

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-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.

5. Lease Serial No.
NMMN-LC 069464-A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Arcturus 18 Federal 1

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

9. API Well No.
30-015-38237

3a. Address
20 North Broadway
OKC, OK 73102

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

10. Field and Pool or Exploratory Area
Hackberry; Bone Spring, NW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SL: NENE 400' FNL & 200' FEL BHL: NWNW 400' FNL & 340' FWL
Sec 18-T19S-R31E

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 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 checked="" 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 <u>Drilling Operations</u> | |
| | <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 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.)

01/07/11: MIRU. Set 20" 94# H-40 conductor @ 89'.

01/08/11: TD 17 1/2" hole @ 525'. Ran in w/12 jts 13 3/8" 48# H-40 ST&C csg set @ 525'. Cmt lead w/246 sx CI C, tail w/250 sx CI C. Circ 38 bbl cmt returns to surf. WOC 24 hrs.

01/10/11: Tst annular to 250 & 1500 psi - ok. Tst csg to 1210 - held 30 mins - ok.

01/17/11: Motor twist off; rotor, motor, bit @ 2,708' - 2,735'. Set cmt plug w/550 sx CI C cmt @ 2,233' - 2,708'. WOC 24 hrs

01/20/11: TD 12 1/4" hole @ 3,110'. Ran in w/71 jts 9 5/8" 36# J-55 LT&C csg @ 3,110'. Cmt 1st stage lead w/1200 CI C, tail w/300 sx CI C. Cmt to surf, 273 sx excess cmt. Displace w/frsh wtr, bmp plug w/1200 psi. Float held, maintain 100% circ. WOC 24 hrs.

01/21/11: Tst annular to 250 & 1500 psi 10 min - ok. Tst csg to 1500 - held 30 mins - ok.

01/22/11: Install rotating head, PU BHA, RIH to top of cmt @ 3,050'. CO cmt frm 3,050 to 3,070' (float collar @ 3,054'). Circ & PT csg to 1500 psi for 15 min - ok. CO remaining cmt, shoe @ 3,102'. Circ & Perf FIT to EMW of 9.0 ppg (97 psi) - 15 min.

02/13/11: TD 8 3/4" hole @ 13,275'. Ran in w/174 jts 5 1/2" P-110 17# LT&C csg & 124 jts 5 1/2" P-110 17# BT&C csg @ 13,250'. Shoe depth @ 13,250'. Cmt first stage w/850 sx CI H, tail w/1295 sx CI H cmt. Drop wiper plug, displace w/304 bbls mud. Drop DV shift tool, pressure up, shift DV tool open w/904 psi. Circ thru DV, approx 50 bbls cmt to surf. DV tool @ 4488' - 4491'. WOC 24 hrs.

02/14/11: Cmt 2nd stage lead cmt w/225 sx CI H, circ 62 sx to surf. Tail w/150 CI C. Drop closing plug & displace w/104 bbls H2O, close DV tool w/900 psi. Bleed off - ok. Full returns thru out, not cmt to surf. Nipple dwn BOP, related equip, BSA & rotating head, install wellhead cap. WOC 24 hrs.

02/14/11: Rig rlsd.

Accepted for record - NMOCD

5-26-11

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

Name (Printed/Typed)
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 04/06/2011

RECEIVED
MAY 11 2011
NMOCD ARTESIA

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

MAY 6 2011

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.

CARLSBAD FIELD OFFICE