

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.
USA NMNM LC 00065680
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

Devon Energy Production Co., LP

3a. Address
20 North Broadway
OKC, OK 73102

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

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25-T18S-R31E
SL: 252 FNL & 553 FEL BHL 400' FSL & 400' FEL ULO

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

8. Well Name and No
Serene Sisters 25 Federal 2H

9. API Well No
30-015-38313

10. Field and Pool or Exploratory Area
Tanner Hackberry; Bone Springs, NM

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

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Drilling Operations

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 recompleate 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 recompleation 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)

07/22/11: MI Butches; set 20" 94# H-40 conductor @ 90' in 26" hole. Cmt to surf; WOC 24 hrs.

07/24/11: Spud & TD 17 1/2" hole @ 1,003'. Ran in w/22 jts 13 3/8" 48# J-55 ST&C csg set @ 1,003'. Cmt w/605 sx CI C, tail w/250 sx CI C. Circ 75 bbls cmt to surf. WOC 24 hrs.

07/26/11: Tst csg to 1210 psi for 15 min - ok.

07/28/11: TD 12 1/4" hole @ 3,680'. Ran in w/65 jts 9 5/8" 36# J-55 LT&C csg & 12 jts 9 5/8" 40# J-55 LT&C @ 3,508'. Cmt lead w/300 CI C, tail w/850 sx CI Drop plug & displace w/wtr, bmp plug. Full returns w/100 bbls cmt to surf. WOC 24 hrs.

07/30/11: Tst csg to 1500 psi for 30 min - ok. Perform FIT @ 3,740' t/1500 psi for 30 minute test - good.

08/12/11: TD 8 3/4" hole @ 12,865'. Ran w/162 jts 5 1/2" 17# P-110 LT&C & 129 jts 17# BT&C csg @ 12,865'. DV tool @ 5,525-5,527'. Cmt 1st stage lead w/600 CI H, tail w/1260 sx CI H. Drop plug, displace w/wtr, floats held. Maintain full returns thru job. Drop bmb, DV shifted to open, circ 62 bbls cmt to surf. Left 2nd stage uncemented, run CBL. BLM contacted.

08/13/11: Rls rig.

Accepted for record - NMOCD

SEP 20 2011

RECEIVED

SEP 19 2011

NMOCD ARTESIA

ACCEPTED FOR RECORD

SEP 15 2011

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Stephanie A. Ysazaga

Title Sr. Staff Engineering Technician

Signature

Date 09/06/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

(Instructions on page 2)

Walls, Christopher

From: Jones, Steven <Steven.Jones@dvn.com>
Sent: Tuesday, September 13, 2011 12:57 PM
To: Walls, Christopher
Cc: Ysasaga, Stephanie
Subject: Serene Sisters 25 Federal 2H cement bond log
Attachments: CBL_SERENE SISTERS 25 FED 2H.pdf

Chris,

Attached is the cement bond log from the Serene Sisters 25 Federal 2H and a summary of operations.

This well was drilled by H&P #300 and casing was run in the well on 8/12/11. A two-stage cement job was planned and the first stage was pumped as designed, but when we dropped the dart and opened the DV tool the lift pressures were higher than expected. The service company circulated 62 bbls of cement to surface with their pumps before switching over to the rig pumps. The rig pumps circulated for 5 hours, but it was later discovered that a valve was washed out at surface and the rig pumps were only circulating across the wellhead. When the service company rigged back up to pump stage 2 we pressured up to 2200 psi and could not pump down the casing. We concluded that we would not be able to pump stage 2, at which point the rig contacted Cheryl de Montigny. She instructed us to update the BLM once the completion rig is in place.

We rigged up the completion unit on 8/25 to drill out the DV tool and run the cement bond log. We were initially surprised to find a good cement bond from the kick-off point to 1070' from surface since we should not have had any cement above the DV tool. We've concluded that we never actually opened the DV tool but were instead pumping out the float shoe and displacing cement from the lateral. This would explain why lifting pressures were high and why we could not pump into the casing for stage 2, presumably because cement was setting up. We realize that we likely have poor cement through at least a portion of the lateral, but we feel that the cement bond in the vertical section (as evidenced by the CBL) is sufficient to provide pressure isolation without need of further remediation. We appreciate your quick review.

Thank you,

Steven Jones
Operations Engineer
Western Division - PBNM

Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102
405 552 7994 Direct
405 596 8041 Mobile



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