

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

OCT 23 2009

Form C-103  
May 27, 2004

WELL API NO.

30:015:22633

5. Indicate Type of Lease

NMOCD ARTESIA/STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
647-349, 647-351

7. Lease Name or Unit Agreement Name:  
Empire Abo Unit 'H'

8. Well Number

295

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 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 NM 88231

4. Well Location

Unit Letter M : 700 feet from the S line and 10 feet from the W line

Section 33 Township 17S Range 28E NMPM County Eddy

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

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 COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPERATIONS ☐ PLUG AND ABANDON ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

1. MIRU PU. Check tbq, csg and surface pipe for pressures - bleed any fluids into containment.
2. Test 5 1/2" x 2 3/8" annulus to 500 psi. Pump 30 bbls FW down tubing to kill well and assure it is not plugged. Monitor well and assure that it remains static, ND WH & install BOP.
3. Release KVL -30 packer, POH & LD resident tubing.
4. TIH w/ 5 1/2" - 15.5# CIBP on 2 3/8" workstring and set plug @ approx 6000' RKB = 50' above top perf @ 6050' (csg collars located at 5975', 6016' and 6058' per GR - CBL / CCL). Circ hole w/ freshwater (approx 135 bbls) and test csg and CIBP to 500 psi; if leaks are indicated, these must be located prior to setting any plugs. 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 Barry C. Price TITLE Area Operations Team Lead DATE 10/22/09

Type or print name Barry C. Price

E-mail address: barry.price@bp.com Telephone No. 575-394-1648

For State Use Only

APPROVED BY [Signature] TITLE Approval Granted providing work DATE 10/26/09

Conditions of Approval, if any:

is complete by 1/26/10

5. **Spot 25 sx Class "C" onto CIBP – top of cement should be approx 5755'.** POH & LD tubing to above cement and then circulate wellbore with mud laden fluid, requires approximately 135 bbls (9.0 ppg minimum w/ gel mixed at concentration of 1250 lbs per 100 bbls water). POH and LD tbg to approx 3550'.
6. **Spot 70 sx Class "C" from 3550' - 2860', which covers top of Glorieta @ 3498' and isolates DV tool @ 3009'.** POH & stand-back w/ 22 joints of tubing, LD 22 jts and then POH and stand-back the remaining tubing. LD CIBP setting tool.
7. TIH w/ bull-plugged perf sub on tubing and tag top of plug, must be 2959' or higher. POH & LD tubing to 1315'.
8. **Mix & pump Class "C" cement until good slurry returns to surface (estimated to require 125 sx)** - this provides plug across top of Queen @ 1180', across 8 5/8" surface casing shoe @ 600', across the top of Yates @ 435', across potential freshwater aquifers and sets the top plug. POH and LD tbg to 90' below GL - this is the approximate depth that cement will have fallen due to tubing displacement. Circulate and re-fill hole to surface with cement and then LD remaining tubing.
9. RD & MO PU.
10. Dig out WH and cut all casings and WH's to 3' below original GL or at base of cellar, whichever is deeper, and install regulation Dry Hole Marker - 4" OD pipe x 10' long with the following permanently inscribed information: (1) well name & number; (2) operator name; (3) API No. **30-015-22633**; (4) state lease numbers **647-349 & 647-351**; (5) survey data: quarter – quarter section, section, township, range; and (6) date of final abandonment.

Empire Abo Unit "H" #295  
Empire Abo Field

API No. 30-015-22633

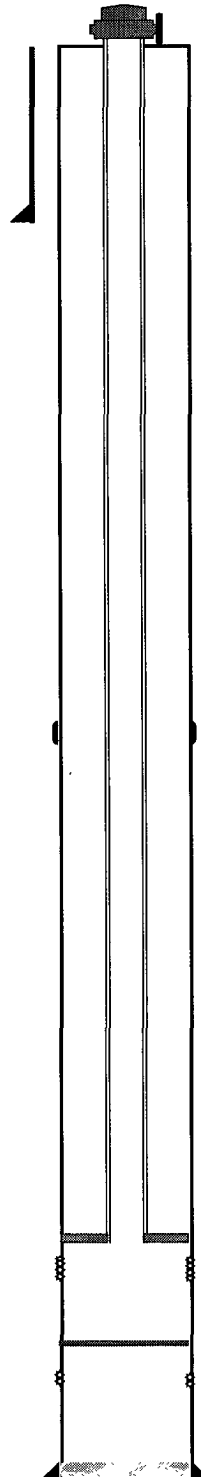
State Lease No 647-349, 647-351

700' FSL & 10' FWL  
Sec 33 - T17S - R28E  
Eddy County, New Mexico

Present Status

GL 3678.4'

RKB 10'



11" drilled hole

8 5/8" 24# K55 STC @ 600'  
Cmt'd w/ 350 sx RFC & 100 sx "C" w/ 2% CaCl<sub>2</sub>  
& 6 pps salt. Circ'd 120 sx to surface

7 BPH water flow first reported @ 2200'  
ceased after 1 day

DV Tool @ 3009'  
Stage 2 900 sx Thk-Set w/ 2% CaCl<sub>2</sub>  
Circ'd 90 sx to surface

KVL-30 pkr @ 6021'

6050' - 6110' 2 SPF = 120 holes w/ thru tbg gun

CIBP @ 6220' set on WL, no cmt cap

6250' - 6270' w/ 2 SPF  
1650 gals 15% w, gelled CaCl<sub>2</sub> wtr & gelled LC  
Flowed 318 BO, 0 BW & 245 MCF, 100# on 3/4" choke

5 1/2" 15 5# K-55 STC @ 6300'  
Stage 1 Cmt'd w/ 500 sx Dowell LW w/ 10 pps of  
of 20/40 & 5 pps of 100 mesh sand followed by  
250 sx RFC - circ 125 sx from above DV tool

Event  
Date

Spud 10/14/78  
TD 10/27/78  
RR 10/28/78

10/15/78

2/26/79

7/24/97

7/25/97

7/23/97

11/3/78

10/28/78

DCD 5/5/09

6285' PBD  
6300' TD

**Empire Abo Unit "H" #295**  
Empire Abo Field

API No. 30-015-22633

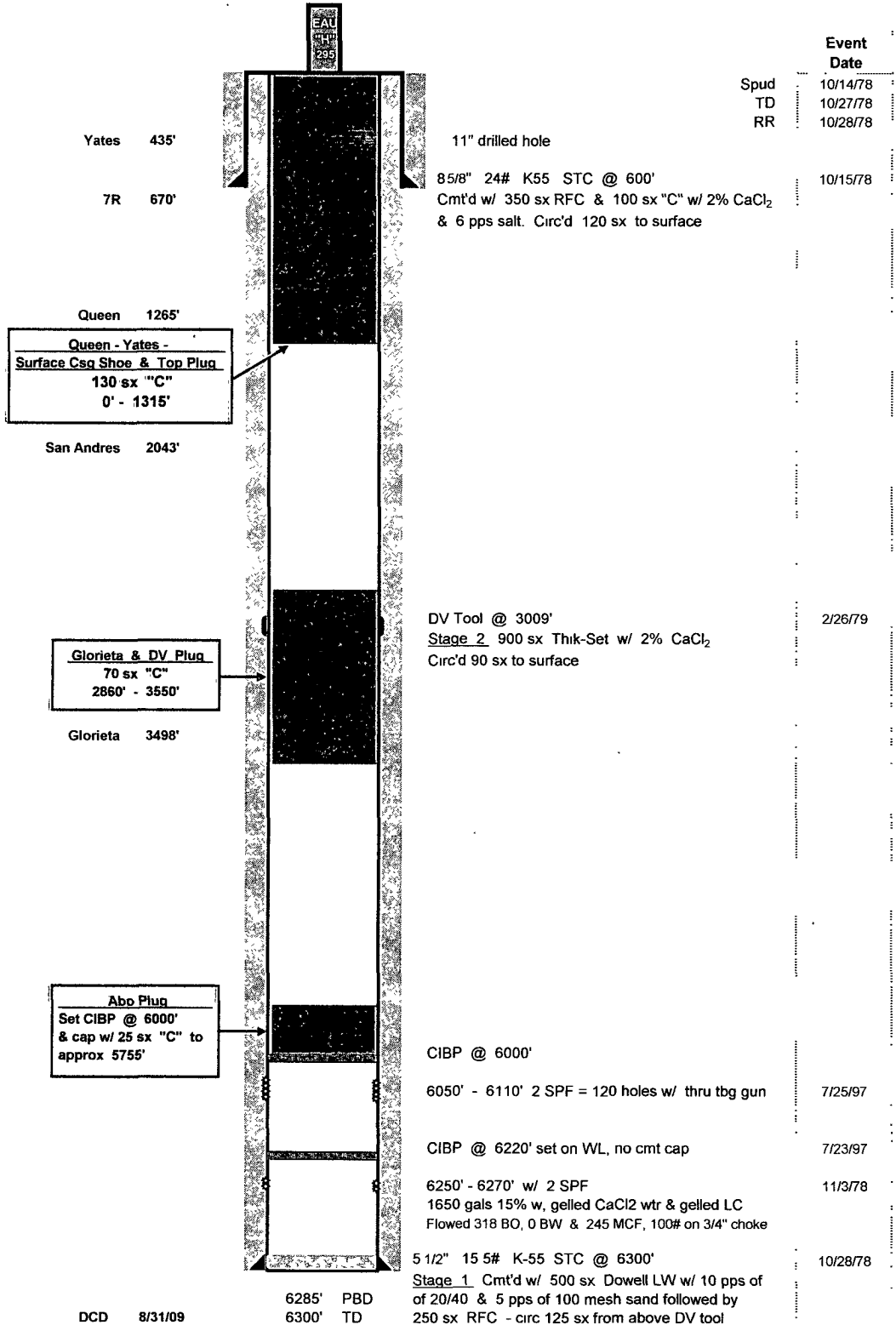
State Lease No. 647-349, 647-351

700' FSL & 10' FWL  
Sec 33 - T17S - R28E  
Eddy County, New Mexico

**Proposed P&A**

GL 3678.4'

RKB 10'



DCD 8/31/09

6285' PBD  
6300' TD