

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.*

5. Lease Serial No.  
NMNM103878

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
RUSSELL 8 FEDERAL 1

9. API Well No.  
30-015-31392-00-S1

10. Field and Pool, or Exploratory  
BURTON FLAT

11. County or Parish, and State  
EDDY COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DEVON ENERGY PRODUCTION CO  
Contact: TRINA C COUCH  
Email: trina.couch@dmv.com

3a. Address  
333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)  
Ph: 405-228-7203

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 8 T20S R29E NWNW 760FNL 660FWL

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 Company, L.P. respectfully requests to abandon Morrow perms and recomplete up hole to Atoka.

Please see procedure and wellbore schematics attached, thank you.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

*Accepted for record  
LED NMDCD 9-2-14  
Provide C-102*

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

Electronic Submission #244368 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP. sent to the Carlsbad  
Committed to AFMSS for processing by CATHY QUEEN on 06/06/2014 (14CQ0199SE)

Name (Printed/Typed) TRINA C COUCH

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 05/05/2014

**APPROVED**  
AUG 18 2014  
*[Signature]*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.

**DVN: Russell 8 Fed 1**  
**API #30-015-31392**  
**Sec 8-T20S-R29E**  
**Eddy County, NM**

WBS#: TBD

**Purpose: Abandon Morrow perms and recomplete up hole to Atoka**

GLM: 3279'                      KBM: 3296'                      KB: 17'  
T.D. 11,730'                      PBTB 11,682'                      Well spud: 12/27/2000

**Casing and Tubing Data:**

Size	Wt. lb/ft	Grade	Interval	(75% S.F.) Collapse	(75% S.F.) Burst	Drift	Capacity (bbls/ft)
13-3/8"	48	H-40	0 - 1,336'	577	1297	12.56"	-
8-5/8"	32	J-55	0 - 3,515'	1897	2947	7.79"	0.0609
5-1/2"	17	L-80	0 - 4,257'	4710	5805	4.77"	0.0232
5-1/2"	15.5	J-55	4,257 - 10,012'	3030	3607	4.825	0.0238
5-1/2"	17	L-80	10,012 - 11,730'	4710	5805	4.77"	0.0232
2-3/8"	4.7	L-80	0 - 11,200'	8835	8400	1.90"	0.00387

**Safety:** All personnel will wear hard hats, safety glasses with side shields, and steel toed boots while on location. Assess wellhead working height for safety. If needed, use work platform or man-lift for fall protection.

**Russell 8 Fed 1 Recomplete**  
Procedure:

1. Notify all regulatory agencies prior to initiation of work (if required) and Devon EHS personnel. Hold tailgate safety meetings prior to RU each morning and before each operational change or event.
2. Test and/or install anchors. MIRU WSU. Spot necessary enclosed tanks, flare stack and temporary flow lines to equipment. Record pressures on tbg, and csg.
3. Blow down well if necessary. ND wellhead, NU 10K BOPE and test.
4. Pressure test annulus to 500psi, hold for 30 min, report any bleed off.
5. PU on prod string and unseat packer. TOH, LD string and packer.

6. PU 4-3/4" bit, bit sub, and scraper. RIH on rental tubing string tag CIPB at +/- 11,290'. TOH LD bit and scraper.
7. PU CIBP and RIH and set at ~~11,137'~~ <sup>11,200'</sup>. Pressure test CIBP to 500psi. TOH.
8. RU cement crew, spot 35' of cement on top of CIBP @ 11,137'. WOC. Test csg to 3,500 psi.
9. RU WL crew and perf following intervals, 6 SPF, 60 degree phasing.

10,902' - 10,886'		96 shots
10,882' - 10,866'	6 SPF	96 shots
10,816' - 10,812'	60 phasing	24 shots

10. RD WL crew. PU RIH workstring and 5-1/2" packer. Set packer at 10,750'. RU acid crew.
11. Pump acid job according to schedule below. 10,000 gal 15% HCl, over 5 stages with ball sealers for diversion between each stage. Max pressure is 3,500psi on csg. Displace with 65 bbl brine or prod water. TOH and LD rental string and packer. SI overnight.

	Acid (gal)
Stage 1	2000
Stage 2	2000
Stage 3	2000
Stage 4	2000
Stage 5	2000

12. Open well, fill tbg/csg, kill well if necessary. PU 2-3/8" seating nipple RIH on 2-3/8" 4.7#, L-80 production string. Testing in hole. Hang off at to 10,790'.
13. RD MOL WSU. MOL RU swab rig, swab well in. Turn over to production.

Contact	Company	Office #	Mobile #
Tommy Polly	Asst Prod Foreman	(575)748-0165	(575)748-5290
Ronnie Carre	Workover Foreman	(575)748-0179	(575)748-5528
Tony Bunch	Workover Foreman	(575)746-5581	(575)499-5432
Trevor Klaassen	Engineer	(405) 552-5069	(405) 850-5870

**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

~~PRODUCED~~  
CURRENT 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) →

DV Tool @ 9,009'

2-3/8", 4.7#, L80 production tubing

EOT @ 10,790'

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

35' cement, 11,102' PBD  
CIBP @ 11,137'

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

CIBP @ 11,290'

**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 traced 11313-382' w/1000 gals & 40k# 20/40  
11/07-acidized 11434-11526 w/2000 gals 7.5%

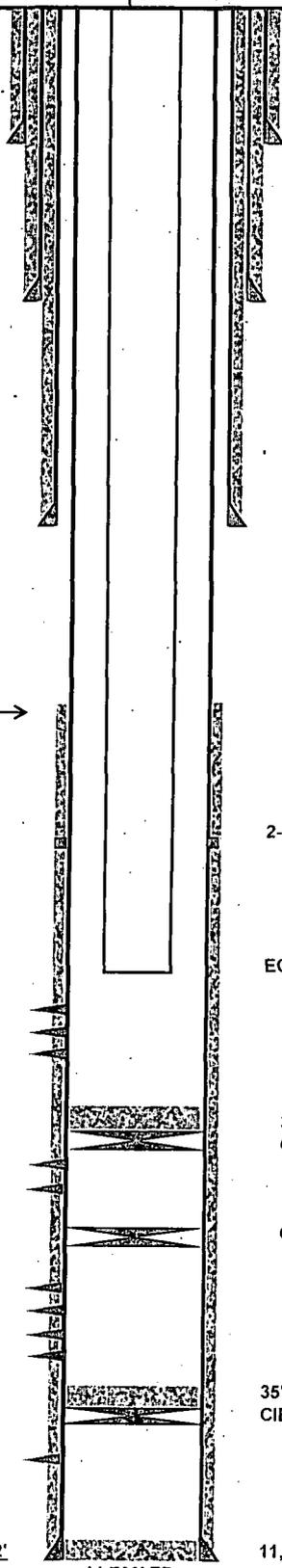
35' cement, 11,580' PBD  
CIBP @ 11,615'

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

7-7/8" Hole  
5-1/2", 17# L80 surface 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)

11,682' PBD

11,730' TD



**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
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**CURRENT 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) →

DV Tool @ 9,009'

**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)  
 11,516'-11,526' (11/07)

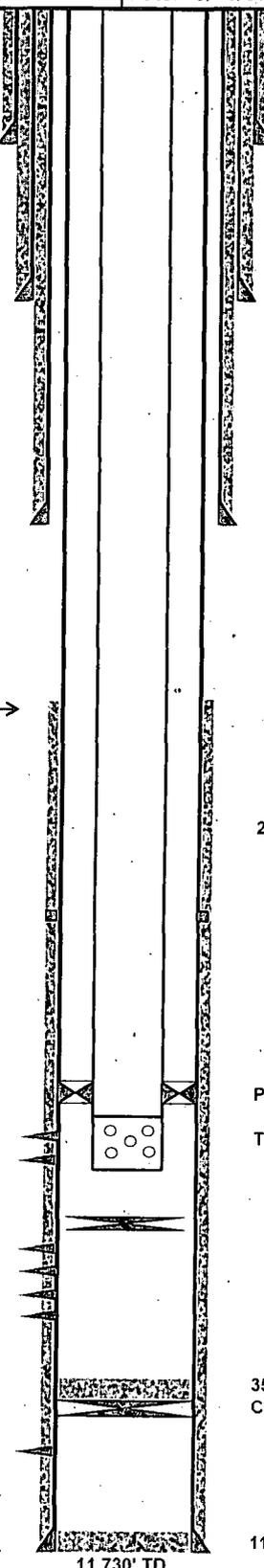
3/01-acid traced 11313-382' w/1000 gals & 40k# 20/40  
 11/07-acidized 11434-11526 w/2000 gals 7.5%

**MORROW (2/01)**

11,625'-11,633'

acidized 11625-633' w/1000 gals

7-7/8" Hole  
 5-1/2" 17# L80 surface 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)



2-3/8", 4.7#, L80 production tubing (11/27/12)

Packer @ 11,200 - 11,210' (11/27/12)

TCP Gun assembly. EOT @ 11,270' (11/27/12)

CIBP @ 11,290' (11/20/12)

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

11,682' PBD

11,730' TD

**Russell 8 Federal 1  
30-015-31392  
Devon Energy Production Co., LP  
August 08, 2014  
Conditions of Approval**

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

**Work to be completed by November 08, 2014.**

- 1. Operator shall place CIBP at 11,200' and place a minimum of 25 sx class H cement plug on top. Tag required at a minimum depth of 11,000'.**
- 2. 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.**
- 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 and completion report with the new formation. Operator to include well bore schematic of current well condition when work is complete.

10. See attached for general requirements.

**JAM 081814**

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

**General Requirements for Plug Backs**

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.**

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.

**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

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.