

# NM OIL CONSERVATION

ARTESIA DISTRICT

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 06 2015

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		8. Well Name and No. RUSSELL 8 FEDERAL 1
2. Name of Operator DEVON ENERGY PRODUCTION CO LP Contact: ERIN WORKMAN Email: ERIN.WORKMAN@DVN.COM		9. API Well No. 30-015-31392-00-S1
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-552-7970	10. Field and Pool, or Exploratory BURTON FLAT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 8 T20S R29E NWNW 760FNL 660FWL		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 checked="" 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 recomplete 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 recompletion 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 Co., LP respectfully requests to plug back the Burton Flat Atoka, East (Gas) and recomplete to the Bone Spring with the following procedures:

- Plug back existing Atoka perfs setting a CIBP at 10,800' and cement plug to 10,570' per BLM requirements

-MIT the 5-1/2" csg to 500 psi at surface for 30 min with a 1000 psi chart recorder and submit results to BLM

-Run casing integrity log and CBL. Submit results to BLM, if approved proceed to step 4

Accepted for record

7/23/15

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #303302 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 06/18/2015 (15JAS0405SE)	
Name (Printed/Typed) ERIN WORKMAN	Title REGULATORY COMPLIANCE PROF.
Signature (Electronic Submission)	Date 05/28/2015
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 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 \*\*

**Additional data for EC transaction #303302 that would not fit on the form**

**32. Additional remarks, continued**

- \_Perforate the 3 BSS 9,020-9,144? OA
- \_RIH w/ packer and 3-1/2? frac string to 9,175? and test tubing and CIBP to max treating pressure
- PUH to 8,900?, set pkr and test annulus to 1000 psi
- Perform DFIT on 3 BSS perfs
- Frac 3 BSS
- Test production of 3 BSS
- POOH w/ 3-1/2? frac string
- Log across zone to check frac height
- Set CIBP at 8,900? and dump 2 sx of sand on top
- Perforate the 2 BSS 7,808-7,816? OA
- RIH w/ packer and 3-1/2? frac string to 8,800? and test tubing and CIBP to max treating pressure
- PUH to 7,700?, set pkr and test annulus to 1000 psi
- Perform DFIT on 2 BSS perfs
- Frac 2 BSS
- Test production of 2 BSS
- POOH w/ 3-1/2? frac string
- Log across zone to check frac height
- Set CIBP at 7,700? and dump 2 sx of sand on top
- Perforate the 1 BSS 6,886-7,062? OA
- RIH w/ packer and 3-1/2? frac string to 7,600? and test tubing and CIBP to max treating pressure
- PUH to 6,750?, set pkr and test annulus to 1000 psi
- Perform DFIT on 1 BSS perfs
- Frac 1 BSS
- Test production of 2 BSS
- POOH w/ 3-1/2? frac string
- Log across zone to check frac height
- Drill out all CIBPs at 7,700? and 8,900? (exposing 1st BSS, 2nd BSS and 3rd BSS) and put well on production

Attached: Current & Proposed Wellbore Schematic  
Revised C-102

proposed

DEVON ENERGY PRODUCTION COMPANY LP			
Well Name: RUSSELL 8 FEDERAL #1		Field: BURTON FLAT EAST	
Location: 760' FNL & 660' FWL; SEC 8-T20S-R29E		County: EDDY	State: NM
Elevation: 3296' KB; 3279' GL; 17' KB to GL		Spud Date: 12/27/00	Compl Date: 3/17/01
API#: 30-015-31392	Prepared by: Ronnie Slack	Date: 3/20/14	Rev: 4/28/14

Proposed WELLBORE

26" Hole  
20", 94#, X56, @ 415'  
 Cmt'd w/976 sx to surface

17-1/2" hole  
13-3/8", 48#, H40, STC, @ 1,336'  
 Cmt'd w/976 sx to surface

12-1/4" hole  
8-5/8", 32#, J55, LTC, @ 3,515'  
 Cmt'd w/1350 sx to surface

TOC @ 5614' (CBL) →

1st BSS  
 6,886-6,900'  
 6,929-6,947'  
 6,956-6,988'  
 7,011-7,024  
 7,035-7,062

2nd BSS  
 7,808-7,816'

3rd BSS F  
 9,020-9,030'

3rd BSS G  
 9,134-9,144'

ATOKA  
 10,812' - 10,816'  
 10,866' - 10,882'  
 10,886' - 10,902'

MORROW  
 11,255' - 11,258' (11/27/12)  
 11,264' - 11,270' (11/27/12)

MORROW  
 11,313'-11,336' (3/01)  
 11,345'-11,353' (3/01)  
 11,367'-11,382' (3/01)  
 11,434'-11,440' (11/07)  
 11,313'-11,526' (11/07)  
3/01-acid fraced 11313-382' w/1000 gals & 40k# 20/40  
 11/07-acidized 11434-11526 w/2000 gals 7.5%

MORROW (2/01)  
 11,625'-11,633'  
acidized 11625-633' w/1000 gals

7-7/8" Hole  
 5-1/2", 17# L80 suface to 4,257', 15.5# J55 4,257' to 10,012'  
 & 17# L80 From 10,012' to TD @ 11,730'  
 Cmt'd w/1350 Sx. TOC @ 5614' (CBL)

DV Tool @ 9,009'

25 sx cement, 10,570' PBD  
 CIBP @ 10,800'

25 sx cement, 10,982' PBD  
 CIBP @ 11,200'

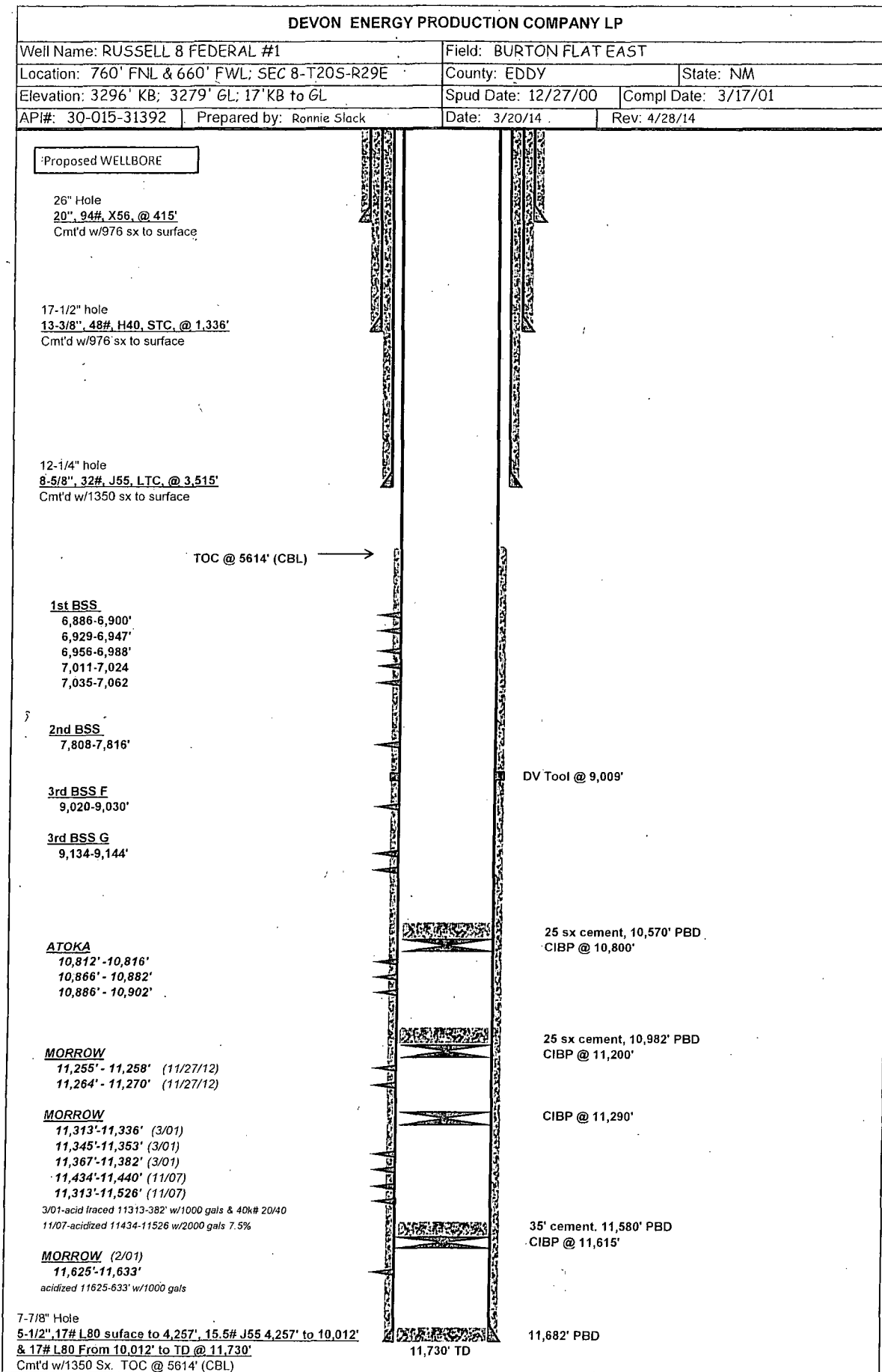
CIBP @ 11,290'

35' cement, 11,580' PBD  
 CIBP @ 11,615'

11,682' PBD

11,730' TD

proposed



**Russell 8 Federal 1  
30-015-31392  
Devon Energy Production Co., LP  
July 01, 2015  
Conditions of Approval**

**Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.**

**Work to be completed by October 01, 2015.**

- 1. Operator shall place CIBP at 10,762' (minimum 50' above top most perf) and place 25sx of Class H cement on top as proposed. WOC and tag.**
- 2. Operator shall place a solid Class H Cement plug from 9,222'-9,422' to seal the top of the Wolfcamp formation.**

**NOTE: Operator may combine step 1 and 2 placing a CIBP at 10,762' and enough cement to tag 50' above the Wolfcamp formation at 9,222'.**

- 3. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.**
- 4. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 5. Surface disturbance beyond the originally approved pad must have prior approval.**
- 6. Closed loop system required.**
- 7. 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.**
- 8. Operator to have H2S monitoring equipment on location.**

9. 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.

**10. Subsequent sundry required detailing work done and completion report with the new formation. Operator to include well bore schematic of current well condition when work is complete.**

**11. See attached for general requirements.**

**JAM 070115**

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**Permanent Abandonment of Production Zone Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.