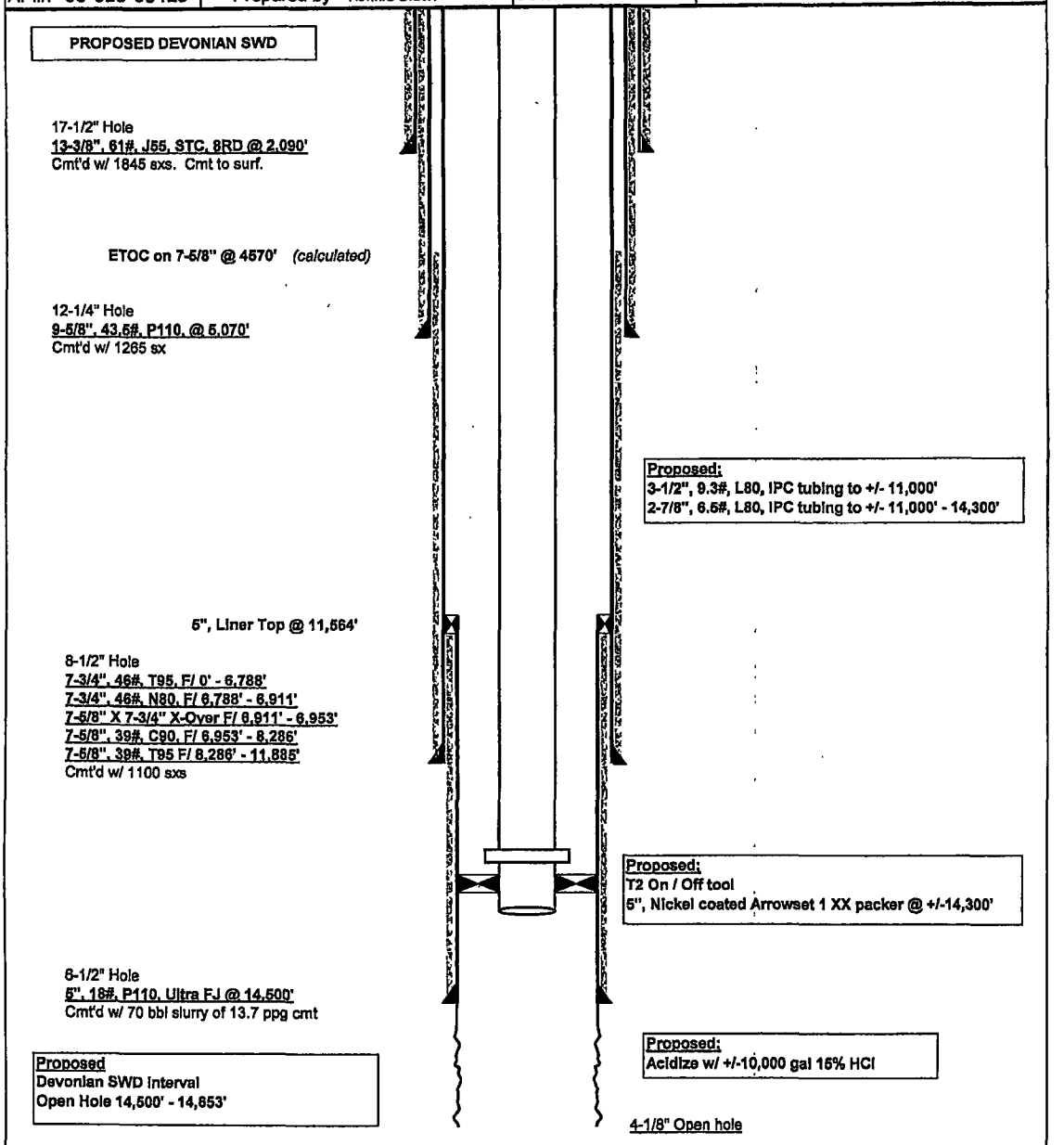
   Devonian (open hole completion from 14500' – 14653'.)

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

   Estimated Marker tops: Rustler-2225', Capitan Reef-4300, Delaware-5165, Bone Spring-8440, Wolfcamp-11151, Strawn-11608, Atoka-11891, Morrow-12449, Misssissippian-13928, Woodford-14338, Devonian-14521, Fusselman-15620, Montoya-16176, Simpson-16544, Ellenburger-17115

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Rio Blanco 4 Fed Com 3	Field: Bell Lake North		
Location: 1650' FSL & 1650' FEL, Sec 4, T23S, R34E	County: LEA	State: NM	
Elevation: 3424' KB; 3400' GL	Spud Date: 5/11/04	Compl Date: 8/26/04 (orig. cmpl)	
API#: 30-025-36425	Prepared by: Ronnie Slack	Date: 11/02/10	Rev:



DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Rio Blanco 4 Fed Com 3	Field: Bell Lake North		
Location: 1650' FSL & 1650' FEL; Sec 4, T23S, R34E	County: LEA	State: NM	
Elevation: 3424' KB; 3400' GL	Spud Date: 5/11/04	Compl Date: 08/26/04	
API#: 30-025-36425 Prepared by: Ronnie Slack	Date: 10/27/04	Rev:	

CURRENT WELLBORE

17-1/2" Hole
13-3/8", 61#, J55, STC, 8RD @ 2,090'
Cmt'd w/ 1845 sxs. Cmt to surf.

ETOC on 7-5/8" @ 4570' *(calculated)*

12-1/4" Hole
9-5/8", 43.5#, P110, @ 5,070'
Cmt'd w/ 1265 sx

PRODUCTION TUBING
359 Jts, 2-7/8", 6.5#, L80, 8RD
93 Jts, 2-7/8", 6.5#, L80, TSHP (on bottom)

5", Liner Top @ 11,564'

8-1/2" Hole
7-3/4", 46#, T95, F/ 0' - 6,788'
7-3/4", 46#, N80, F/ 6,788' - 6,911'
7-5/8" X 7-3/4" X-Over F/ 6,911' - 6,953'
7-5/8", 39#, C90, F/ 6,953' - 8,286'
7-5/8", 39#, T95 F/ 8,286' - 11,885'
Cmt'd w/ 1100 sxs

T2 On / Off Tool
2-3/8", 1.875" F Nipple @ 14,338'
Arrowset 1-X Packer @ 14,338'
6' x 2-3/8" sub
2-3/8", 1.875" R Nipple (1.822" ID NG) @ 14350'
4' x 2-3/8" pup @ 14,351'
W/L Re-entry guide (w/ pump out plug) bottom @ 14,355'

6-1/2" Hole
5", 18#, P110, Ultra FJ @ 14,500'
Cmt'd w/ 70 bbl slurry of 13.7 ppg cmt

DEVONIAN
Open Hole 14,500' - 14,653'
9/14/04: 9935 Mcfd, 33 BO, 3 BW, 1430# TP

4-1/8" Open hole

TD @ 14,653'

Proposed Injection Well: Rio Blanco 4 Fed Com #3
API: 30-025-38425
APPLICATION FOR INJECTION
Form C-108 Section III

III. Well Data--On Injection Well

A. Injection Well Information

(1)	Lease	Rio Blanco 4 Fed Com
	Well No	#3
	Location	1650' FSL & 1650' FEL
	Sec,Twn,Rnge	Sec 4-T23S-R34E
	Cnty, State	Lee County, NM
(2)	Casing	13-3/8". 61#, J55, STC,8RD, @ 2090' Cmt'd w/1845 sx, to surface. 9-5/8". 43.5#, P110, @ 5070' Cmt'd w/ 1265 sx. Surf-calc. 7-3/4" 46#, T95/N80, @ 0'-6911' 7-5/8", 39#, C90/T95, @ 6911'-11885' Cmt'd w/1100 sx. TOC @ 4570'-calc. 5" liner from 11564' to 14500' Cmt'd w/275 sx.
(3)	Injection Tubing	3-1/2", 9.3#, L80, IPC to +/- 11000' 2-7/8", 6.5#, L80, IPC to +/- 11000' - 14300'
(4)	Packer	5" Nickel coated @ +/- 14300'

B. Other Well Information

(1) **Injection Formation:** Devonian
Field Name or Pool: NE Bell Lake; Devonian

(2) **Injection Interval:** Open hole from 14500' 14653'

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

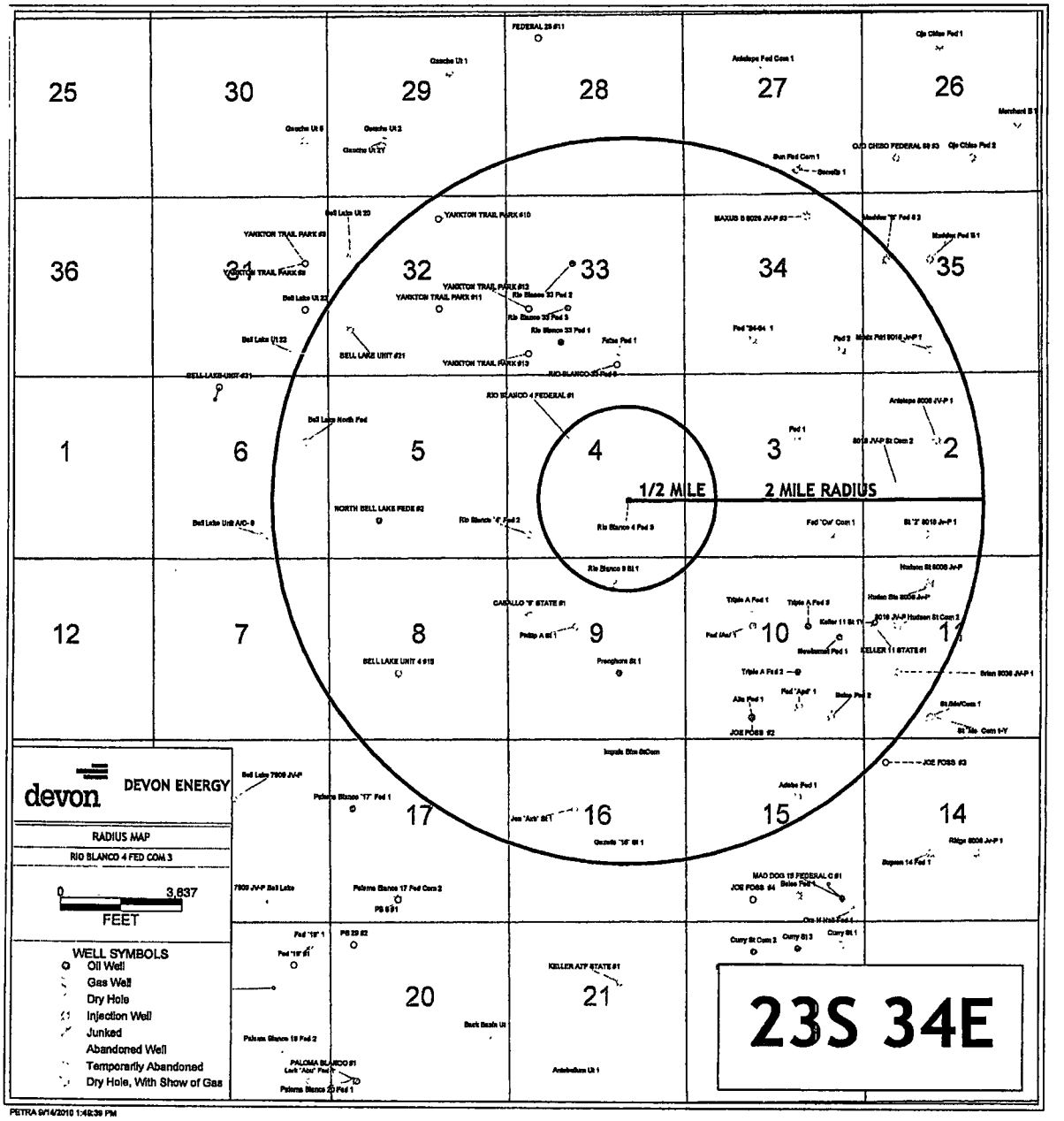
Gas producer

(4) **Other perforated intervals:**

None

(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.**

Estimated Marker tops: Rustler-2225', Capitan Reef-4300, Delaware-5165, Bone Spring-8440, Wolfcamp-11151, Strawn-11608, Atoka-11891, Morrow-12449, Mississippian-13928, Woodford-14338, Devonian-14521, Fusselman-15620, Montoya-16176, Simpson-16544, Ellenburger-17115.



PETRA 9/14/2010 1:48:39 PM

C108 ITEM VI--Well Tabulation in 1/2 Mile Review Area

Devon Energy Production Company, LP

Proposed Disposal Well: Rio Blanco 4 Fed #3

Updated: 9/21/10

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 4 Fed Com 3 (proposed for swd)	30-025-36425	Lea	1650' FSL 1650' FEL	4	23S	34E	Gas	Shut In	5/11/04	8/26/04	14853	14653	Devonian	Open Hole (14500-14653)	13-3/8" 61#, @ 2090' 9-5/8", 43.5#, @ 5070' 7-5/8" 39#, @ 11885' 5" liner, 18#, @ 11564-14500'	1845 sx / surf 1265 sx / surf (calc) 1100 sx / 4570' (calc) 275 sx / liner top
Devon Energy Prod Co LP	Rio Blanco 4 Fed 1	30-025-34515	Lea	1980' FNL 1980' FWL	1	23S	34E	Gas	Active	11/98-orig 07/03-s/t	09/03-s/t 2/99-orig	14590	14590	Devonian Atoka Morrow	14488-14590 (open hole-S/T) 12056-12064 (orig hole-closed) 12916-12945 (orig hole-closed)	13-3/8" 61#, @ 2236' 9-5/8", 40#, @ 5168' 7", 26#, @ 11718' (orig hole) 5" liner, 18#, @ 10540-14488'	1075 sx / surf 1725 sx / surf 1258 sx / 6800' (calc) 210 sx / liner top
Devon Energy Prod Co LP	Rio Blanco 9 State 1	30-025-36302	Lea	660' FNL 2129' FEL	9	23S	34E	Gas	Active	7/9/04	10/12/04	14654	14654	Devonian	Open Hole (14546-14654)	13-3/8", 54.5#, @ 1660' 9-5/8", 40#, @ 5142' 7", 26#, @ 11855' 5" liner, 23#, 11530-14546	1625 sx / surf 1825 sx / surf 1525 sx / 4947' (TS) 400 sx / liner top

Proposed Injection Well: Rio Blanco 4 Fed Com #3
APPLICATION FOR INJECTION
Form C-108 Section VII to XII

VII Attach data on the proposed operation, including:

(1) Proposed average injection rate: 3000 BWPD
Proposed maximum injection rate: 5000 BWPD

(2) The system will be a closed system.

(3) Proposed average injection pressure: 2000 psi
Proposed max injection pressure: 2900 psi

(4) The injection fluid will be produced water from the Devonian formation that will be injected into the Devonian.

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

VIII Geologic Injection Zone Data

The injection zone is the Devonian formation in an open hole inetrval from 14500' to 14653 (153'). The Devonian formation is a Permian aged dolimitized limestone. New Mexico State Engineer reports average fresh water depth at 320' in this area.

IX Proposed Stimulation

Based on injectivity results this interval could be stimulated with ~10000 gals 15% HCl.

X Log Data

Logs have previously been submitted to the OCD.

XI Fresh Water Analysis

Attached is a fresh water analysis for Keller Water Station well located at Lat 32.32587; Long -103.49779; Sec 5-T23S-R34E

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.

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Sub basin	Use	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00556		PRO	LE	4	4	3	08	23S	34E	641846	3576102*	497	255	242
CP 00637 (1)		PRO	LE	3	3	4	15	23S	34E	645293	3574541*	430	430	0
CP 00872		COM	LE	1	1	1	08	23S	34E	641225	3577504*	500	305	195
CP 00872		EXP	LE	1	1	1	08	23S	34E	641225	3577504*	500	305	195
CP 00872		PRO	LE	1	1	1	08	23S	34E	641225	3577504*	500	305	195

Average Depth to Water: **320 feet**
Minimum Depth: **255 feet**
Maximum Depth: **430 feet**

Record Count: 5

Basin/County Search:

County: Lea

PLSS Search:

Section(s): 32, 33, 34, 3, 4, 5, 8, 9, 10, 15, 16, 17 **Township:** 23S **Range:** 34E

Usage Filter:

Use: All Usages

***UTM location was derived from PLSS - see Help**

Fresh Water Analysis Report
Keller Water Station Well
SEC 5-T23S-R34E
Lat 32.32587 Long -103.49779

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 #:	481703
Lease/Platform:	KELLER LEASE	Analysis ID #:	104445
Entity (or well #):	WATER STATION	Analysis Cost:	$90.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 481703 @ 75 °F					
Sampling Date:	11/11/10	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	11/16/10	Chloride:	29.0	0.82	Sodium:	84.9	3.69
Analyst:	JENNIFER HARDELL	Bicarbonate:	250.0	4.1	Magnesium:	28.0	2.3
TDS (mg/l or g/m3):	658.3	Carbonate:	0.0	0.	Calcium:	57.0	2.84
Density (g/cm3, tonne/m3):	1.001	Sulfate:	200.0	4.16	Strontium:	1.5	0.03
Anion/Cation Ratio:	0.9999979	Phosphate:			Barium:	0.1	0.
		Borate:			Iron:	0.3	0.01
		Silicate:			Potassium:	7.5	0.19
Carbon Dioxide:	0 PPM				Aluminum:		
Oxygen:		Hydrogen Sulfide:		0 PPM	Chromium:		
Comments:		pH at time of sampling:		7.33	Copper:		
		pH at time of analysis:			Lead:		
		pH used in Calculation:		7.33	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
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.07	0.00	-1.48	0.00	-1.53	0.00	-1.34	0.00	0.59	0.00	0.17
100	0	0.06	1.40	-1.46	0.00	-1.46	0.00	-1.32	0.00	0.45	0.00	0.22
120	0	0.21	4.55	-1.44	0.00	-1.37	0.00	-1.29	0.00	0.34	0.00	0.28
140	0	0.36	8.06	-1.42	0.00	-1.25	0.00	-1.25	0.00	0.25	0.00	0.34

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.

Injection Water Analysis Report
Mad Dog 15 #1
SEC 15-T23S-R34E
(Devonian Formation Water)

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:	33517
Region:	PERMIAN BASIN	Account Manager:	FRANK GARDNER (575) 390-5194
Area:	JAL, NM	Sample #:	481511
Lease/Platform:	MAD DOG '15' LEASE	Analysis ID #:	102920
Entity (or well #):	1	Analysis Cost:	$90.00
Formation:	DEVONIAN		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	08/24/10
Analysis Date:	09/13/10
Analyst:	LEAH DURAN
TDS (mg/l or g/m3):	69356
Density (g/cm3, tonne/m3):	1.051
Anion/Cation Ratio:	1
Carbon Dioxide:	20 PPM
Oxygen:	N/A
Comments:	

Analysis of Sample 481511 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**40711.0**	**1148.31**	**Sodium:**	**24262.3**	**1055.35**
Bicarbonate:	**366.0**	**6.**	**Magnesium:**	**298.0**	**24.51**
Carbonate:	**0.0**	**0.**	**Calcium:**	**1833.0**	**91.47**
Sulfate:	**1404.0**	**29.23**	**Strontium:**	**55.0**	**1.26**
Phosphate:			**Barium:**	**1.0**	**0.01**
Borate:			**Iron:**	**4.5**	**0.16**
Silicate:			Potassium:	421.0	10.77
			Aluminum:		
Hydrogen Sulfide:		153 PPM	Chromium:		
pH at time of sampling:		8.4	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**8.4**	Manganese:	0.200	0.01
			Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4 \cdot 2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.80	51.07	-0.42	0.00	-0.46	0.00	-0.15	0.00	1.22	0.65	0.01
100	0	1.70	54.67	-0.46	0.00	-0.43	0.00	-0.16	0.00	1.04	0.65	0.02
120	0	1.62	58.60	-0.49	0.00	-0.38	0.00	-0.16	0.00	0.89	0.65	0.05
140	0	1.56	62.86	-0.51	0.00	-0.31	0.00	-0.15	0.00	0.76	0.33	0.08

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.

Section XIV--Proof of Notice to Leasehold Operators
Devon Energy Prod Co LP
C108 Application For Injection
Proposed Well: Rio Blanco 4 Fed Com #3

Rio Blanco 4 Fed Com 3

Proof of Notice to Leasehold Operators within 1/2 mile of [redacted]

Nortex Corporation
1415 Louisiana, Suite 3100
Houston, TX 77002

Certified receipt No.
7008 1830 0003 1983 5233

Occidental Permian, LP
P O. Box 4457
Houston, TX 77210

Certified receipt No.
7008 1830 0003 1983 5240

A copy of this application has been mailed to the above leasehold operator by certified mail, pertaining to Devon Energy's application for salt water disposal in the Rio Blanco 4 Fed Com #3

Date Mailed: 12-15-10

Signature: Ronnie Slack Date: 12-15-10

Ronnie Slack, Operations Technician
Devon Energy Production Co , L.P
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102

Section XIV--Proof of Notice to Surface Land Owner
Devon Energy Prod Co LP
C108 Application For Injection
Proposed Well: Rio Blanco 4 Fed Com #3

Proof of Notice to Surface Land Owner of well location site.

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

Certified receipt No.
7008 1830 0003 1983 5257

A copy of this application has been mailed to the above surface land owner by certified mail, pertaining to Devon Energy's application for salt water disposal in the Rio Blanco 4 Fed Com #3

Date Mailed 12-15-10

Signature: Ronnie Slack Date: 12-15-10

Ronnie Slack, Operations Technician
Devon Energy Production Co., L.P
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102

Affidavit of Publication

State of New Mexico,
County of Lea.

I, DORA YANEZ
OFFICE MANAGER
of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, do 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
September 23, 2010
and ending with the issue dated
September 23, 2010

OFFICE MANAGER
Sworn and subscribed to before me
this 13th day of
October, 2010

Notary Public

My commission expires
June 16, 2013
(Seal)

OFFICIAL SEAL
Linda M Jones
NOTARY PUBLIC STATE OF NEW MEXICO
My Commission Expires: _____

This newspaper is duly qualified to publish legal notices or advertisments within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

LEGAL LEGAL

Legal Notice
SEPTEMBER 23, 2010

Devon Energy Production Company, LP, 20 North Broadway, 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 4 Fed Com #3, is located 1650' FSL & 1650' FEL, Section 4, Township 23 South, Range 34 East, in Lea County, New Mexico. Disposal water will be sourced from area wells producing from the Devonian formation. The disposal water will be injected into the Devonian formation at a depth of 14,500' to 14,653', at a maximum surface pressure of 2,900 psi and a maximum rate of 5,000 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 Ron Hays at Devon Energy Corporation, 20 N. Broadway, Oklahoma City, OK 73102-8260 or call (405) 552-8150.
#26108

02106898 00059771
MELANIE MAJORS
DEVON ENERGY CORPORATION
THE MAJOR CO
2333 WISCONSIN ST NE
ALBUQUERQUE, NM 87110

Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

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

1 Type of Well ☐ Oil Well ☑ Gas Well ☐ Other	5. Lease Serial No. **NM 19143**
	6. If Indian, Allottee or Tribe Name
	7 Unit or CA Agreement Name and No.
	8 Well Name and No. **RIO BLANCO 4 FED COM 3**
2. Name of Operator **DEVON ENERGY PRODUCTION COMPANY, LP**	9. API Well No. **30-025-36425**
3a. Address **20 North Broadway, Ste 1500, Oklahoma City, OK 73102**	3b. Phone No. (include area code) **405-552-4615**
	10. Field and Pool, or Exploratory Area **NE BELL LAKE; DEVONIAN**
4. Location of Well (Footage, Sec., T., R., M , or Survey Description) **1650 FSL 1650 FEL J 4 T23S R34E**	11 County or Parish, State **LEA NM**

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

TYPE OS 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 Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepen directionally or recomplete horizontally, give subsurface location 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 requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Note: Devon Energy is filing Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division in Santa Fe, NM. Proposed SWD conversion is in the existing Devonian formaiton (open hole from 14500' to 14653'.) The BLM will be furnished a copy of Form C-108 when filed.

PROPOSED SWD CONVERSION

1 Wait on OCD C108 and BLM sundry approval.
2 MIRU Establish injecton in existing Devonian open hole formation interval from 14500' to 14653', not to exceed maximum authorized surface injection pressure per C108.
3. Stimulate Devonian formation if necessary
4. Run MIT test and chart. File MIT w/ OCD office.
5. Initiate and evaluate injection in Devonian formation using existing 2-7/8", L80 production tubulars and Arrowset packer @ 14338'
6. Replace as warranted current 2-7/8" production tubulars with mixed string of 3-1/2" X 2-7/8" IPC injection tubing and 5" nickel coated packer at +/- 14300'
7. Run MIT test and chart. File MIT w/OCD office.
8. Return well to injection service.

14. I hereby certify that the foregoing is true and correct Name: **Ronnie Slack**	Title **Operations Technician**
Signature Ronnie Slack	Date 11-18-10

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 or 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.

Jones, William V., EMNRD

From: dwinkler@blm.gov
Sent: Thursday, December 30, 2010 8:09 AM
To: Jones, William V., EMNRD
Subject: Rio Blanco 4 Fed Com #3 (30-025-36425) SWD
Attachments: SWD Appl - Rio Blanco 4 Fed Com 3 - 233404J 122110.docx

Will,

Attached is the letter the BLM has drafted after reviewing this well.

Thanks,

Dusty Winkler
Petroleum Engineer
Bureau of Land Management
Carlsbad Field Office
575-234-5914

(See attached file: SWD Appl - Rio Blanco 4 Fed Com 3 - 233404J 122110.docx)

December 22, 2010

RE : Review of the Class II SWD commercial injection well application for Devon Energy Corporation's Rio Blanco 4 Fed Com #3, 1650' FSL & 1650' FEL (Ut J) Section 4-T23S-R34E, Lea County, New Mexico; conversion of the Rio Blanco 4 Fed Com #3, API No. 3002536425.

Comments: There are 2 wells (0 plugged) within the ½ mile area of review (AOR) and 35 (10 plugged) within 2 miles of the subject well. The wells in the ½ mile AOR were reviewed as follows:

Rio Blanco 4 Fed Com #1 (30-025-34515) – OK
Rio Blanco 9 State #1 (30-025-36302) – OK

The plugged wells within the 2 mile AOR were reviewed as follows:

North Bell Lake Unit 4 #15 (30-025-24771) – OK
Rio Blanco Fed Com #2 (30-025-34605) – OK
Pronghorn State #1 (30-025-27805) – OK
Jen AXB State #1 (30-025-35306) – OK
Gazelle 16 State #1 (30-025-34258) – OK
Lisa Federal #1 (30-025-27813) – OK
Federal 'CW' #1 (30-025-28119) – OK
Maxus B 8026 JV-P #3 (30-025-30661) – OK
State 2 8006 JV-P #1 (30-025-27486) – OK
Keller 11 State #1 (30-025-38530) – OK

The top of the injection zone (14,500 ft) is 9600 ft below the base of the Salado (4900 ft), which is within reason. The BLM has no objections.

DHW 122210

Jones, William V., EMNRD

From: Slack, Ronnie [Ronnie.Slack@dvn.com]
Sent: Tuesday, December 28, 2010 12:48 PM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Devon Energy Production Company, LP: Rio Blanco 4 Fed Com #3 30-025-36425 Devonian Open Hole

Thanks Will. I'll pass this on to our engineer and land folks here and keep you posted.

Ronnie Slack
Operations Technician
Devon Energy Corporation
CT 3 033
(405) 552-4615 (office)
(405) 552-1415 (fax)
Email: Ronnie.Slack@dvn.com

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Monday, December 27, 2010 4:02 PM
To: Slack, Ronnie
Cc: Ezeanyim, Richard, EMNRD; Sanchez, Daniel J., EMNRD; Hill, Larry, EMNRD; Wesley_Ingram@blm.gov
Subject: Disposal application from Devon Energy Production Company, LP: Rio Blanco 4 Fed Com #3 30-025-36425 Devonian Open Hole

Hello Ronnie,
Hope all is well in Oklahoma.

Just reviewed this application and have only two issues.

You noticed two other operators and the BLM. Please let me know the tracts of land within the Area of Review which are owned by Oxy, Nortex, BLM, and Devon respectively. Our procedure now asks for applicants to specify the legal description of tracts owned by the affected parties which were noticed. Ken Gray or another Landman may need to help with this.

Since this is a depleted gas well and there are two other small gas producers in this same Devonian formation within a short distance, the "waste" considerations must formally be considered, which is beyond the scope of a C-108 application. This type of situation requires a hearing before an examiner to look at ownership of surrounding Devonian minerals and a reservoir engineer to testify to the effect on this reservoir of using it for disposal purposes. Devon can ask in its application for either an SWD (well having no effect on its neighbors or the reservoir) or a small Pressure Maintenance project (well having a projected positive effect on the reservoir.)

Let me know what Case number is assigned this matter and I will place this C-108 and my notes into that file.

Thank You and happy new year,

William V Jones, P.E.
Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462

Well Master

30-025-36425-00-00 **DEVON ENERGY PRODUCTION COMPANY, LP** Lea

RIO BLANCO 4 FEDERAL COM No 003

Production Summary

(16 Month Default) 5 Year Data

Months Since Production > Zero: 6

Specify Beginning Date for Summary... 8/27/2009 12/27/2005 Date of Last Production Report:

Production Pool(s)	Oil Prod	Gas Prod	Wtr Prod	Days Prod	R
BELL LAKE;DEVONIAN, NE (GAS)	3	23418	85317	30	
BELL LAKE;DEVONIAN, NE (GAS)	36	23879	91395	31	1
BELL LAKE;DEVONIAN, NE (GAS)	23	14381	59836	30	1
BELL LAKE;DEVONIAN, NE (GAS)		11692	56663	25	1
BELL LAKE;DEVONIAN, NE (GAS)	33	22216	87941	31	
BELL LAKE;DEVONIAN, NE (GAS)	56	16019	62562	23	
BELL LAKE;DEVONIAN, NE (GAS)	1	10470	61388	29	
BELL LAKE;DEVONIAN, NE (GAS)		13618	56673	23	
BELL LAKE;DEVONIAN, NE (GAS)			1084	3	
BELL LAKE;DEVONIAN, NE (GAS)	85		275	2	
BELL LAKE;DEVONIAN, NE (GAS)		0		0	
BELL LAKE;DEVONIAN, NE (GAS)		0		0	
BELL LAKE;DEVONIAN, NE (GAS)		0		0	
BELL LAKE;DEVONIAN, NE (GAS)		0		0	1

Total Volumes for Above Filtered Recordset...

Oil Total: 237 Gas Total: 135,693 Water Total: 563,134

Water Inj Total: [redacted] CO2 Inj Total: [redacted] Gas Inj Total: [redacted] Other Inj Total: [redacted]

Double-Click on '5 Year Data' Label Above to Automatically Apply That Date and Show 5 Year Production History!

Double-Click on '(16 Month Default)' Label to Re-Filter to 16 Months!