

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

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.

HOBBS OCD SEP 18 2017 RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well [] Oil Well [x] Gas Well [] Other
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: REBECCA DEAL
3a. Address 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88211
3b. Phone No. (include area code) Ph: 405-228-8429
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T22S R34E SESW 1000FSL 1620FWL 32.343689 N Lat, 103.478308 W Lon
5. Lease Serial No. NMMN100864
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. NMMN111768
8. Well Name and No. RIO BLANCO 33 FED 01
9. API Well No. 30-025-36359-00-S1
10. Field and Pool or Exploratory Area BELL LAKE
11. County or Parish, State LEA COUNTY, NM

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

Table with 2 main columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

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 recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Devon Energy Production Co. respectfully requests approval to abandon the Devonian formation and recomplate to the Atoka.

Current producing interval is 14,497-14,682? (open hole).

Proposed Procedure:

- Unset production packer at 14,468? and POH with tubing BHA
-RIH w/ WL and set CIBP at 14,397?; dump 35? cement on top of plug.
-Set CIBP at 12,700? to cover top of Morrow; dump 35? cement on top of plug.
-Perforate Atoka from 12,070-12,100? at 4 spf
-RIH w/ redressed packer, on/off tool and plug in place; WL set packer at 12,040?
-RIH w/ on/off tool and production tubing string; circulate annulus with packer fluid, latch onto

SUBJECT TO LIKE APPROVAL BY STATE

SEE ATTACHED FOR CONDITIONS OF APPROVAL

APPROVED

WITNESS

14. I hereby certify that the foregoing is true and correct. Electronic Submission #380568 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 07/17/2017 (17PP0433SE) Name (Printed/Typed) REBECCA DEAL Title REGULATORY COMPLIANCE PROFESSI Signature (Electronic Submission) Date 07/05/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By [Signature] 09/07/2017 Title TPET Date [] Office BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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.

(Instructions on page 2)

** BLM REVISED **

[Handwritten signature]

Additional data for EC transaction #380568 that would not fit on the form

32. Additional remarks, continued

- production packer, and test annulus
- Hang on tubing, NU production tree and test.
- Retrieve plug in packer and swab test
- Produce well and evaluate for acid stimulation
- If necessary, acidize perforations with 2500 gals 15% HCL
- Return well to production

Please see attached current and proposed wellbore schematics.

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: Rio Blanco 33 Fed #1		Field: Wildcat	
Location: Sec 33, T22S, R34E, 1000' FSL, 1620' FWL		County: Lea	State: NM
Elevation: 3407' GL		Spud Date: 9/19/03	Compl Date: 3/8/2004
API#: 30-025-36359	Prepared By: R. Slack		

■ ACTUAL

Hole size - 26"
20", 106.5# & 133#, J55, BTC @ 1763'
 Cmt'd w/ 3405 sx total. (Topped of w/ 100 sx)

Well sidetracked @ ~ 1862' around stuck drill pipe. (10/20/03)

17.5" hole
13-3/8", 68#, J55 & HCK 55, BTC @ 5135'
 Cmt'd w/ 3150 sx

Est TOC @ 7500'

Top of 7-5/8" liner @ 11678'

12-1/4" hole
9-5/8", 53.5# & 43.5#, P110 @ 11980'
 Cmt'd w/ 1320 sx

8.5" Hole
7-5/8", 39#, HCP-110, STL @ 14497'
 Cmt'd w/ 360 sx

DEVONIAN
 14,497' - 14,682'

Production Tubing Detail:
 0 - 4937': 2-7/8", 7.9#, L80, RTS-6
 ID: 2.323"; Drift 2.229"; OD- 3.438"

 4938' - 14467': 2-7/8", 6.5#, L80, EUE
 ID: 2.441"; Drift 2.347"; OD-3.668"

Survey Data:

- 4 deg @ 11230'
- 6 deg @ 11324'
- 9 deg @ 11419'
- 10 deg @ 11482'
- 6 deg @ 11608'
- 6 deg @ 11734'
- 5.5 deg @ 11848'
- 5 deg @ 11930'

Survey Data:

- 4 deg @ 12143'
- 3 deg @ 12440'
- 1.75 deg @ 12709'
- 2 deg @ 12778'
- 1 deg @ 13020'
- .25 deg @ 13330'
- 1.75 deg @ 13479'
- 2 deg @ 13868'
- 3 deg @ 14348'
- 3 deg @ 14497'

T-2 On/Off Tool w/ 1.875" F profile @ 14,467'
Arrow Set 1X Packer @ 14,468'
 6' tubing sub, 1.875" F profile
 4' tubing sub, 1.875" R w/ 1.82" no go
 pump out plug installed when run. Pumped out.
 WEG @ 14,489'

Open Hole Section from 14,497' to 14,682'

TD @ 14682' MD

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API#: 30-025-36359	Prepared By: L. Wilborn		

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20", 106.5# & 133#, J55, BTC @ 1763'
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Well sidetracked @ ~ 1862' around stuck drill pipe. (10/20/03)

17.5" hole
13-3/8", 68#, J55 & HCK 55, BTC @ 5135'
 Cmt'd w/ 3150 sx

Est TOC @ 7500'

Top of 7-5/8" liner @ 11678'

12-1/4" hole
9-5/8", 53.5# & 43.5#, P110 @ 11980'
 Cmt'd w/ 1320 sx

Proposed:

Atoka Perforations 12,070-12,100'

35' cement on top of CIBP
 CIBP @ 12,700'

35' cement on top of CIBP
 CIBP @ 14,167'

8.5" Hole
7-5/8", 39#, HCP-110, STL @ 14497'
 Cmt'd w/ 360 sx

DEVONIAN
 14,497' - 14,682'

Production Tubing Detail:	
0 - 4937':	2-7/8", 7.9#, L80, RTS-6 ID: 2.323"; Drift 2.229"; OD- 3.438"
4938' - 14467':	2-7/8", 6.5#, L80, EUE ID: 2.441"; Drift 2.347"; OD-3.668"

Survey Data:

- 4 deg @ 11230'
- 6 deg @ 11324'
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- 2 deg @ 12778'
- 1 deg @ 13020'
- .25 deg @ 13330'
- 1.75 deg @ 13479'
- 2 deg @ 13868'
- 3 deg @ 14348'
- 3 deg @ 14497'

T-2 On/Off Tool w/ 1.875" F profile @ 12,039'
Arrow Set 1X Packer @ 12,040'
 6' tubing sub, 1.875" F profile
 4' tubing sub, 1.875" R w/ 1.82" no go
 pump out plug installed when run. Pumped out.
 WEG @ 12,056'

Open Hole Section from 14,497' to 14,682'

TD @ 14682' MD

Conditions of Approval

**Devon Energy Production Company
Rio Blanco - 01, API 3002536359
T22S-R34E, Sec 33, 1000FSL & 1620FWL
September 07, 2017**

1. **Within 90 days of these conditions of approval for the processed Electronic Submission #380568 notice of intent begin wellbore operations.**
2. **Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location for this workover operation.**
3. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15.
4. **The communization agreement for this well (NM11768) does not include the Atoka pay. Amendments to that agreement may be necessary.**
5. Subject to like approval by the New Mexico Oil Conservation Division.
6. Before adding, replacing, or repairing casing or a liner, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
7. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
8. Surface disturbance beyond the existing pad shall have prior BLM approval.
9. Functional H₂S monitoring equipment shall be on location.
10. Blow Out Prevention Equipment shop tested to 10000 (10M) to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels or automatic locking devices) equipment installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) employed when needed for reasonable well control requirements.
11. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created during 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.
12. Notify BLM 575-393-3612 Lea Co as work begins. Some procedures witnessed.
13. The BLM PET witness is to run tbg tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.

14. Set cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft from the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx.
15. Class H > 7500ft cement plugs(s) will be necessary. For any "H" plug that requires a tag or pressure test a minimum WOC time of 8 hours required. Formation isolation plugs of Class "H" to be mixed 16.4#/gal, 1.06ft³/sx, 4.3gal/sx water.
16. Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.
17. **Set a CIBP as near as possible to the Devonian formation top at 14486' and pressure test the casing to 500psig.**
18. **Perform a 30 minute casing integrity test of 2000psig minimum.** Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 35 to 85 per cent of its full range. **Verify all annular casing vents plumbed to the surface and open during this pressure test. Call BLM 575-393-3612 Lea Co. and arrange for a BLM witness of that pressure test.** Include a copy of the chart with the subsequent sundry for this workover.
19. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from the 11678' taken with 0psig casing pressure to TOC. Attach the CBL to a pswartz@blm.gov email.**
20. **Set a balanced plug on the CIBP set as near as possible to the Devonian formation top of 14486'. WOC, and tag the plug with tbg at 14221' covering the formation top.**
21. **Set a balanced cmt plug across Morrow formation top from 12800 or below. WOC, and tag the plug with tbg at 12570' or above covering the formation top.**
22. **Perforate the Atoka formation as proposed.**
23. The subsequent report is to include stimulation injection pressures. Report maximum/minimum injection rate (BPM) and max/min stimulation injection pressures.
24. Submit a (BLM Form 3160-5 subsequent report describing (dated daily) all wellbore activity and the Mechanical Integrity Test. File intermediate Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
25. A BLM Well Recompletion Form 3160-4 and a NMOCD Form C-102 "Well Location and Acreage Dedication Plat" with updated information is necessary with the subsequent package when recompletion changes a well's Pool designation.
26. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
27. Submit evidence to support your determination that the well is in active "beneficial use" for BLM approval on the Sundry Notice Form 3160-5 within 90 days of this sundry's approval date.
28. Should "beneficial use" not be achieved submit for BLM approval a plan for P&A.

Operator: Devon Energy Production Company
Surface Lease: NM100864 **BHL: NM100864**
Case No: NM11768 **Communitization Agrmnt**
Subsurface Concerns for Casing Designs: Cap KFC
 Well Status: ReCmplt
 Spud date: 9/20/2003
 Plug'd Date:
 Reentry Date:

Well: RIO BLANCO 33 FEDERAL-1
API: 3002536359
@ Srfce: T22S-R34E,33.1000s1620w
@ M TD: T22S-R34E,33.1000s1620w
Estate: P/V/F
CWDW, R of W:
OCD Admn Order, date:
Frmtn, Depths, psig:

KB: 3429
 GL: 3407
 Corr: 22

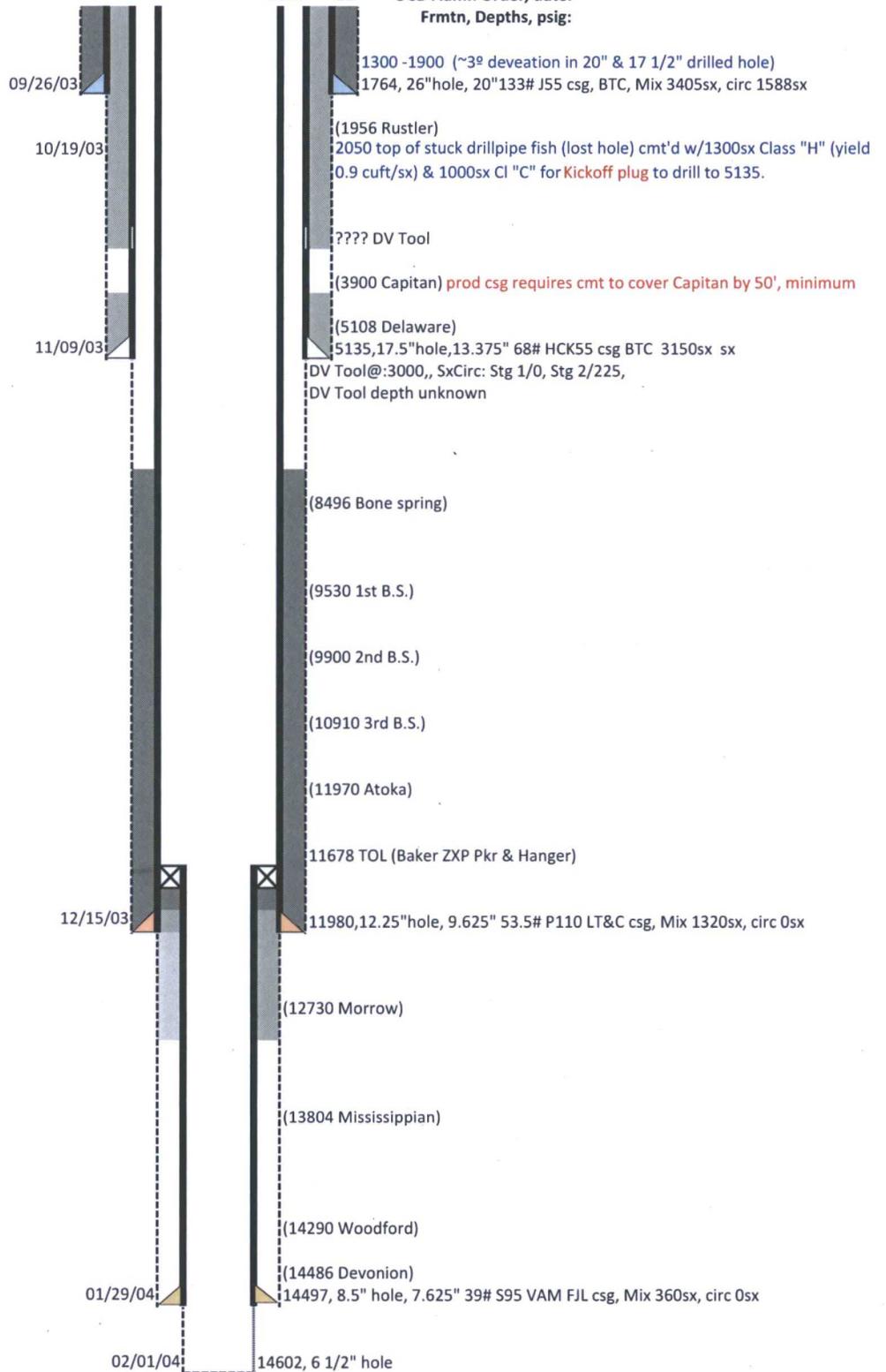


Diagram last updated: 09/07/2017