

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061862
2. Name of Operator DEVON ENERGY PRODUCTION CO LP Contact: TRINA C COUCH Email: trina.couch@devn.com		6. If Indian, Allottee or Tribe Name
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-228-7203	7. If Unit or CA/Agreement, Name and/or No. 891005247E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T25S R31E NWSE 2600FSL 1500FEL		8. Well Name and No. COTTON DRAW UNIT 86
		9. API Well No. 30-015-29850-00-S1
		10. Field and Pool, or Exploratory PADUCA
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 Company, L.P. respectfully requests to plug back the subject well. Please reference the attachment for procedure, thank you.

Attachments:  
Procedure  
Wellbore Schematics

*need time line & plans for well afterwards.  
Operator never responded.*

Accepted for record  
NMOC D 10/27/14

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

OCT 27 2014

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #250742 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs Committed to AFMSS for processing by JENNIFER MASON on 07/09/2014 (14JAM0060SE)</b>		<b>RECEIVED</b>
Name (Printed/Typed) TRINA C COUCH	Title REGULATORY ANALYST	
Signature (Electronic Submission)	Date 06/25/2014	

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>REJECTED</i>	Title <i>Jennifer Mason</i>	Date <i>10/23/14</i>
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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



## CDU 86 Recompletion Activities

Michael Markmiller

Sundry #1 – Plugback Devonian and prep well for CBL.

### Procedure to Plug Devonian Zone and Test Mechanical Integrity of Remaining Wellbore

1. Notify BLM a minimum of 24 hrs prior to: Rigging up WSU; Setting CIBPs; Cementing/Tagging plugs operations and MIT testing for witnessing if necessary.
2. MIRU WSU.
3. Top kill tubing with 10 ppg Brine.
4. ND wellhead and NU 10K BOPE and test to rating.
5. Release seal assembly from 5-1/2", 20# Baker Model "DB" packer (**packer is a permanent set packer**).
6. TOH with existing 3 1/2", 12.95#, L-80 (AB mod) & 2-7/8", 6.5#, BTS-8 production tubing and seal assembly.
7. RU WL w/full lubricator; Make round trip GR/JB run to 5-1/2" Baker packer (Packer reported @ 16,365' KBM).
8. **Set 10K CIBP on top of 5 1/2" Baker Packer @ 16,365' KBM or depth found in step 7.** RD WL.
9. TIH with production tubing with tubing collar on bottom (hydro test tubing below slips while TIH) to 2' above CIBP.
10. Load and balance hole with 2% KCL.
11. **Set 25 sack Class H cement (16.4 ppg) plug on top/above CIBP @ 16,365' (calc cement plug from 16,365' KBM to ~ 16,155' KBM – 210').** Pull tbg to 15,900' and reverse circ clean with 2% KCL. WOC
12. Drop down and tag TOC.
13. If ok, pick up 2'. **Spot & balance in (150 bbls) 9 ppg mud from TOC ~ 16,155' KBM to ~ 12,055' KBM - 4,100')**
14. Pull bottom of tubing to 14,875' KBM. **Set a 101 sack Class H cement (16.4 ppg) plug.** (calc cement plug from 14,875' KBM to 14,250' KBM – 625'; note top of Morrow at 14,405'). Will need to displace cement plug in place with a flush consisting of 9 ppg mud and 2% KCL to balance. Pull tubing to 12,000' KBM and reverse circ clean with 2% KCL. WOC
15. Drop down and tag TOC.
16. If ok, pull bottom of tubing to 12,500' KBM. **Set a 115 sack Class H cement (16.4 ppg) plug.** (calc cement plug from 12,500' KBM to 12,050' KBM – 450'). Displace cement with 2% KCL. Pull tubing to 11,500' KBM and reverse circ clean with 2% KCL. WOC.
17. Drop down and tag TOC.
18. If ok, pick up 2' and reverse circ and balance hole with 2% KCL.
19. Pressure test 9-5/8", 47# & 53.5#, P-110 casing to 1,000 psi @ surface for 30 min. (chart record the 30 min pressure test).
20. TOH with production string.
21. Roundtrip 8-3/8" bit & casing scraper for 9-5/8" (47# to 53.5#) casing to ~ 12,000' KBM.
22. RU WL with packoff. Run radial CBL from current PBDT to surface. Make two passes with CBL. One pass with 0 psi and the second pass with 1,000 psi @ surface. RD WL.
23. RDMO WSU. Follow up work with a subsequent report to including test chart and logs to BLM.



**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: Cotton Draw Unit 86		Field: NW Paduca Devonian	
Location: Sec 12-T255-R31E; 2600' FSL & 1500' FEL		County: Eddy	State: NM
Elevation: GL - 3421' KB - 3451'		Spud Date: 3/27/1998	Compl Date: 8/24/1998
API#: 30-015-29850	Prepared by: Brad Crowdis	Date: 6/3/2010	Rev:

**CURRENT**

24" hole  
18 5/8", 87.5# K-55 @ 695'  
 Cmt'd w/ 1325 sx. Cement circulated.

17-1/2" Hole  
13-3/8", 68#, HCL-80 @ 4261'  
 Cmt'd w/ 3250 sx. Cement circulated

TOL @ 12133'

12-1/4" Hole  
9-5/8", 53.5# & 47# P-110 @ 12450'  
 Cmt'd w/ 3700 sx. Cmt to surface

**Check TOL's in well file, data not  
 in completion report. TOC per  
 CR is @ 3000'.**

3 1/2" 12.95# L-80 ABMOD (408 Jts) EOT @ 12953'  
 XO 2 7/8" BTS-8 x 3 1/2" ABMOD Box

TOL @ 14506'

8-1/2" Hole  
7 5/8" liner, 39# T-95 @ 14820'  
 Cmt'd w/ 550 sx. Cmt @ TOL

Backer Model "DB" pkr @ 16365'  
 2 7/8" 6.5" L-80 BTS (112 jts) EOT @ 16367'

5 1/2", 20#, P-110 @ 16436'  
 Cmt'd w/ 405 sx. Cement @ TOL

Devonian - Open hole 16470' - 16499'  
 8/19/98 - Acidized w/ 9 bbls 20% HCL & 19 bbls 3% KCL  
 5/30/01 - Acidized w/ 6500 gals 28% HCL w/ 200 scf/bbl N2

TD 16,499'



**DEVON ENERGY PRODUCTION COMPANY LP**

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Elevation: GL - 3421' KB - 3451'		Spud Date: 3/27/1998	Compl Date: 8/24/1998
API#: 30-015-29850	Prepared by: Michael Markmiller	Date: 6/18/2014	Rev:



**CURRENT**

24" hole  
18 5/8", 87.5# K-55 @ 695'  
 Cmt'd w/ 1325 sx. Cement circulated.

17-1/2" Hole  
13-3/8", 68#, HCL-80 @ 4261'  
 Cmt'd w/ 3250 sx. Cement circulated

Top of Upper Wolfcamp @ 11,650'

TOL @ 12133'

12-1/4" Hole  
9-5/8", 53.5# & 47# P-110 @ 12450'  
 Cmt'd w/ 3700 sx. Cmt to surface

Proposed:  
 115 sx Class H cement plug  
 (from 12050' to 12500' : 450' total)

9# Mud

Top of Morrow @ 14,405'

TOL @ 14506'

Proposed:  
 101 sx Class H cement plug  
 (from 14,250' to 14,875' : 625' total)

8-1/2" Hole  
7 5/8" liner, 39# T-95 @ 14820'  
 Cmt'd w/ 550 sx. Cmt @ TOL

9# Mud

Proposed:  
 Set CIBP atop existing permanent  
 Packer at 16,365'  
 Top with 25 sx Class H cement  
 (up to 16,155' : 210' total)

5 1/2", 20#, P-110 @ 16436'  
 Cmt'd w/ 405 sx. Cement @ TOL

Devonian - Open hole 16470' - 16499'

TD 16,499'