

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. <b>30 - 015 - 03189</b>
13. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
13. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>Empire Abo Unit "B"</b>
8. Well Number <b>46</b>
9. OGRID Number <b>000778</b>
10. Pool name or Wildcat <b>Empire Abo</b>

13. Well Location  
Unit Letter **F** : **2310** feet from the **South** line and **1254** feet from the **West** line  
Section **30** Township **17S** Range **29E** NMPM **Eddy** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**3634' 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 OPNS. ☐ 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 proposes to P&A wellbore as follows and as depicted in the attached wellbore schematic:

1. MIRU PU. Remove production equipment from wellbore. **TAG**
2. TIH with CIBP on tbg & set @ 5975'. Spot 25 sk Class "C" on top of CIBP, estimated top of cement @ 5730'. Circ hole w/ 9.5 ppg mud laden fluid.
3. Spot 40 sx Class "C" from 3840' - 4225' (across top of Glorieta @ 3923' and squeeze job from 4143' - 4173') WOC & tag.
4. Spot 25 sx Class "C" from 1530' - 1770' (across top of Queen @ 1650').
5. Perforate 5 1/2" casing @ 850' = 50' below top of Yates and 124' above 8 5/8" surface casing shoe @ 726'. Establish circulation down 5 1/2" casing and out 8 5/8" x 5 1/2" annulus. Cement 5 1/2" casing and the 8 5/8" x 5 1/2" annulus from 850' to surface and leave 5 1/2" casing full of cement (estimated to require 230 sx of Class "C")
6. RD PU.
7. Cut casing off 3' below ground level. Install regulation dry hole marker and prep location for final inspection.

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE Agent for BP America Production Company DATE 4/28/08

Type or print name D. C. Dodd E-mail address: dan.dodd@bp.com Telephone No. 432 / 688-5207

For State Use Only

APPROVED BY:  TITLE Gerry Guye DATE APR 30 2008  
Conditions of Approval (if any): Compliance Officer

# Empire Abo Unit "B" #46

Empire Abo Field

API No. 30-015-03189

2310' FNL & 1254' FWL

Sec 30 - T17S - R29E

Eddy County, New Mexico

Originally drilled by Continental Oil Company as the  
State "S-30" #2

## P&A Plan

### Top Plug & Yates Plug

Perf @ 850' & circ cmt  
to surface in annulus.  
Leave 5 1/2" full of  
cement.

Est 230 sx

Yates 800'

7 Rivers 1046'

### Queen Plug

1530' - 1770'  
25 sx

Queen 1650'

Grayburg 1980'

San Andres 2361'

### Glorieta Plug

3840' - 4225'  
40 sx  
TAG

Glorieta 3923'

TAG

### CIBP @ 5975'

Capped w/ 25 sx  
5730' - 5975'

Abo 5966'

Abo Reef 6212'

### CIBP Remains

Junk or fill  
@ 6323'

RKB 3653'  
GL 3643'

### Wellhead

National Type "E" 8 5/8" 8R

Spud  
TD

Event  
Date

7/1/61  
7/19/61

8 5/8" 24# @ 726'  
Cmt'd w/ 350 sx - circ'd to surface

7/1/61

TOC = 1350' by TS

7/20/61

Squeezed csg leak 4143' - 4173' w/ 50 sx

9/1/98

Perfed & fraced Abo Green Shale 6002' - 6118'  
Placed on rod pump

9/3/98

Perf & test 6084' - 6090' & 6108' - 6114'. Set  
CIBP & TA well

10/20/88

CIBP @ 6198' w/ 35' cmt  
Perfed and tested 6240' - 6244' and then perfed  
and tested 6216' - 6222'

10/12/88

10/7/88

6276' - 6300' w/ 2 JSPF Acidized w/ 500 gal  
15%. OPT = 192 BO, 8 BW & 243 MCFPD  
Squeezed w/ 250 sx "C". Drill out to 6288' &  
re-perf 6273' - 6284'.

July, 1961

4/1/69

5 1/2" 14# & 15 5# J-55 @ 6353'  
Cmt'd w/ 500 sx cmt + 50 gals Latex  
TOC @ 1350' by TS

7/20/61

6327' PB  
6353' TD

<p align="center"><b>Empire Abo Unit "B" #46</b>  Empire Abo Field</p> <p align="center">API No. 30-015-03189</p> <p align="center">2310' FNL &amp; 1254' FWL  Sec 30 - T17S - R29E  Eddy County, New Mexico</p> <p align="center">Originally drilled by Continental Oil Company as the  State "S-30" #2</p>
--

<b>Present Status</b>
as of 12/4/03

RKB	3653'
GL	3643'

