

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC062391
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name
Contact: DAVID H COOK Email: david.cook@dvn.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7848	8. Well Name and No. KACHINA 5 FED/03
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T18S R33E NESW 1980FSL 1980FWL		9. API Well No. 30-025-31517-00-S2
		10. Field and Pool, or Exploratory CORBIN
		11. County or Parish, and State LEA 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 checked="" 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 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, LP respectfully requests approval to squeeze cement in the following interval:

Hole in casing at 5,020' to 5,054'.  
Top of cement @ 7,030' based off of CBL log on file  
Well isolated @ 9,407' and good test to 1,000 psi

- 1) Set Cement Retainer at 4,900'
- 2) Sting into retainer with 2-3/8", 4.7# Tubing
- 3) Establish injection rate
- 4) Squeeze suspected leak with up to 500 sacks of 14.8 ppg (1.33 yield) C cement + Fluid loss additives

HOBBS OCD

MAY 19 2014

RECEIVED

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #234885 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs Committed to AFMSS for processing by CHRISTOPHER WALLS on 03/18/2014 (14CRW0106SE)</b>	
Name (Printed/Typed) DAVID H COOK	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 02/07/2014

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

Approved By _____	Title _____
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 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 \*\***

MAB/OCD 5/19/2014

MAY 19 2014

**Additional data for EC transaction #234885 that would not fit on the form**

**32. Additional remarks, continued**

Casing Leak interval: 5020' to 5054'. (actual cement volume will be dependent on injectivity test)

5) Displace cement down tubing with fresh water within 1 bbl of retainer

6) Sting out of retainer

7) Reverse circulate cement flag and clean

8) Trip out of hole with tubing

9) 72 Hr shut down to set cement

10) Drill out cement retainer and cement

11) Test cement squeeze to 1000 psi at surface

12) Based on test results, re-squeeze if necessary

Please see the attached wellbore schematic.

**DEVON ENERGY PRODUCTION COMPANY LP**

Well Name: <b>KACHINA 5 FEDERAL 3</b>		Field: <b>SOUTH CORBIN</b>	
Location: <b>1980' FSL &amp; 1980' FWL; SEC 5, T18S, R33E</b>		County: <b>LEA</b>	State: <b>NM</b>
Elevation: <b>3972' GL</b>		Spud Date: <b>1/31/92</b>	Compl Date: <b>4/26/92</b>
API#: <b>30-025-31517</b>	Prepared by: <b>Ronnie Slack</b>	Date: <b>11/14/13</b>	Rev:

17-1/2" hole  
13-3/8", 48#, H40, STC, @ 478'  
 Cmt'd w/500 sx to surface

12-1/4" hole  
8-5/8", 32#, STC, @ 3100'  
 Cmt'd w/1650 sx

Csg Leak @ 5020-5054  
 Sqzd 500 sx CI C. Test to 1000 psi, pushed  
 retainer to 9407'---10/9/13

TOC @ 7,640' CBL-4/15/92

**BONE SPRING 2ND** (10/25/13)  
 8,802' - 8,820, 2 spf  
 (acidized w/2500 gals 15%, Frac w/51K#-11/2/13)

**BONE SPRING 2ND** (10/15/13)  
 9,071' - 9,090, 2 spf  
 (acidized w/8684 gals 15%, Frac w/51K# 30/50 & 20/40)

**BONE SPRING 3RD** (10/10/13)  
 9,320' - 9,330, 3 spf  
 (attempt acid job, no break @ 4500 psi)

**WOLFCAMP** (6/27/12)  
 9,623' - 9,757'

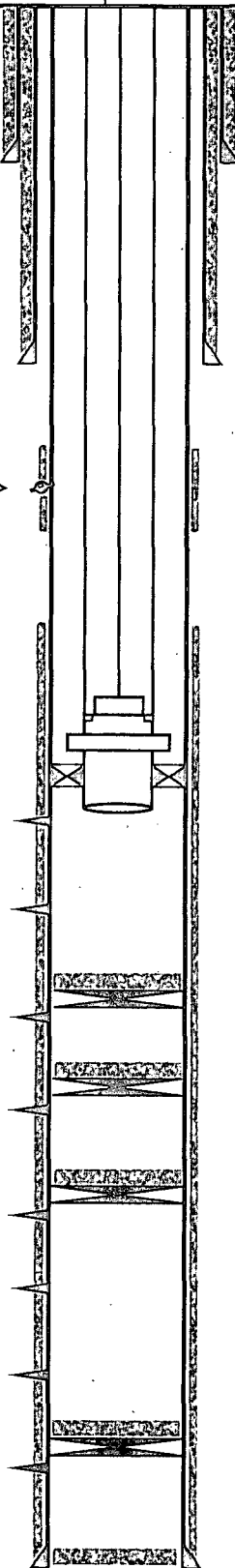
**WOLFCAMP** (9/26/08)  
 10736'-10740'; 10744'-10746'; 10761'-10771'

**WOLFCAMP** (9/26/08)  
 11020'-11050'; 11066'-11074'; 11104'-11122'  
 9/30/08:acidized 10736-11122 w/2400 gal 15% hcl, 9K gal gel 15%

**WOLFCAMP** (4/92)  
 11,220' - 11,263'

**WOLFCAMP** (4/92)  
 11,354' - 11,384'

7" Hole  
5-1/2", 17#, N80, LTC, @ 11,500'  
 Cmt'd w/800 sx



2-7/8", 6.5#, L80 production tubing  
 Mixed rod string: 7/8", 3/4", 1"  
 Rod Pump: 1-3/4" x 24'

SN @ 8,686'  
 Gas separator-37', 2-7/8 tbg-4'  
 On/Off tool  
Arrowset Packer @ 8,736'  
 Sand screen-24', 2-7/8 tbg-124', chem screen-24'  
 EOT @ 8,908'

9,240' PBD  
 CIBP @ 9,280' w/40' cmt. (10/15/13)

Tag TOC @ 9,407' (10/3/13)  
 CIBP @ 9,600' w/2.3 bbs cmt. (10/2/13)

10,641' PBD  
 CIBP @ 10,676' w/35' cmt. (6/27/12)

30' cement. 11,310' PBD  
 CIBP @ 11,340'

11,500' TD

**Kachina 5 Federal 3**  
**30-025-31517**  
**Devon Energy Production**  
**May 09, 2014**  
**Conditions of Approval**

**Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.**

**Work to be completed by August 09, 2014.**

- 1. Operator is approved to squeeze as proposed.**
- 2. Must conduct a casing integrity test to 1,000 psi for 30 minutes after squeeze job. Submit results to BLM. Notify BLM if test fails.**
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a **3000 (3M)** BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 9. Subsequent sundry required detailing work done. Operator to include well bore schematic of current well condition when work is complete.**

**JAM 050914**