

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88201  
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 - 01688</b>
13. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
13. State Oil & Gas Lease No.

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> 2. Name of Operator <b>BP America Production Company</b> 3. Address of Operator <b>P. O. Box 1089 Eunice, New Mexico 88231</b>	7. Lease Name or Unit Agreement Name <b>Empire Abo Unit "G"</b>
	8. Well Number <b>29</b>
	9. OGRID Number <b>000778</b>
	10. Pool name or Wildcat <b>Empire Abo</b>

Month - Year  
FEB 21 2007  
OCD - ARTESIA, NM

13. Well Location Unit Letter <b>L</b> : <b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line Section <b>33</b> Township <b>17S</b> Range <b>28E</b> NMPM <b>Eddy</b> County	11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3667' GR</b>
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Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PLUG AND ABANDON <input type="checkbox"/>	P AND A <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
MULTIPLE COMPL <input type="checkbox"/>	OTHER: <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

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, install BOP and test 4 1/2" csg to 500 psi. Kill well & POH w/ pkr.
2. Set RBP @ 2000', load hole & run CBL to locate TOC behind 4 1/2" csg (expected to be @ approx 1510'). Perf 4 squeeze holes 30' above TOC, set pkr 250' above perfs and cement 8 5/8" x 4 1/2" annulus to surface w/ approx 375 sx Class "C".
3. Drill out cement and test casing to 500 psi. Recover RBP from 2000'.
4. Perf add'l Abo zone w/ 2 JSPF as follows: 5818' - 5822'; 5826' - 5830'; 5844' - 5852' & 5916' - 5934'.
5. Run RBP & pkr, straddle perfs 5916' - 5934' & acidize w/ 1500 gals 15% HCl-NEFE. Straddle perfs 5818' - 5852' & acidize w/ 1600 gals 15% HCl-NEFE. Set RBP @ 5945' and pkr @ 5790' and swab test the new perfs to determine artificial lift requirements. POH w/ pkr & RBP.
6. Run completion tubing and rod pumping assembly and place well on pump with all perfs (5818' - 6154') open to production.
7. RD & RPU.

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 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

APPROVED BY: Accepted for record - NMOCD TITLE \_\_\_\_\_ DATE 2/21/07  
Conditions of Approval (if any): \_\_\_\_\_

**Empire Abo Unit "G" #29**  
Empire Abo Field

API No. 30-015-01688

1980' FSL & 660' FWL  
Sec 33 - T17S - R28E  
Eddy County, New Mexico

(Originally Drilled by Sinclair O&G  
as the M. Yates "B" ARC #4)

TA'd in 2001. Successful MIT test on  
1/30/03 & NMOCD approved TA Status  
until 1/30/08.

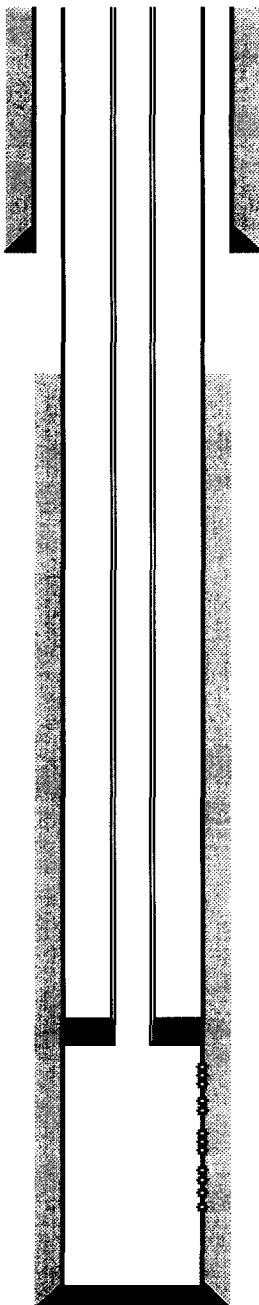
**Present Status**

TA'd 11/27/01

Event  
Date

RKB = GL  
GL = 3667'

Spud 4/24/60  
TD 5/16/60



**Wellhead**

Older records indicate 6" - 600

LC while drilling @ 73' - cavity to 81'  
Dry-drilled to 1000' CP.

8 5/8" 22.7# Slip Jt - SW @ 1000'  
Cmt'd thru shoe w/ 450 sx 50:50 POZ  
& 100 sx reg w/ 2% CaCl (est TOC @ 81').  
Filled cavity w/ pea gravel & circ cmt to surf  
w/ 200 sx reg cont'g 2% CaCl.

TOC = 1510' by TS.

Guiberson KVL-30 pkr @ 5906'  
Non-productive since MIT of 11/27/01

5956' - 5990' }  
6030' - 6056' } 201 holes @ 2 JSPF  
6082' - 6122' }

3/5/1996

Original Comp: Perfed 6122' - 6132' &  
6138' - 6154' w 54 - 1/2" holes. Acidize w/  
6000 gals 15%. Potential = 180 BO  
flowing on 12/64" w/ 775 psi.

5/20/1960

4 1/2" 11.6# (5523' - 6200')  
& 9.5# (0' - 5523') J-55 STC  
@ 6200'. Cmt'd w/ 600 sx 50:50 POZ w/  
6% gel & 200 sx 50:50 POZ w/ 2% gel.  
TOC by TS = 1510'

5/17/1960

6162' PB  
6200' TD

DCD 3/15/06

# Empire Abo Unit "G" #29

Empire Abo Field

API No. 30-015-01688

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TA'd in 2001. Successful MIT test on  
1/30/03 & NMOCD approved TA Status  
until 1/30/08.

## Proposed RTP Status

RKB = GL  
GL = 3667'

Spud 4/24/60  
TD 5/16/60

Perf 4 holes above TOC  
& circ cmt to surface via  
8 5/8" x 4 1/2" annulus.

### Add Perfs

5818' - 5822'

5826' - 5830'

5844' - 5852'

18' blank pipe

5916' - 5934'

22' between new  
& old perfs

### Wellhead

Older records indicate 6" - 600

LC while drilling @ 73' - cavity to 81'  
Dry-drilled to 1000' CP.

8 5/8" 22.7# Slip Jt - SW @ 1000'  
Cmt'd thru shoe w/ 450 sx 50:50 POZ  
& 100 sx reg w/ 2% CaCl (est TOC @ 81').  
Filled cavity w/ pea gravel & circ cmt to surf  
w/ 200 sx reg cont'g 2% CaCl.

TOC = 1510' by TS.

Records unclear (pkr or CIBP) set @ 5909'  
Assume CIBP set for TA.

5956' - 5990'  
6030' - 6056' } 201 holes @ 2 JSPF  
6082' - 6122'

Original Comp: Perfed 6122' - 6132' &  
6138' - 6154' w 54 - 1/2" holes. Acidize w/  
6000 gals 15%. Potential = 180 BO  
flowing on 12/64" w/ 775 psi.

4 1/2" 11.6# (5523' - 6200')  
& 9.5# (0' - 5523') J-55 STC  
@ 6200'. Cmt'd w/ 600 sx 50/50 POZ w/  
6% gel & 200 sx 50:50 POZ w/ 2% gel.

6173' PB  
6200' TD

Event  
Date

11/27/2001

3/5/1996

5/20/1960

5/17/1960