

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 - 01695

13. Indicate Type of Lease

STATE ☒ FEE ☐

13. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Empire Abo Unit "E"

8. Well Number

32

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 **A** : **990** feet from the **North** line and **660** feet from the **East** line

Section **33** Township **17S** Range **28E** NMPM **Eddy** County

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

3678' 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: **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.

1. MIRU PU, POH w/ pkr, knock out CIBP @ 6046' & push to btm. Set pkr @ 6040' and swab test Abo perms 6053' - 6069' & 6074' - 6087'. If zones are communicated to upper most zone from 5870' - 6030', set pkr @ 5825' and swab test all perms.

2. **If decision is to abandon wellbore, go to STEP 5.** If decision to return to production, treat Abo perms 5870' - 6087' w/ 30 bbls of paraffin solvent & POH w/ pkr.

3. Set RBP @ 2000', load hole & run CBL to locate TOC behind 4 1/2" csg (expected to be @ approx 1430'). Perf 4 squeeze holes 30' above TOC, set pkr 250' above perms and cement 8 5/8" x 4 1/2" annulus to surface w/ approx 350 sx Class "C".

4. Drill out cement and test casing to 500 psi. If OK, run rod pumping equipment and return well to production.

5. **P&A as follows:**

a. Set CIBP @ 5825' = 45' above top perf, circ hole with mud laden fluid and cap CIBP w/ 25 sx cement. Top of plug = +/- 5450'.

b. Set 25 sk inside plug across top of Glorieta @ 3500' from approx 3650' - 3288' (top of Glorieta to be confirmed before setting plug). **WOC & tag top of plug.**

c. Perf 4 squeeze holes @ 1050' = 50' below surface casing shoe. Establish circ from perms @ 1050' to surface through 8 5/8" x 4 1/2" annulus and cement with approx 300 sx - intent is to 8 5/8" x 4 1/2" annulus with cement to the surface and leave inside of 4 1/2" casing full of cement from 0' - 1050'. This provides the Surface Casing Shoe - Yates - Top plugs.

d. Cut off casings & wellhead equip to 3' below ground level, install regulation Dry Hole Marker & clean location.

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

SIGNATURE *Dan Dodd* TITLE Agent for BP America Production Company DATE 2/19/07

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

For State Use Only Accepted for record - NMOC

APPROVED BY: _____ TITLE _____ DATE 2/21/07

Conditions of Approval (if any):

Empire Abo Unit "E" #32

Empire Abo Field

API No. 30-015-01695

990' FNL & 660' FEL
Sec 33 - T17S - R28E
Eddy County, New Mexico(Originally Drilled by Sinclair O&G
as the M. Yates "B" ARC #11)TA'd in 2001. Successful MIT test on
1/31/03 & NMOCD approved TA Status
until 1/31/08.**Present Status**

TA'd 11/29/01

RKB = GL
GL = 3678'**Wellhead**

6" - 600

Spud
TDEvent
Date6/10/1960
7/2/19608 5/8" 22.7# Slip Jt - SW @ 1000'
Cmt'd w/ 350 sx DIAMIX w/ 6% gel
& 200 sx reg w/ 2% CaCl. Assume that
cmt circ'd but not documented in well file.

6/13/1960

TOC = 1430' by TS

7/3/1960

Tubing Detail

1 KVL-30 pkr	7.95
1 API SN	1.10
192 jts 2 3/8" J-55 IPC	5819.99
PKR @	5829.04

Abo Top 5868'

CIBP 6046'

Abo Base 6136'

Guiberson KVL-30 pkr @ 5829'

2/14/1996

Set CIBP @ 6046'
5870' - 6030' w/ 2 JSPF = 276 holes
Acidize w/ 4200 gals 15%. SI as failed WO.

2/8/1996

Original Completion6053' - 6069' Acidized w/ 3000 gals 15%, potential for
6074' - 6087' 216 BOPD 12/64" ch - 740 psi FTP

7/4/1960

4 1/2" 11.6# (5387' - 6170')
& 9.5# (0' - 5523') J-55 STC
@ 6170'. Cmt'd w/ 800 sx 50/50 DIAMIX w/
6% gel & 200 sx 50:50 DIAMIX w/ 2% gel.
TOC by TS = 1430'

7/2/1960

6046' PB
6170' TD

DCD 3/16/06

Empire Abo Unit "E" #32
Empire Abo Field

API No. 30-015-01695

990' FNL & 660' FEL
Sec 33 - T17S - R28E
Eddy County, New Mexico

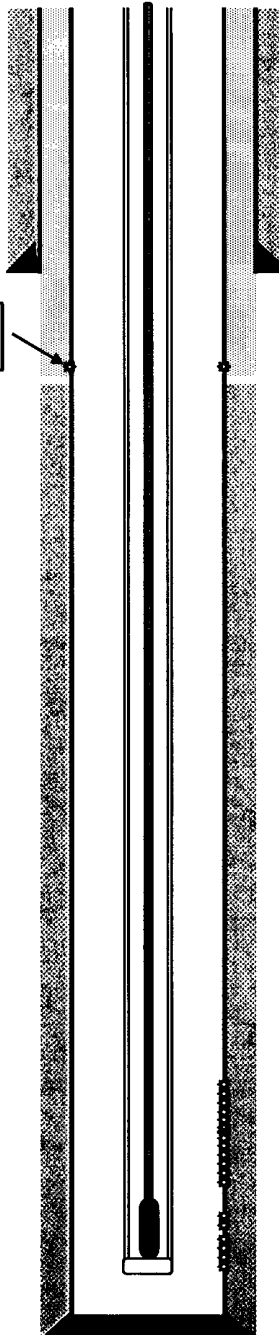
(Originally Drilled by Sinclair O&G
as the M. Yates "B" ARC #11)

TA'd in 2001. Successful MIT test on
1/31/03 & NMOCD approved TA Status
until 1/31/08.

Proposed RTP

RKB = GL
GL = 3678'

Perf 30' above TOC
Cmt Annulus to surface



Wellhead

6" - 600

Spud
TD

Event
Date

6/10/1960
7/2/1960

8 5/8" 22.7# Slip Jt - SW @ 1000'
Cmt'd w/ 350 sx DIAMIX w/ 6% gel
& 200 sx reg w/ 2% CaCl. Assume that
cmt circ'd but not documented in well file.

6/13/1960

TOC = 1430' by TS

7/3/1960

Abo Top 5868'

Set CIBP @ 6046'
5870' - 6030' w/ 2 JSPF = 276 holes
Acidize w/ 4200 gals 15%. SI as failed WO.

2/8/1996

Original Completion

6053' - 6069' Acidized w/ 3000 gals 15%, potentialed for
6074' - 6087' 216 BOPD 12/64" ch - 740 psi FTP

7/4/1960

Abo Base 6136'

4 1/2" 11.6# (5387' - 6170')
& 9.5# (0' - 5523') J-55 STC
@ 6170'. Cmt'd w/ 800 sx 50/50 DIAMIX w/
6% gel & 200 sx 50:50 DIAMIX w/ 2% gel.
TOC by TS = 1430'

7/2/1960

6046' PB
6170' TD

Empire Abo Unit "E" #32
Empire Abo Field

API No. 30-015-01695

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Sec 33 - T17S - R28E
Eddy County, New Mexico

(Originally Drilled by Sinclair O&G
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TA'd in 2001. Successful MIT test on
1/31/03 & NMOCD approved TA Status
until 1/31/08.

Preliminary P&A Plan

RKB = GL
GL = 3678'

Wellhead

6" - 600

Spud
TD

Event
Date

6/10/1960
7/2/1960

Perf @ 1050', circ cmt to
surface via 8 5/8" x 4 1/2"
annulus. Leave 4 1/2" full of
cmt. This provides shoe plug,
Yates plug and top plug.

85/8" 22.7# Slip Jt - SW @ 1000'
Cmt'd w/ 350 sx DIAMIX w/ 6% gel
& 200 sx reg w/ 2% CaCl. Assume that
cmt circ'd but not documented in well file.

6/13/1960

TOC = 1430' by TS

7/3/1960

Glorieta Plug 3288' - 3650' (25 sx)
WOC & TAG PLUG

Estimated Top of Plug = 5450'

CIBP @ 5825', capped w/ 25 sx cmt

Abo Top 5868'

5870' - 6030' w/ 2 JSPF = 276 holes
Acidize w/ 4200 gals 15%. SI as failed WO.

2/8/1996

Original Completion

7/4/1960

6053' - 6069' Acidized w/ 3000 gals 15%, potentialized for
6074' - 6087' 216 BOPD 12/64" ch - 740 psi FTP

Abo Base 6136'

4 1/2" 11.5# (5387' - 6170')
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6% gel & 200 sx 50:50 DIAMIX w/ 2% gel.
TOC by TS = 1430'

7/2/1960

6046' PB
6170' TD

DCD 2/12/07