

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30 - 015 - 00903

13. Indicate Type of Lease
STATE ☒ FEE ☐

13. State Oil & Gas Lease No.

B-10456

7. Lease Name or Unit Agreement Name

Empire Abo Unit "R"

8. Well Number

6

9. OGRID Number

000778

10. Pool name or Wildcat

Empire Abo

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

BP America Production Company

3. Address of Operator

P. O. Box 1089 Eunice, New Mexico 88231

13. Well Location

Unit Letter F : 1650 feet from the North line and 1650 feet from the West line
Section 16 Township 18S Range 27E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3484' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

13. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company proposes, prior to the final abandonment of this wellbore, to perform Research & Development tests to determine the vertical integrity of the cement bond between the production casing and the formation. These tests will involve running a GR-CBL, perforating non-productive intervals at approximately 15' intervals, isolating between perfs with a wireline set / retrievable packer and then pressure testing to determine if communication occurs between perfs. This test will be performed a total of four times and the anticipated intervals will be between 4450' - 5365'. Following the conclusion of testing operations, the wellbore will be P&A; testing and abandonment plans are outlined by the following attachments:

- Summary Procedures for Testing and Abandonment;
- Wellbore Schematics depicting the Current Status and the Proposed P&A Plan

Upon approval of this NOI it replaces the C-103 submitted 7/15/09 and approved by the NMOCDD on 7/17/09 for the abandonment of this wellbore.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE M. D. Westmoreland TITLE Wells Operation Superintendent DATE 10 / 27 / 09

Type or print name M. D. Westmoreland E-mail address: dan.westmoreland@bp.com Telephone No. 432 / 688-5245

For State Use Only

APPROVED BY: [Signature] TITLE Approval Granted providing work DATE 11/4/09

Conditions of Approval (if any):

is complete by 3/7/10

Attachment to NMOCD Form C-103 dated 10/27/09

BP America Production Company

Empire Abo Unit "R" #6

1650' FNL & 1650' FWL

Section 16 – T18S – R27E

Eddy County, New Mexico

API No. 30-015-00903

Summary Procedure for Testing and Abandonment

1. Test csg from surface to 5433' PBD to 700 psi, remove WH equipment and install 2 - 5000 psi full-opening valves. RU Schlumberger and run CBL - "Isolation Scanner Tool" log from approximately 5433' PBD to 1400'.
2. Perf 2' intervals at approximate depths of 5350' & 5365', run WL set / retrievable packer with memory pressure gauges and carrier; set packer between perfs, pressure wellbore to 700 psi and monitor for 24 hours for changes in BHP. Fish / recover WL packer and download pressure information from gauges - evaluate for communication between perfed intervals. Repeat this pressure - monitoring test three times at these approximate depths: 5150' & 5165' 4850' & 4865' and 4450' & 4465'. (Note: final perf depths to be determined after evaluating data from Schlumberger CBL - Isolation Scanner Tool survey.)
3. MIRU PU. Install BOP and test to 500 psi. TIH with tubing and set abandonment plugs as listed below.
 - Spot 70 sx Class "C" from 5433' – 4400' across test perfs between 5350' – 5365'. WOC and tag plug - must be 4400' or higher; if plug top is OK, circulate and load hole with mud laden fluid (9.0 ppg minimum with 1250# gel / 100 BW) otherwise, re-spot and re-tag plug as needed.
 - Spot 25 sx Class "C" from 3150' – 2790' across top of Glorieta @ 3029'. WOC & tag, must be 2979' or higher.
 - Spot 110 sx Class "C" from 1565' – surface (volume is approximated - circulate until good cement returns to surface). This provides plug across the 8 5/8" surface casing shoe @ 1511', across top of Queen @ 782' and sets top plug.
4. Cut-off casings and wellheads to 3' below ground level and install regulation Dry Hole Marker.
5. Cut anchors to 3' below ground level, clean location and notify NMOCD when site is ready for final inspection.

Spud RR	Event Date
	7/1/60
	7/23/60
	7/4/60
	Dec, 1963
	3/10/79
	7/21/60