

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**NMOC-ARTESIA**

FORM APPROVED  
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

2. Name of Operator  
Devon Energy Production Co., LP

3a. Address  
20 North Broadway  
OKC, OK 73102

3b. Phone No. (include area code)  
(405)-552-7802

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NESE SL: 1900' FSL & 180' FEL BHL: 1650' FSL & 330' FWL  
Sec 29-T16S-R28E

5. Lease Serial No.

NMNM-54856

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.

Dickens 29 Federal 2H

9. API Well No.

30-015-37965

10. Field and Pool or Exploratory Area

Dog Canyon; Wolfcamp

11. Country or Parish, State

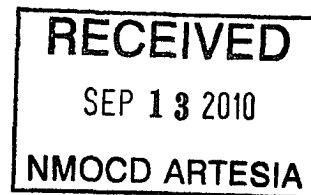
Eddy County, NM

**12. CHECK THE 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 checked="" type="checkbox"/> Other Change Procedure
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	for Cementing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Production Casing

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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 Co., LP respectfully requests permission to change the procedure for cementing production casing with well service unit; as per attached.



14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Stephanie A. Ysagaga

Title Sr. Staff Engineering Technician

Signature

Date 08/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

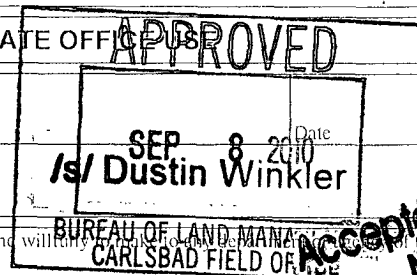
Title

Office

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.

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)



Accepted for record  
NMOC



Devon Energy Corporation  
20 North Broadway  
Oklahoma City, OK 73102-8260

405 235 3611 Phone  
www.devonenergy.com

August 18, 2010

U.S. Department of the Interior  
Bureau of Land Management  
Carlsbad, New Mexico

**RE: Proposed Procedure to Cement with Well Service Unit  
Dickens 29 Fed 2H  
Sec 29 T16S R28E  
API 3001537965**

**Devon respectfully proposes the following procedure to cement the production casing in the subject well with a well service unit.**

1. After setting and cementing 9 5/8" 36# J-55 LTC intermediate casing at ~2300', NU and test 5K BOPE (including HCR and remote kill line) according to BLM Onshore Order #2. Note: TOC surface and WOC time 8 hrs before cutting casing and NU BOP.
2. Test the formation below the casing shoe according to Onshore Order 2.III.B.1.i to an equivalent mud weight equal to the expected Wolfcamp reservoir pressure (9.0 ppg EMW).
3. Drill 8 3/4" curve and lateral to proposed TD of 11,278' as per APD and COA.
4. Ream hole as necessary and clean hole with high viscosity sweeps.
5. Make short trip and POOH laying down drill pipe.
6. RIH with 5 1/2" Peak open-hole packer system using 5 1/2" 17# HP-110 BTC casing. Position FO port collar with open-hole packer below at ~5,900'. Run 5 1/2" 17# HP-110 LTC above port collar. Note: Place top Peak packer at legal bottom hole location - at least 330' off lease line.
7. Displace casing with 2% KCL water. Drop 1" ball to close circulating sleeve. Hold 1,000 psig and check for leaks. Increase pressure to 1500 psig and set open-hole anchor and hold for 5 mins. Increase pressure and set all packers. Hold final pressure for 15 mins.
8. Perform 20K push-pull test on casing to confirm packers are set.
9. PU BOP and set slips on 5 1/2" casing. Make rough cut on 5 1/2" casing (hot work permit required). Lay down landing joint and make final cut on casing. Install 11" 5K X 7 1/16" 5K tubing head. Pressure test to 5,000 psig as per FMC and submit documentation to the BLM. Install taped blind flange (dry hole tree) with valve and pressure gauge in place. Install taped bull plug valve and gauge on 9 5/8"x 5 1/2" annulus. Note: Contact BLM (575-361-2822) immediately if pressure is observed on either pressure gauge during the rig move or before well service unit is rigged up.
10. RDMO drilling rig.

*Contact BLM*

11. Install pressure relief valves (150 psig set-point) on the casing and casing-casing annulus and flowline to frac tank.
12. Monitor pressure with chart recorder and check pressures every 12 hours. Attach charts and readings to subsequent Sundry.
13. Notify BLM when the well service unit is rigged up. Must be within 5 days of rig move off date.
14. RU well service unit. Check for pressure. NU 5K manual BOP equipped with a blind ram and a pipe rams (see attached diagram). Pressure test to BOP 4,500 psig. Note: if pressure observed on casing or casing-casing annulus, install a hydraulic BOP.
15. PU 5 1/2" RBP on 2 7/8" tubing and set at ~5950'. Spot 2 sacks sand on plug. POOH. RIH with shifting tool on tubing. Open port and establish circulation. Pump cement and circulate to surface. Note: Notify BLM 4 hours before pumping cement. If cement does not circulate, run temperature survey and contact BLM.
16. POOH with shifting tool. RIH and retrieve RBP. POOH laying down tubing.
17. RDMO well service unit.

Other Options if problems are encountered:

Option 1 - Hole conditions below 9 5/8" intermediate casing deteriorate.

1. Set 7" intermediate at ~5,700' and circulate cement to surface.
2. Drill 6 1/8" hole and kick-off at ~6,000'. Drill lateral to projected TD of ~10,600'.
3. Run and set 4 1/2" open-hole packer system on drill pipe and land on liner hanger.

Option 2 - Hole conditions at TD do not allow running 5 1/2" open-hole packer system with rig.

1. Condition 8 3/4" hole and spot viscous mud pill in lateral.
2. Run 5 1/2" float shoe, joint casing and float collar on 5 1/2" casing with DV tool at ~5,900'.
3. Cement well to surface. If cement does not circulate, run temperature survey and contact BLM.

Option 3 - Well service unit not available or location condition prohibits moving rig off in timely manner.

1. After installing tubing head, NU 5K hydraulic BOP with blind rams and 2 7/8" pipe rams. Pressure test to 4,500 psig.

2. RU wireline truck and set 5 1/2" RBP at -5950'. Dump bail 2 sxs sand on top of plug. RD truck.
3. RU 2 7/8" handling tools. RIH with shifting tool on tubing. Open port and establish circulation. Pump cement and circulate to surface. Note: Notify BLM 4 hours before pumping cement. If cement does not circulate, run temperature survey and contact BLM.
4. POOH with shifting tool. RIH and retrieve RBP. POOH laying down tubing.
5. RDMO drilling rig.

Sincerely,

Gregory McGowen  
Operations Engineer  
Devon Energy Corporation  
Western Division  
Phone: 405-228-8965  
Cell: 405-464-9769