

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

APR 20 2009

Form C-103
May 27, 2004

SUNDY 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.)		WELL API NO. 30-015-22767
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 1089 Eunice NM 88231		7. Lease Name or Unit Agreement Name: EMPIRE ABO UNIT 'F'
4. Well Location Unit Letter <u>E</u> : <u>2250</u> feet from the <u>N</u> line and <u>570</u> feet from the <u>W</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number 335
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3664' GR		9. OGRID Number 00778
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 tbq, csg and surface pipe for pressure - bleed off into containment. Monitor well and assure it's stable. ND WH and remove tbq joint, install BOP. Test BOP and csg to 500 psi.
- TIH with perforated nipple and bull plug on 2 3/8" work string. Tag CIBP/cement at 5735'. Circulate hole with mud-laden fluid (9 ppg, 1250# gel / 100 bbl water).
- TOH to 3650' (Glorieta top = 3558', stage tool = 3029'). Spot 700' balanced cement plug from 3650'-2950' using 70 sx Class C w/2% CaCl₂. PU to 2800'. WOC 2 hrs minimum. Tag plug, re-spot as necessary.

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 E. Price TITLE Area Operations Team Lead DATE 4/16/09
E-mail address: barry.price@bp.com
Type or print name Barry E. Price Telephone No. 575-394-1648

For State Use Only

APPROVED BY [Signature] TITLE Approval Granted providing work is complete by 3/21/09 DATE 4/21/09
Conditions of Approval, if any:

Form C-103
Empire Abo Unit F-335
30-015-22767
Continued from Page 1

4. TOH to 1400' (Queen top = 1314'). Spot 250' balanced cement plug from 1400' – 1150' using 25 sx Class C neat.
5. TOH to 800' (surface casing shoe = 750', Yates top = 540'). Fill 5 ½" casing from 800' to surface using 80 sx Class C neat. TOH LD tubing.
6. If necessary after TOH with tubing, fill well bore with cement to 3' below GL.
7. RD PU and clean location.
8. Dig out WH and cut off casing heads to 3' below GL.
9. Install regulation dry hole marker. Clean location and prepare location for NMOCD inspection.

Empire Abo Unit F-335

Empire Abo Field

API No. 30-015-22767

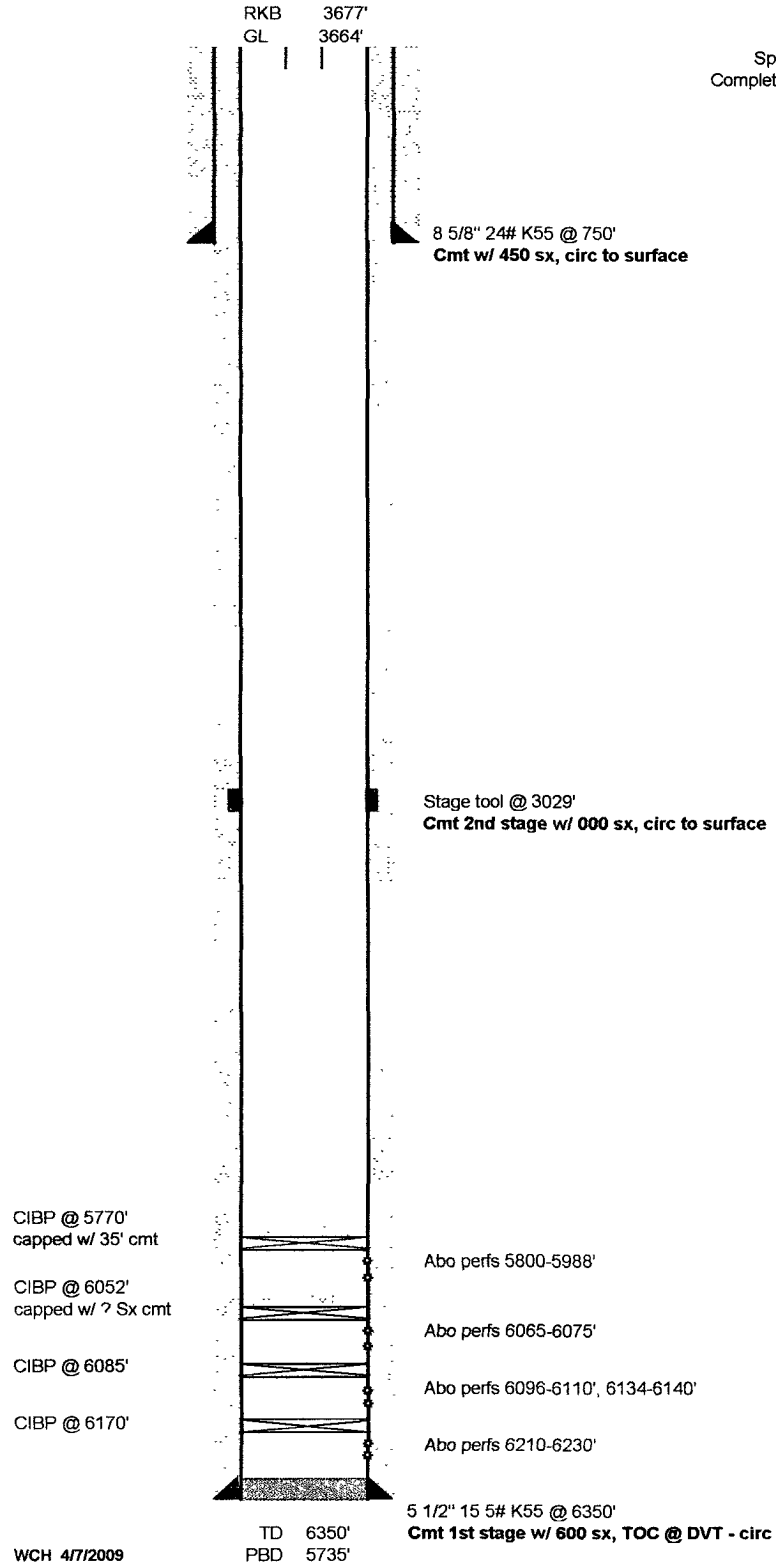
2250' FNL & 570' FWL

Sec 34 - T17S - R28E

Eddy County, New Mexico

Status 4-7-2009

Spud 1/27/79
Completed 2/15/79



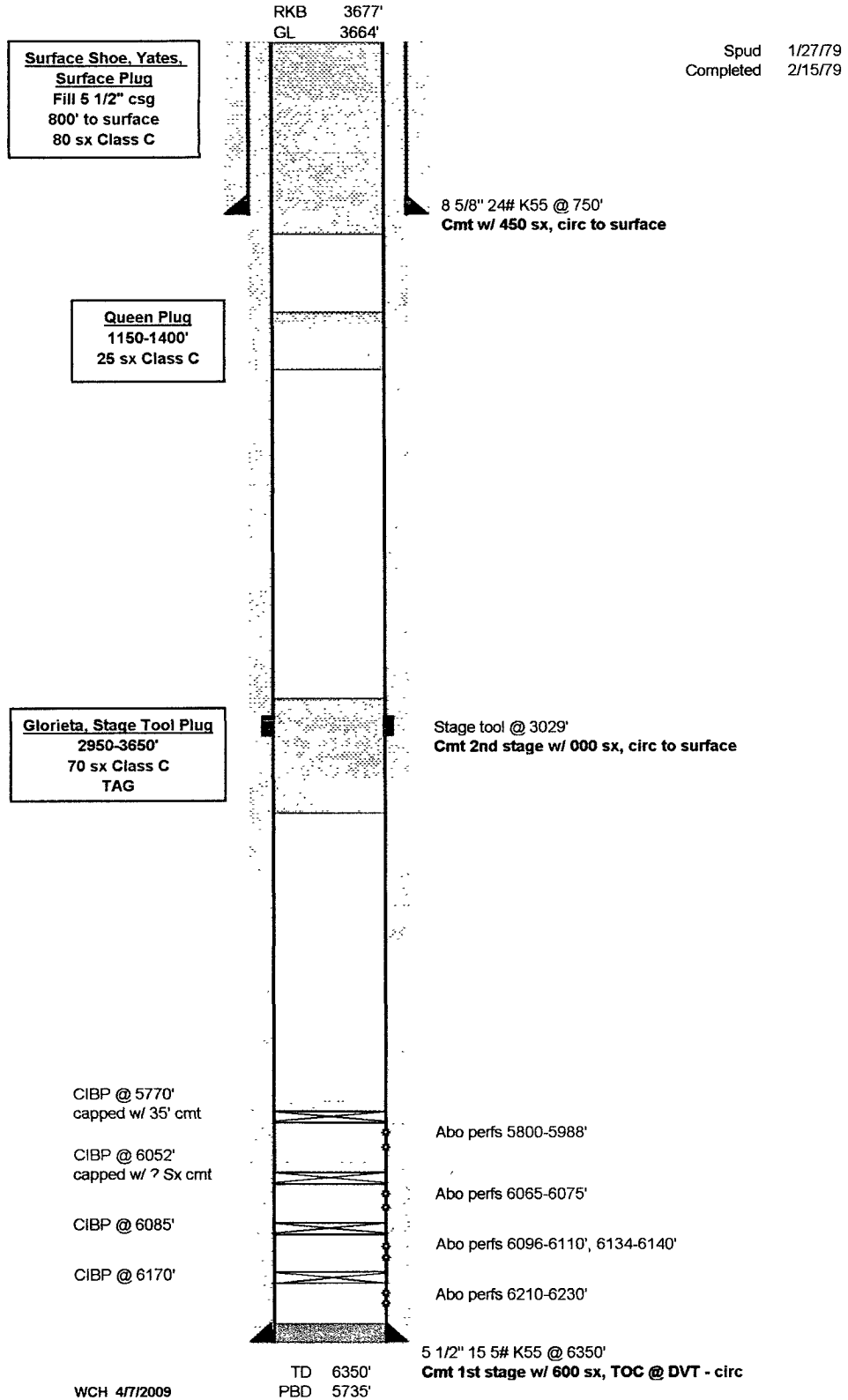
Empire Abo Unit F-335

Empire Abo Field

API No. 30-015-22767

2250' FNL & 570' FWL
Sec 34 - T17S - R28E
Eddy County, New Mexico

Proposed P & A



34sx

WELL NAME: Eddy GF State Com #2 FIELD: Carlsbad South, Mrw OPER: Samson (SLC #039294)
 STATE: NM COUNTY: Eddy LOCATION: 16-23S-27E, 1980' FSL & 1980' FWL
 API NO: 30-015-22378 SPUD DATE: 2/12/1978 FORMATION: Morrow & Wolfcamp (DHC)
 TD: 12297' PBTD: 11910' ELEVATION: 3142' GL, KB 3157' (RKB 15')

13 375" @ 404'

PIPE RECORD

CEMENT & HOLE DATA

CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	TOC
Surf	13.375"	H40	STC	48.0#	0'	404'				400		Surf
Inter	9.625"	S-95	LTC	40.0#	0'	2398'				1100		1110'/TS
Prod	5.500"	N-80 & K-55	LTC	17.0#	0'	12297'				1450		7920'/TS
Tbg	2.375"		EUE			9674'	296					

Remarks:

6/3/06: Tag csg stub @ 7470' and latch on
 6/16/06: (Perfs 11792' - 11894') Acdz w/1500 gals 7% nefe acid.
 6/19/06: (Perfs 11670' - 11678') Acdz w/500 gals 7% acid w/24 ball sealers
 8/28/06: Frac (Perfs 11670' - 11678') w/9,083# 18/40# VersiProp, 65 tons Co2 downhole, and 240 bbis fluid
 9/12/06: Open to sales
 12/22/06: Set CIBP @ 10928' Dump bail 35'-40' cmt on top
 1/4/07: (Perfs 9086' - 10183') Acdz w/3000 gals of 7.5% NEFE acid Dropped 60 balls
 2/12/07: (Perfs 9086' - 10183') Frac w/75,305# 18/40 VersiProp and 1275 bbis fluid.

CAPACITIES

(bbl/ft)

(ft/bbl)

(cf/ft)

TBG: 2.375 in #
 CSG: 9.625 in. 40#

VOLUME BETWEEN

(bbl/ft)

(ft/bbl)

(cf/ft)

TBGxCSG 2.375x9.625
 TBGxCSG
 CSGxHOLE
 TBGxHOLE
 TBGxHOLE

9.625" @ 2398'

PERFORATION RECORD

DATE	TOP	BTM	ZONE	STATUS	SPF
6/15/2006	11890'	11894'	Morrow	Open	
	11850'	11852'	Morrow	Open	
	11842'	11846'	Morrow	Open	
	11798'	11802'	Morrow	Open	
	11792'	11794'	Morrow	Open	
6/18/2006	11670'	11678'	Morrow	Open	2
12/27/2006	9806'	10183'	Wolfcamp	Open	

*Linda please
 scan into
 well file.*

Csg stub @ 7470'/Tag & latch on

Csg leak @ 7820' - 7924'
 sqz w/150 sx

SRC WIL:

LOGS:

LANDMAN:

GEOLOGIST:

TUBULAR GOODS PERFORMANCE

Material	ID (in)	Drift (in)	Collapse* (psi)	Burst* (psi)	Tensile* (lbs)
13 375" H40 STC 48#					
9.625" S-95 LTC 40#					
2.375" EUE #					
* Safety Factor Not Included					

Arrowset Pkr @ 9659'

Tbg@9674'

9806' - 10183'

11670' - 11678'

11792' - 11802'

11842' - 11894'

PBTD @ 11910'

DST 10597'-707'

5.5" @ 12297'

CIBP @ 11928' w/cmt

TD 12297'

PREPARED BY: R Burditt

DATE: 8/24/2006

Updated: 5/1/07 RB

OFFICE:

FAX: