

Adams, Norvella

From: Adams, Norvella
Sent: Monday, July 21, 2008 3:53 PM
To: 'Jones, William V., EMNRD'
Subject: RE: Injection Application from Devon: Federal T #1 30-015-26404 Unit A Sec 12 T18S R27E
Attachments: Federal T #1_Proposed Schematic.pdf

Will,

Good afternoon. Thank you for your initial review of our application. Please find below the answers to your questions and also a "Post" conversion wellbore schematic. I will mail the schematic to you as well. Please contact me should you need anything further or have any more questions or concerns.

Thank you,
 Norvella Adams
 Devon Energy
 405-552-8198

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Wednesday, July 16, 2008 11:28 AM
To: Adams, Norvella
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Phillips, Dorothy, EMNRD
Subject: Injection Application from Devon: Federal T #1 30-015-26404 Unit A Sec 12 T18S R27E

Hello Ms. Norvella Adams:

Application looks generally OK - but just a few things:

- 1) The Injection Data Sheet info has the wrong casing and cement sizes on it - I corrected this so it is OK now and is consistent with the wellbore diagram and the well file. **Thank you for correcting this. I could not find where I made the mistake if you have time would you please let me know so that I don't repeat the mistake.**
- 2) Send a "Post" conversion wellbore diagram - you can fax or mail it in. **Please see attached and you should receive one in the mail shortly.**
- 3) Please ask your landman (Mr. Gray?) to tell you specifically who the affected parties (Rule 701B(2)) are in these areas of the 1/2 mile Area of Review:
 - in the SWSW of Sec 6 of 18S 28E: **Mewbourne Oil Company, 500 W. Texas, Ste. 1020, Midland, TX 79701**
 - in the W/2 NW/4 of Sec 7 of 18S 28E: **Morexco, Inc., P.O. Box 51208, Midland, TX 79710**
 - in Sec 1 T18S R27E (in the 1/2 mile AOR): **Navajo Refining Company, P.O. Box 159, Artesia, NM 88210 and Mewbourne Oil Co.**
 - in Sec 12 T18S R27E (in the 1/2 mile AOR): **(leasehold) Mewbourne Oil Co. and (wellbore) Devon Energy**
 We have been asking applicants to break up the affected area and specifically provide ownership info for applications - something to keep in the file.

Well Location Surface Owner: Bureau of Land Management, 620 East Greene St., Carlsbad, NM 88220.

- 4) Your application says this injection well is for purposes of "waterflooding". If it is truly only for SWD purposes, let me

7/21/2008

know. If it really is for waterflooding - then please have an engineer send a writeup of which offsetting wells this injection may stimulate and why it may work. **This is truly on ly for SWD purposes.**

5) Yesterday Devon showed one well needing additional financial assurance to be sent to Dorothy Phillips of this office. Today it appears fine - so Rule 40 compliance is OK.

For your reference, the following link shows Devon's wells and financial assurance list:

<http://www.emnrd.state.nm.us/OCD/OCDPermitting/Report/Stats/InactiveWellFinancialAssuranceReport.aspx?Operator=6137>

Regards,
William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

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DEVON ENERGY PRODUCTION COMPANY LP

Well Name: FEDERAL T #1		Field: NORTH ILLINOIS CAMP MORROW	
Location: 660' FNL & 990' FEL; SEC 12-T18S-R27E		County: EDDY	State: NM
Elevation: 3634' KB; 3618' GL		Spud Date: 6/28/90	Compl Date: 9/13/90
API#: 30-015-26404	Prepared by: Norvella Adams	Date: 7/17/08	Rev:

**PROPOSED SWD
L. Wolfcamp and Cisco**

17-1/2" Hole
13-3/8", 68#, LTC, @ 472'
Cmt'd w/450 Sx. Circ to surface

12-1/4" Hole
8-5/8", J55, 32#, STC, @ 2,589'
Cmt'd w/900 Sx. Circ to surface

WOLFCAMP (8/21/93)
6,868' - 7,038'

WOLFCAMP (8/18/93)
7,092' - 7,097'; 7,120' - 7,146'

WOLFCAMP (8/16/93)
7,330' - 7,340'; 7,350' - 7,360'

CISCO (8/1/93)
7,685' - 7,695'

CISCO (7/30/93)
7,760' - 7,768'

CISCO (7/28/93)
7,790' - 7,798'

CISCO (7/25/93)
7,932' - 7,940'

CISCO (7/22/93)
8,034' - 8,042'
8,055' - 8,060'

4" Liner top @ 9,055'

7-7/8" Hole
5-1/2", N80, 17#, LTC, @ 9,473'
Cmt'd w/430 Sx

MORROW (9/14/90)
10,008' - 10,014'
10,038' - 10,054'

4-3/4" Hole
4" 10.46#, L80 Liner @ 9,055' - 10,141'
Cmt'd w/80 Sx

Formation Tops

Morrow 9,600-10,250'
Atoka 9,230'- 9,700'
Upper Wolfcamp 6,400' - 7,200'
Abo 5,600' - 6,200'
Yeso 3,300' 0 3,900'
San Andres 2,000' - 2,800'
Queen 1,450' - 1,650'

Proposed:
3-1/2", 9.3 #, N80, Injection tubing

Proposed:
5-1/2" IPC Packer @ +/-6,800'

35' cement. 9,005' PBD
CIBP @ 9,040' (7/21/93)

CIBP @ 9,950' (7/19/93)

10,100' PBD

10,141' TD

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