## OCD-ARTESIA

Form 3160-5 (August 2007)

1. Type of Well

Oil Well

✓ Subsequent Report

(Instructions on page 2)

Final Abandonment Notice

Gas Well

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** 

FORM APPROVED OMB No 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

NMLC065478-B

Other

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**SUNDRY NOTICES AND REPORTS O** Do not use this form for proposals to drill abandoned well. Use Form 3160-3 (APD) fo

Other

Casing Repair

Convert to Injection

Change Plans

DRY NOTICES AND REPORTS ON WELLS	6. If Indian, Allottee or Tribe Name
e this form for proposals to drill or to re-enter an	10. It finding Anotice of Tribe Name
well. Use Form 3160-3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE - Other instructions on page 2.	7. If Unit of CA/Agreement, Name and/or No NMNM70945X
Gas Well Cother	8. Well Name and No.

Recomplete

Water Disposal

Temporarily Abandon

Empire Abo Unit "N" #11 NMOCD ARTESIA 2. Name of Operator 9. API Well No. **BP America Production Company** 30-015-00856 3a. Address 3b. Phone No. (include area code) 10. Field and Pool or Exploratory Area P. O Box 1089 Eunice, New Mexico 88231 Empire Abo 575 / 394-1650 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. Country or Parish, State 1650' FNL & 2310' FEL (Unit Letter "G") Section 10 - T18S - R27E Eddy County, New Mexico 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Notice of Intent Well Integrity Alter Casing Fracture Treat Reclamation

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 must 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 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.)

New Construction

✓ Plug and Abandon

Plug Back

O BP America Production Company has completed the downhole abandonment operations as summarized below (WB Schematic depicting final abandonment is also attached):

MIRU Key Energy Services Rig #95 and ancillary equipment on 3/25/10. POH & LD rods and pump. Killed well, ND wellhead & installed BOP. Tested BOP to 500 psi, OK. Released TAC, POH & LD all production tubing. TIH w/ 41/2" CIBP on workstring and set @ 5820' = 62' above top perf. Tested CIBP & 41/2" casing to 500 psi, OK. Spotted 25 sx Class "C" cement onto top of CIBP; Abo plug set on 4/5/10 from 5460' - 5820'. Pulled above cement and circulated hole w/ 9.0 ppg mud laden fluid. LD tubing to 4750' and spotted 25 sx. Class "C" across remedial cementing perfs and casing patch at 4690' & 4635' respectively. POH w/ tbg and LD CIBP setting tool. TIH w/ tbg & tagged plug @ 4283', isolation plug set on 4/6/10 from 4293' - 4750'. LD tubing to 3300' and spotted 25 sx cement across top of Glorieta 🏿 3217'. Pulled above cement and WOC overnight, TIH w/ tbg on 4/7/10 & tagged plug 🕲 2898'. Solorieta plug set on 4/6/10 from 2898' - 3300'. POH & LD tog to 1555', mixed & pumped 110 sx. Class "C" and had good cement slurry returned to surface. POH & LD tubing to 70' and re-filled casing to surface with cement; this set plug across 8 5/8" surface casing shoe @ 1505', across the top of the Queen @ 1435' and provided the top plug; final plug in-place and downhole abandonment operations completed on 4/7/10. On 4/13/10, cut off wellheads and casings to 3' below ground level and installed regulation Dry Hole Marker. A "Final Abandonment Notice" will be submitted after the location has been reclaimed and ready for inspection.

Accepted as to plugging of the well bore. Liability under bond is retained until Surface restoration is completed. hereby certify that the foregoing is true and correct Name (Printed/Typed) M. D. Westmoreland Title Wells Operations Superintendent M. Is. Wal Date 04/14/2010 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE Approved by 2 4 2010 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 Office entitle the applicant to conduct operations thereon

Title 18 USC Section 1001 and Title 43 USC Section 1212, make it a crime for any person knowingly and willfully to make to ahy/departing

fictitious or fraudulent statements or representations as to any matter within its jurisdiction

Empire Abo Unit "N" #11 API No. 30-015-00856 Federal Lease Serial No. LCO654788 1650' FNL & 2310' FWL Sec 10 - T18S - R27E Set 10 - 1163 - 1272 Eddy County, New Mexico Drilled by pan American Petroleum Corp as th USA Malco Refineries "D" #5 Final P&A April 13, 2010 RKB RKB 14' GL 3471' Date 2/4/60 Replaced top 32" of 8 5/8" surface Spud Completed P&A 3/3/60 casing - 4/27/77. Cellar filled w/ 5 4/9/10 Life of Well 18,327 days vds redi-mix. Replaced ring gasket below TH in 9/80. 8 5/8" Shoe - Queen - Top Pluq 0" - 1555" 110 sx Class "C" Plug set 4/7/10 Perf 975' - 977' w/ 2 SPF, set CR & cmt'd 8/30/79 annulus w/ 250 sx "C" w/ 2% CaCl2 - circ 43 sx to surface TOC @ 1040' by CBL Queen 1435' 8 5/8" 24# J-55 @ 1505' w/ 700 sx, circ to surface 2/7/60 San Andres 1845 Glorieta Plug 2898' - 3300' 25 sx Class "C" Plug set 4/6/10 & tagged 4/7/10 Gloneta 3217 Isolation Plug
4283' - 4750'
25 sx Class "C" across remedial cementing perfs & csg patch.
Plug set & tagged 4/6/10 Cut 41/2" csg @ 4635' & pulled - replaced corroded its and re-ran 41/2" 9 5# K-55 STC w/ Bowen csg bowl w/ lead seals 5/25/74 Remedial cmtg perfs at 4690' - 4691' 4 SPF Perfed @ 4690' & cemented w/ 730 sx HLW w/ 1/4 pps flocele, 400 sx "C" neat & 200 sx "C" w/ 2% CaCi + 5 pps salt Had full returns for 750 sx, diminished returns thereafter and no returns at end of job Ran TS, TOC = 1010' Abo Pfuq 5460' - 5820' Set CIBP @ 5820' & capped v 25 sx Class "C" Plug set 4/5/10 TOC @ 5500' by TS 5882' - 5890' 5896' - 5904' & 5910' - 5916 11/13/06 5925' - 5929' 5933' - 5936' & 5940' - 5944' 5/31/74 w/ 1 SPF CR @ 5958 § 5972' - 5994' w/ 4 SPF Perfs squeezed w/ 500 bbl Injectrol "G", 100 sx "H" w/ 0 6% Halad 9 & 50 sx "H" w/ 10 pps sd 6/2/74

4 1/2" 9 5# J-55 @ 6,172' (7-7/8")

w/ 270 sx, TOC @ 5500' by TS

3/4/60

DCD 4/14/10

6138' PBD 6172' TD