

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

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

WELL API NO. 30-015-29345
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name COTTON DRAW UNIT
8. Well Number 81
9. OGRID Number 6137
10. Pool name or Wildcat SWD;DELAWARE
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3455' KB; 3437' GL; 18' KB to GL

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other-SWD

2. Name of Operator  
Devon Energy Production Company, LP

3. Address of Operator  
333 W. Sheridan Avenue, Oklahoma City, OK 73102

4. Well Location

Unit Letter L: 1650' feet from the South line and 660' feet from the West line  
Section 02 Township 25S Range 31E NMPM Eddy County, NM

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 ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. MIRU. Set CIBP @ 8,700'. Cap w/35' CI H cmt. Tag TOC. (Bone Spring perfs 8725'-9445')
2. Spot 30 sx (150') CI H cmt @ 7,470' - 7,620'. Tag TOC. (Sqzd Brushy Canyon perfs 7,620'-7,671')
3. Spot 30 sx (190') CI C cmt @ 5,310' - 5,500'. (Top of sqz perfs @ 5,500')
4. Spot 60 sx (350') CI C cmt @ 4,200' - 4,550'. Tag TOC. (B.Salt @ 4,296'. T.Bell Canyon @ 4,317'. 9-5/8" shoe @ 4,500'. Sqzd swd interval @ 4,556'-5,360')
5. Cut & pull 7" csg from 3,700'. Spot 30 sx (100') CI C cmt @ 3,650' - 3,750'. Tag TOC.
6. Spot 45 sx (125') CI C cmt @ 875' - 1000'. Tag TOC. (T.Salt @ 958')
7. Spot 40 sx (110') CI C cmt @ 640' - 750'. Tag TOC. (13-3/8" shoe @ 697')
8. Spot 40 sx (110') CI C cmt surface plug. Cut wellhead off. Set dry hole marker.  
(Circulate 9# mud between plugs)

NM OIL CONSERVATION  
ARTESIA DISTRICT

SEP 11 2014

CONDITIONS OF APPROVAL ATTACHED

Approval Granted providing work is Completed by

Sept 12, 2015

Rig Release

Approved for plugging of well bore only.  
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under Forms, www.cmrnd.state.nm.us/oed

RECEIVED

I hereby certify that the above is true and complete to the best of my knowledge and belief.

SIGNATURE Ronnie Slack TITLE Operations Technician DATE 9-9-14

Type or print name Ronnie Slack E-mail address: Ronnie.Slack@dvn.com PHONE: 405-552-4615

For State Use Only

APPROVED BY: R. Dade TITLE DIST Supervisor DATE 9-12-14

Conditions of Approval (if any):

★ See Attached COA's

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: Cotton Draw Unit 81		Field: Cotton Draw Delaware South	
Location: Sec 2-T25S-R31E; 1650' FSL & 660' FWL		County: Eddy	State: NM
Elevation: 3455' KB; 3437' GL; 18' KB-GL		Spud Date: 3/1/97	Compl Date: 6/11/97
API#: 30-015-29345	Prepared by: Ronnie Slack	Date: 9/9/2014	Rev:

**PROPOSED PLUG & ABANDONMENT**

17-1/2" Hole  
13-3/8", 48# & 54.5#, H40 & K55, @ 697'  
 Cmt'd w/ 700 sx. Topped out w/ 300 sx.  
 Cement to surface

TOC @ 3750'-CBL (4/7/11) →

12-1/4" Hole  
9-5/8", 40# & 36#, J55, N80, S95, @ 4500'  
 Cmt'd w/ 1700 sx. Cement circulated.

**SWD INTERVAL** (Perfed 4/7/11)  
**Bell Canyon**  
 4556-4560; 4574-4580; 4720-4730  
 4739-4744; 4969-4979; 4990-5000  
 5122-5148; 5216-5246

**Cherry Canyon**  
 5332-5360.  
 Frac 4556-5360 w/327K# 16/30 (4/9/11)  
 Acidize w/ 6000 gal 15% HCl - (6/8/13)

Injection Perfs sqzd w/ 250 sx Cl C (3/13/14)  
 Injection Perfs re-sqzd w/315 sx Cl C (3/24/14)

Shot sqz perfs @ 5500' (3/31/11)  
 Sqz w/800 sx cmt. TOC @ 3750'-CBL (4/7/11) →

Shot sqz perfs @ 6000', unable to pump in. (2/19/11)  
 Sqzd perfs @ 6000' w/75 sx Cl C (4/17/14)  
 Re-sqzd perfs @ 6000' w/730 sx total Cl C (4/23/14)  
 Re-sqzd perfs @ 6000' w/300 sx total Cl C (4/24/14)

TOC @ 6760'-Temp Survey (per drlg rpt 4/25/97) →

**LOWER BRUSHY CANYON** (7/6/97)  
 7620' - 7671'  
 7/8/97: Acidized & Frac'd  
 8/11/97: 20 bo, 302 bw, 32 mcf  
 1/22/05: Sqzd w/150 sxs "C" Cement  
 1/25/05: Tst'd csg to 500 psi. 30 min. Ok.

**BONE SPRING** (1/18/05)  
 8725' - 8768'    2/2/05-acidized w/4000 gals 7.5% HCl

9428' - 9445'    1/19/05-acidized w/1500 gals 7.5% HCl  
 1/26/05-fracd w/130,290#

Attempted to sqz Bone Spring perfs. PU to 2800 psi, .25 bpm. Not enough rate to sqz. (4/11/14)

5" Liner top tagged @ 11705'

8-3/4" Hole  
7", 29#, P110, LTC, @ 12000'  
 Cmt'd 500 sx 1st stg; 1550 sx 2nd stg

**WOLFCAMP** (6/8/97)  
 12882' - 12984'    Wet

6-1/8" Hole  
5", 18#, @ 13627'  
 Cmt'd w/ 350 sx

TD @ 13627'

**Proposed:**  
 1. Spot 40 sx (110') Cl C cmt surface plug.  
 2. Cut wellhead off. Set dry hole marker.

**Proposed:**  
 1. Spot 40 sx (110') Cl C cmt @ 640'-750'. Tag TOC.

**Proposed:**  
 1. Spot 45 sx (125') Cl C cmt @ 875'-1,000'. Tag TOC.  
 (T.Salt @ 958')

**Proposed:**  
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 (B.Salt @ 4,296'; T.Bell Canyon @ 4,317)

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 1. Spot 30 sx (190') Cl C cmt @ 5,310' - 5,500'

**Proposed:**  
 1. Spot 30 sx (150') Cl H cmt @ 7,470' - 7,620'. Tag TOC.

**Proposed:**  
 1. Set CIBP @ 8,700'. Cap w/35' Cl H cmt. Tag TOC.

Cleaned out to 11,348' (4/29/14)

Capped w/ 2 sx cement  
 CIBP @ 11584' (7/4/97)

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**CURRENT WELLBORE SCHEMAT**

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NEW MEXICO OIL CONSERVATION DIVISION  
DISTRICT 2 OFFICE  
811 S. FIRST STREET  
ARTESIA, NM 88210  
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Devon

Well Name & Number: Cotton Draw Unit 81

API #: 30-015-29345

1. Produced water will not be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator, as well as the contractor, to verify that this permit is place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 1 year of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: 9-12-14

APPROVED BY: *RD*

## GUIDELINES FOR PLUGGING AND ABANDONMENT

### DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
  - Fusselman
  - Devonian
  - Morrow
  - Wolfcamp
  - Bone Spring
  - Delaware
  - Any Salt Section (Plug at top and bottom)
  - Abo
  - Glorieta
  - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).