

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

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 - 01733
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Empire Abo Unit "F"
8. Well Number 38
9. OGRID Number 00778
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 OR ABANDON 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

4. Well Location
Unit Letter **F** : **1650** feet from the **North** line and **1650** feet from the **West** line
Section **35** Township **17S** Range **28E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3681' GL

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 _____

12. 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: Option to P&A if workover is unsuccessful ☒

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.

This well failed its MIT and BP America proposes to test potential of Abo zone and (1) repair well bore if test proves well is economical or (2) P&A well bore if workover is unsuccessful. Proposed plan for this work: (see attached well bore schematic for additional detail)

- MIRU PU, run CBL to locate top of cement on 5½" production casing. Locate & evaluate leak in 5½" casing.
- Knock out CIBP @ 6218' & test existing Abo perms from 6246' - 6254'.
- Test additional Abo pay by perfering from 5918' - 5996' (76' gross & 36' net) & acidizing w/ 2500 gals 15% HCl.
- Place on pump if existing or new perms prove well to be economical. If workover is unsuccessful, P&A as follows:
 - Set CIBP @ 5865', circ hole with mud laden fluid & cap CIBP w/ 25 sx cement. Top of plug = +/- 5626'.
 - If TOC by CBL is above 3900', set 25 sk inside plug across top of Glorieta @ 3850'. Plug to be set from 3800' - 3900'. If TOC is found to below top of Glorieta, perf 4 squeeze holes @ 3900' and squeeze w/ 50 sx cement (approx 40 sx outside casing and 10 sx left inside for plug from 3800' - 3900'. WOC & tag top of plug.
 - Perf 4 squeeze holes @ 770' = 50' below surface casing shoe. Establish circ from perms @ 770' to surface through 8 5/8" x 5½" annulus and cement with approx 200 sx - intent is to fill 8 5/8" x 5½" annulus with cement to surface and leave inside of 5½" casing full of cement from 0' - 770'. This sets the Shoe - Yates - Top plugs.
 - Cut off casings & wellhead equip to 3' below ground level & install regulation Dry Hole Marker.
 - Clean location & prep for final NMOCD 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 Dan C. Dodd TITLE agent for BP America Production Company DATE 1/2/07

Type or print name D. C. Dodd E-mail address: ddodd@sierra-engineering.net Telephone No. 432 / 683-8000

For State Use Only

APPROVED BY: [Signature] TITLE J.D. DATE 1/3/07

Conditions of Approval (if any):

Empire Abo Unit "F" #38

Empire Abo Field

API No. 30-015-01733

1650' FNL & 1650' FWL

Sec 35 - T17S - R28E

Eddy County, New Mexico

Originally drilled by Hondo-Western-Yates as
State "A" #12TA'd in 1991. Failed MIT test in October,
2006 (circ out 85/8" x 51/2" annulus) and
must be repaired or P&A by January 31,
2007.**Present Status**

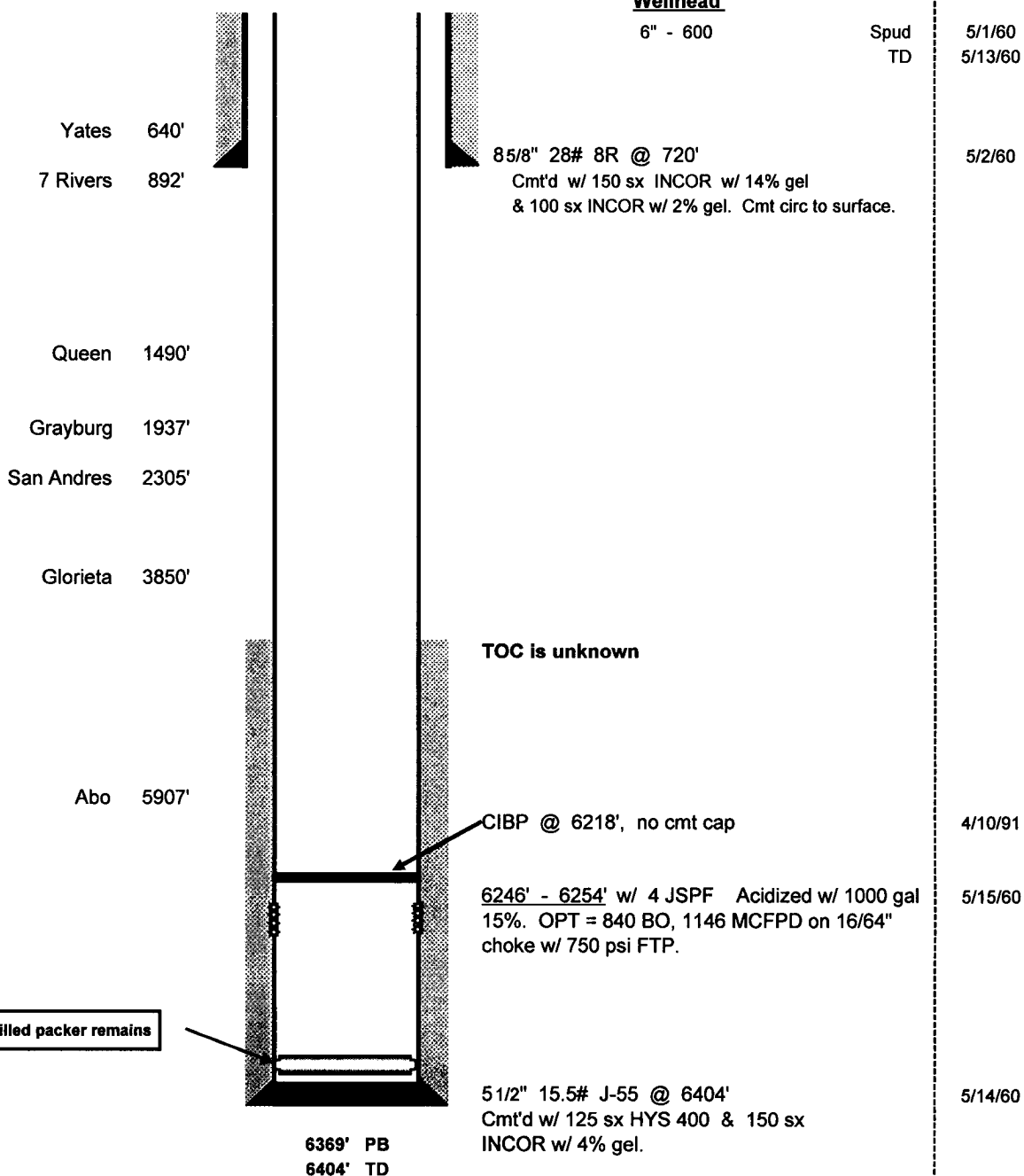
TA'd 4/10/91

RKB 3691'

GL 3681'

Wellhead

6" - 600

Spud
TD**Event
Date**

Drilled packer remains

6369' PB
6404' TD

DCD 12/12/06

Empire Abo Field

Eddy County, New Mexico

**Originally drilled by Hondo-Western-Yates as
State "A" #12**

TA'd in 1991. Failed MIT test in October, 2006 (circ out 85/8" x 51/2" annulus) and must be repaired or P&A by end of January, 2007. Plan to test Abo potential and perform MIT repair or P&A.

**Event
Date**

GL 3681'

6" - 600

Spud
TD

5/1/60
5/13/60

7 Rivers 892'

Cmt'd w/ 150 sx INCOR w/ 14% gel
& 100 sx INCOR w/ 2% gel. Cmt circ to surface.

5/2/60

← MIT Repair - Squeezed casing leak, depth N/A

Grayburg 1937'

San Andres 2305'

Glorieta 3850'

Abo 5907'

Add Upper Abo perms 5918' - 5996'

6246' - 6254' w/ 4 JSPF Acidized w/ 1000 gal
15%. OPT = 840 BO, 1146 MCFPD on 16/64"
choke w/ 750 psi FTP.

5/15/60

Drilled packer remains

51 1/2" 15.5# J-55 @ 6404'
Cmt'd w/ 125 sx HYS 400 & 150 sx
INCOR w/ 4% gel.

5/14/60

6369' PB
6404' TD

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API No. 30-015-01733

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 Sec 35 - T17S - R28E
 Eddy County, New Mexico

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 State "A" #12

TA'd in 1991. Failed MIT test in October,
 2006 (circ out 85/8" x 5 1/2" annulus) and
 must be repaired or P&A by end of January,
 2007. Plan to test Abo potential and
 perform MIT repair or P&A.

Proposed P&A Plan