

**N.M. Oil Cons. DIV-Dist. 2**  
**1301 W. Grand Avenue**

Form 3160-5  
(April 2004)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**Artesia, NM 88210**

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

Month - Year  
MAR - 5 2007  
OCD - ARTESIA, NM

**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.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

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

2. Name of Operator  
**BP America Production Company**

3a. Address  
**P. O. Box 1089 Eunice, New Mexico 88231**

3b. Phone No. (include area code)  
**505-394-1649**

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

**330' FNL & 653.07' FEL Unit Letter "A"  
 Section 11 - T18S - R27E**

5. Lease Serial No.  
**LC-067858**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Empire Abo Unit / NM-70945**

8. Well Name and No.  
**Empire Abo Unit "M" #16**

9. API Well No.  
**30 - 015 - 00869**

10. Field and Pool, or Exploratory Area  
**Empire Abo**

11. County or Parish, State  
**Eddy County, New Mexico**

**12. CHECK 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

MIRU Key #95 on 1/13/07 - SD for weather until 1/16/07. Installed BOP, loaded hole w/ 65 bbl brine and tested BOP & 4 1/2" casing w/ 500 psi, OK. TIH w/ 2 3/8" tbg, tagged btm @ 6042'. POH w/ tbg & ran CBL across top of Glorieta @ 3514' and across surface casing shoe @ 1495'. CBL indicated good bond across Glorieta & no cement at surface casing shoe. SD due to weather from January 19 - 24, 2007. On 1/24/07, TIH w/ tbg to btm @ 6042' & loaded hole with 9.5 ppg mud laden fluid to 3586'. Pulled tbg to 3586' & spotted 25 sx cement across top of Glorieta @ 3514'. TOH and WOC overnight. TIH w/ tbg & tagged plug @ 3186'. Glorieta plug set from 3186' - 3586' = 400'. Circ'd & loaded hole w/ 9.5 ppg mud laden fluid to surface. POH w/ tbg, RU WL & perfed 4 squeeze holes @ 1545' = 50' below 8 5/8" surface casing shoe. Ran pkr & set @ 1518', tried to break down perfs & had circ to 8 5/8" x 4 1/2" annulus. Tried to reset pkr at several depths but continued to have communication until setting above 719'. Discussed with BLM representative and received approval to spot cement from 1585' to 700', WOC and tag. TIH w/ tbg to 1585', spotted 80 sx cement, POH w/ tbg, loaded casing w/ mud & squeezed 12 sx into perfs w/ 950 psi. Shut well in over weekend & WOC. On 1/29/07, TIH w/ tbg & tagged cement @ 1485', discussed with BLM and received approval to re-spot plug. Spotted 60 sx cement @ 1485' and squeezed approx 8 sx away. POH & WOC 3 hrs - TIH & tagged cement @ 595'. Surface casing shoe plug set from 595' - 1585' = 990' plug. Tested casing 0' - 595' w/ 1200 psi, OK. On 1/30/07, RU WL & perfed 4 squeeze holes @ 360' (to isolate top of Yates @ 224'). Pressured casing to 1500 psi but could not pump into perfs. Discussed w/ BLM and received approval to spot cement plug inside casing from 435' back to surface. TIH w/ tbg to 435', mixed & pumped 35 sx cement and circulated cement back to surface. Yates plug and top plug set from 0' - 435'. Removed BOP, cut off WH's to 3' below GL & installed regulation Dry Hole Marker. P&A operations completed 1/31/07. (Note: all changes to P&A Sundry approved 9/18/06 were approved by Clark Bennett or Terry Wilson w/ BLM.)

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

**D. C. Dodd**

Signature

*[Signature]*

Title Agent for BP America Production Company

Date

**02-09-07**

**Accepted for record**  
**NMOCB**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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.

Title

Office

Date

**MAR 1 2007**

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)

**ACCEPTED FOR RECORD**  
**FREDERICK WRIGHT**  
**PETROLEUM ENGINEER**

# **Empire Abo Unit "M" #16**

Empire Abo Field

API No. 30-015-00869

330' FNL & 653' FEL  
Sec 11 - T18S - R27E  
Eddy County, New Mexico

## **Final Abandonment Status**

Event  
Date

RKB 14'  
GL 3603'

### **Top Plug & Yates Plug**

0' - 435'  
35 sx

Yates 224'

Spud 7/1/59  
Completed 7/30/59

Perfed @ 360', unable to pump into holes.  
Set inside plug.

1/30/07

Perf 4 1/2" casing w/ 4 shots @ 750'  
Cmt'd w/ 160 sx "H", cmt circ to surface

8/25/86

### **Surface Shoe Plug**

595' - 1585'  
140 sx - 2 Stages  
TAGGED 1/29/07

8 5/8" 24# J-55 @ 1495'  
Cmt w/ 500 sx Incor w/ 2% gel, 100 sx "neat"  
Cmt not circulated, 1" from 75' w/ 125 sx  
"neat" & brought to surface

7/5/59

Perfed @ 1545', unable to pump into holes.  
Set inside plug (two stages)

1/25/07

### **Glorieta Plug**

3186' - 3586'  
25 sx  
TAGGED 1/29/07

Glorieta 3514'

TOC @ 5440'  
on primary job

Perf casing w/ 4 shots @ 5400'  
Cmt'd w/ 800 sx "H" w/ 4% gel, 345 sx "H" neat  
TOC @ 818' by TS  
LC after 400 sx. TS indic TOC  
at 818' for lead & TOC at 1729'  
for tail.

8/23/86

CIBP @ 6130', capped w/ 35' cement

10/25/04

6161' - 6166' 2 SPF 10 holes  
Acidize w/ 500 gals 15%

8/2/59

4 1/2" 9.5# J-55 @ 6211'

8/1/59

Cmt w/ 145 sx POZ / Incor  
TOC @ 5440' by Pipe Recovery Log dated 8/21/86

PBD 6173'  
TD 6211'