

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FEB 05 2008
OCD-ARTESIA

S

WELL API NO. 30-015-28859
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name TODD 25N FEDERAL
8. Well Number 14
9. OGRID Number 6137
10. Pool name or Wildcat DELDWARE BELL CANYON
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3502' GL
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☒---Convert to SWD, Admn. Order SWD-1108

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- MIRU. RIH & perforate for Delaware Bell Canyon for SWD, 2 SPF, at 5,236'-5,250'; 5,374'-5,382'; 5,488'-5,498'.
- TIH w/work string & stimulate injection perforations w/+/- 5000 gallons 7.5% NeFe. Frac with +/- 120,000 lb proppant, depending on BJ evaluation.
- RIH w/5-1/2" IPC packer & 2-3/8" IPC tubing. Set packer at +/- 5,200'. Load annulus w/packer fluid & perform MIT test on casing. Chart results. **(Note: Notify OCD 24 hrs in advance prior to performing MIT test).**
- Wellhead injection pressure shall be limited to 1,047 PSI per approved C108. Equip well w/pressure limiting device so as not to exceed surface injection pressure of 1,047 psi.
- Commence water disposal in Delaware Bell Canyon perfs from 5,236' to 5,498'.
- Report start date of injection with rate & pressure.

Accepted for record
NMOCD *RT*

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Ronnie Slack TITLE Engineering Technician DATE 2/4/08

Type or print name Ronnie Slack E-mail address: Ronnie.Slack@dvn.com Telephone No. 405-552-4615
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Well Name: TODD 25N FED 14		Field: INGLE WELLS	
Location: 660' FSL & 1980' FWL; SEC 25-T23S-R31E		County: EDDY	State: NM
Elevation: 3502' GL		Spud Date: 4/19/96	Compl Date: 5/29/96
API#: 30-015-28859	Prepared by: Ronnie Slack	Date: 10/15/07	Rev:

PROPOSED SWD

17-1/2" hole

13-3/8", 48#, H40, ST&C, @ 877'

Cmt'd w/700 Sx, circ to surface

TOC @ 3056' (CBL-5/15/96)

11" Hole

8-5/8", 32#, J55, ST&C, @ 4,373'

Cmt'd w/1220 Sx, circ to surface

Proposed 2-3/8" IPC Injection Tubing

Proposed IPC Injection Packer @ +/- 5200'

PROPOSED DELAWARE BELL CANYON SWD

5236' - 5250'; 5374' - 5382'; 5488' - 5498'

DV Tool @ 5509'

DELAWARE CHERRY CANYON (9/98)

5962' - 5976'

5986' - 5990'

DELAWARE CHERRY CANYON (5/96)

6799' - 6821'

7038' - 7045'

DELAWARE BRUSHY CANYON (5/96)

7088' - 7102'

8034' - 8050'

8120' - 8142'

8222' - 8238'

8268' - 8274'

36' cement. 5884' PBD

CIBP @ 5920' (10/1/05)

35' cement. 6705' PBD (9/98)

CIBP @ 6740' (9/98)

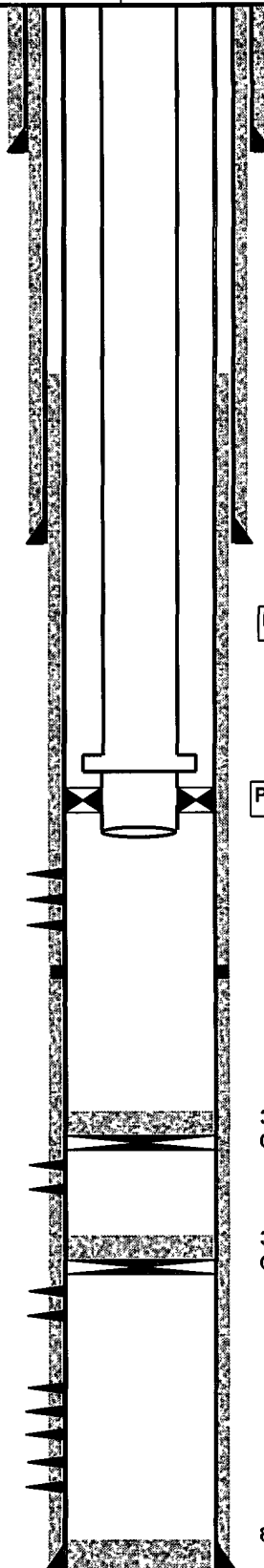
7-7/8" Hole

5-1/2", 15.5# & 17#, J55, LT&C, @ 8,672'

Cmt'd w/935 Sx. TOC @ 3056' (CBL)

8,603' PBTD

8,673' TD



Well Name: TODD 25N FED 14		Field: INGLE WELLS	
Location: 660' FSL & 1980' FWL; SEC 25-T23S-R31E		County: EDDY	State: NM
Elevation: 3502' GL		Spud Date: 4/19/96	Compl Date: 5/29/96
API#: 30-015-28859	Prepared by: Ronnie Slack	Date: 10/15/07	Rev:

CURRENT SCHEMAT

17-1/2" hole
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 Cmt'd w/700 Sx, circ to surface

TOC @ 3056' (CBL-5/15/96)

11" Hole
8-5/8", 32#, J55, ST&C, @ 4,373'
 Cmt'd w/1220 Sx, circ to surface

DV Tool @ 5509'

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 5962' - 5976'
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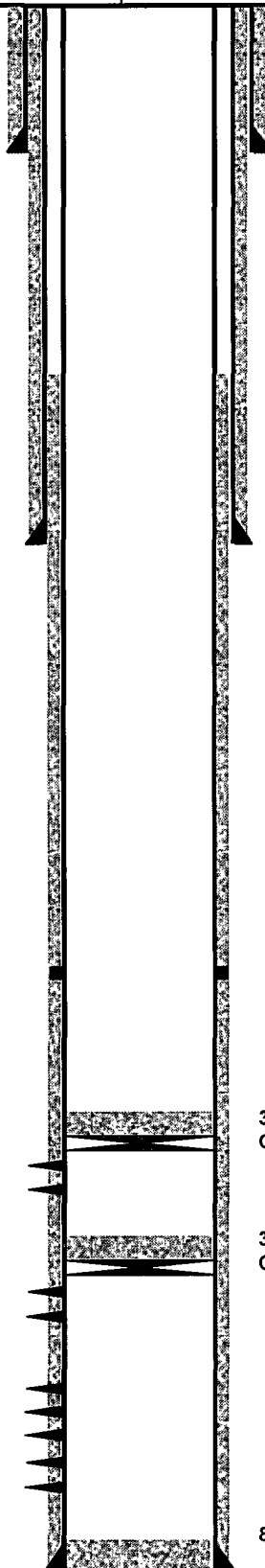
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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Administrative Order SWD-1108

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, LP FOR PRODUCED WATER DISPOSAL, EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), Devon Energy Production Company, LP (OGRID 6137) made application to the New Mexico Oil Conservation Division for permission to utilize for produced water disposal its Todd 25N Federal Well No. 14 (API No. 30-015-28859) located 660 feet from the South line and 1980 feet from the West line of Section 25, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators and surface owners have been duly notified;
- (3) The applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met; and
- (4) No objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED THAT:

Devon Energy Production Company, LP is hereby authorized to re-enter and utilize its Todd 25N Federal Well No. 14 (API No. 30-015-28859) located 660 feet from the South line and 1980 feet from the West line of Section 25, Township 23 South, Range 31 East, NMPM, Eddy County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the Bell Canyon member of the Delaware Mountain Group formation through perforations from 5236 feet to 5498 feet and through plastic-lined tubing set with a packer

located within 100 feet of the top of the injection interval.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

After installing injection tubing, the casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 1047 psi**. In addition, the injection well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing, or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

PROVIDED FURTHER THAT, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The operator shall provide written notice of the date of commencement of injection to the Artesia district office of the Division.

The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Rule Nos. 706 and 1120 of the Division Rules and Regulations.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator received by the Division prior to the termination date, may grant an extension thereof for good cause shown.

Approved at Santa Fe, New Mexico, on January 25, 2008.



MARK E. FESMIRE, P.E.
Director

MEF/wvj

cc: Oil Conservation Division – Artesia
Bureau of Land Management - Carlsbad