

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr, Hobbs, NM 87240  
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>30-015-00719</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>2029-63</b>
7. Lease Name or Unit Agreement Name: <b>Riverwolf Unit</b>
8. Well Number <b>5</b>
9. OGRID Number <b>00778</b>
10. Pool name or Wildcat <b>Empire Abo</b>

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.)

OCT 16 2008

OCD-ARTESIA

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, NM 88231</b>

4. Well Location Unit Letter <b>C</b> : <b>990</b> feet from the <b>N</b> line and <b>1980</b> feet from the <b>W</b> line Section <b>2</b> Township <b>18S</b> Range <b>27E</b> NMPM County <b>Eddy</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3585' GR</b>

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 _____

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
OTHER: <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>	

**Notify OCD 24 hrs. prior  
to any work done.**

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.

- MIRU PU. Check tubing, casing and surface pipe for pressure - bleed off into containment. Kill well as necessary. TOH LD rods and pump.
- Monitor well and assure it's stable. Kill well as necessary. ND WH & install BOP (assure that BOP has been shop tested). TOH with production tubing.
- TIH with CIBP on tubing and set at 5200'. Spot 250' cement plug on top of CIBP using 25 sx Class C neat. PU to 4900'. Load hole w/ mud-laden fluid (9 ppg, 1250# gel/100 bbl). Test csg to 500 psi. TOH.
- RU WL. Perforate 5 1/2" casing at 3060' with 4 squeeze holes (Glorieta top = 3068'). RD WL.

Continued on page 2.

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 Hayd May for Barry Price TITLE Area Operations Team Lead DATE 10/15/08  
Approval Granted providing work is complete by 1/17/09 E-mail address: barry.price@bp.com  
Type or print name Barry C. Price Telephone No. 575-394-1648

For State Use Only

APPROVED BY Ph Harker TITLE Field Rep DATE 10/17/08  
Conditions of Approval, if any: Approval Granted providing work is complete by 1/17/09

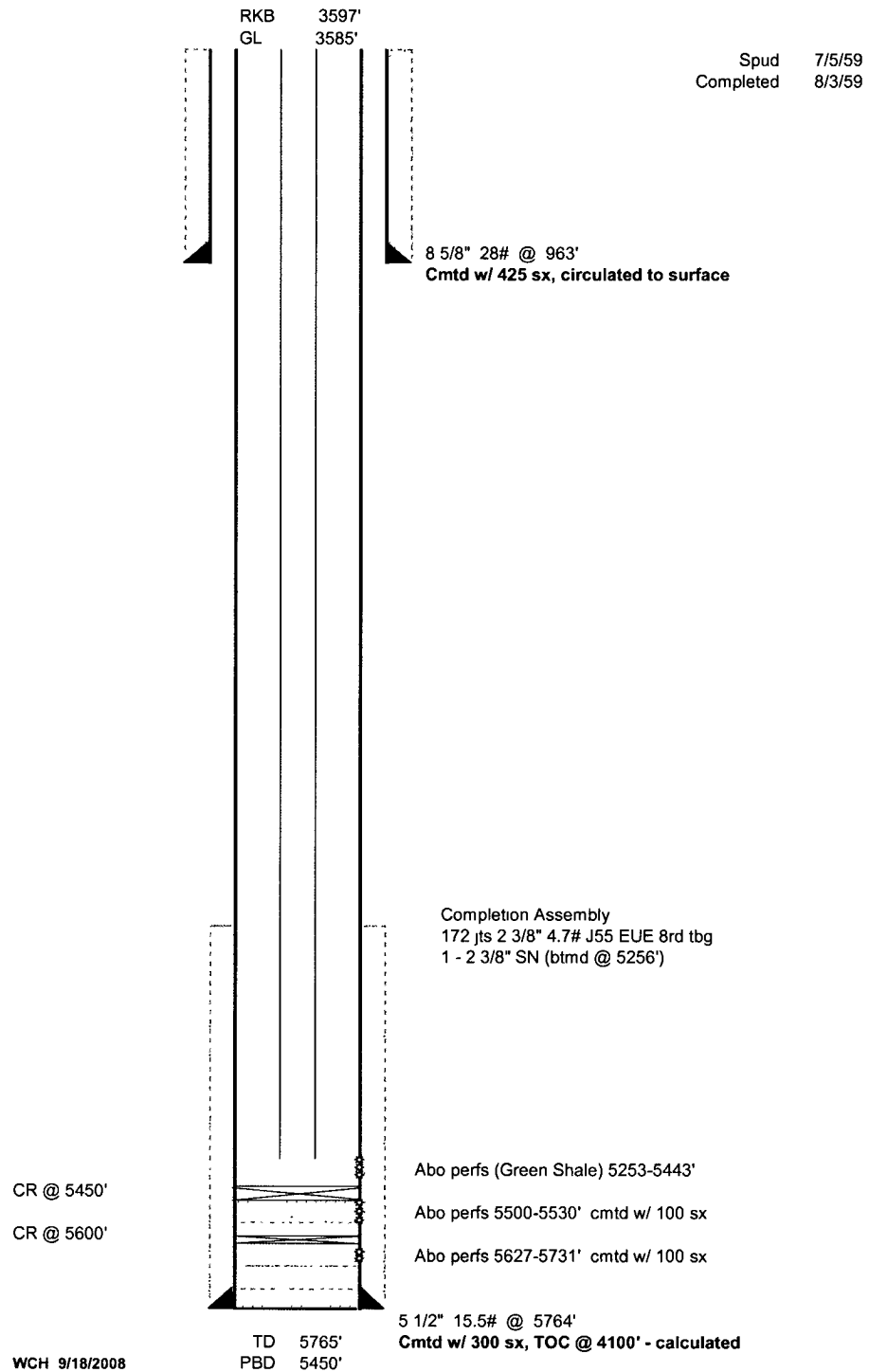
5. TIH with packer on tubing to 2600'. Establish PI rate into perfs at 3060'; monitor 5 1/2" x 8 5/8" annulus for returns. Cement perfs at 3060' with 50 sx Class C + 2% CaCl<sub>2</sub>. Displace cement to 2850' (20 sx inside casing). WOC 2 hours minimum. Release packer and tag plug. TOH LD tubing.
6. RU WL. Perforate 5 1/2" casing at 1020' with 4 squeeze holes (8 5/8" surface casing shoe = 963', Queen top = 926', Yates top = 120'). Establish circulation through perfs at 1020' and out 5 1/2" x 8 5/8" annulus. RD WL.
7. Monitor well. ND BOP, install adaptor flange. Cement 5 1/2" casing from surface to 1020' and 5 1/2" x 8 5/8" annulus from 1020' to surface with Class C neat (estimated 250 sx – pump until good cement returns).
8. RD PU and clean location.
9. Dig out WH and cut-off casingheads to 3' below GL.
10. Install regulation dry-hole marker. Clean location and prepare location for NMOCD inspections.

**Riverwolf #5**  
Empire Abo Field

API No. 30-015-00719

990' FNL & 1980' FWL  
Sec 2 - T18S - R27E  
Eddy County, New Mexico

**Status 9-18-2008**



**Riverwolf #5**  
 Empire Abo Field

API No. 30-015-00719

990' FNL & 1980' FWL  
 Sec 2 - T18S - R27E  
 Eddy County, New Mexico

**Proposed P & A**

Surf Csg Shoe, Queen,  
Yates, Top Plug  
 0' - 1020'  
 perf 5 1/2" csg @ 1020',  
 cmt 5 1/2" surf to 1020'  
 5 1/2" x 8 5/8" ann 1020'  
 to surf  
 250 sx

RKB 3597'  
 GL 3585'

Spud 7/5/59  
 Completed 8/3/59

8 5/8" 28# @ 963'  
 Cmtd w/ 425 sx, circulated to surface

Glorieta Plug  
 perf 5 1/2" csg @ 3060'  
 2850' - 3060'  
 50 sx - tag

Completion Assembly  
 172 jts 2 3/8" 4.7# J55 EUE 8rd tbg  
 1 - 2 3/8" SN (btmd @ 5256')

Prod Zone (Abo) Plug  
 CIBP @ 5200'  
 25 sx on top

CIBP @ 5200'  
 Abo perms (Green Shale) 5253-5443'  
 Abo perms 5500-5530' cmtd w/ 100 sx  
 Abo perms 5627-5731' cmtd w/ 100 sx

CR @ 5450'  
 CR @ 5600'

5 1/2" 15 5# @ 5764'  
 Cmtd w/ 300 sx, TOC @ 4100' - calculated

WCH 9/18/2008

TD 5765'  
 PBD 5450'