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

Form C-103
May 27, 2004

WELL API NO. 30.015.21962

5. Indicate Type of Lease STATE [x] FEE [ ]

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: Empire Abo Unit "F"

1. Type of Well: Oil Well [x] Gas Well [ ] Other

8. Well Number 332

2. Name of Operator BP America Production Company

9. OGRID Number 000778

3. Address of Operator P.O. Box 1089 Eunice NM 88231

10. Pool name or Wildcat Empire Abo

RECEIVED
OCT 2006
OCD - ARTESIA

4. Well Location

Unit Letter E : 2582 feet from the N line and 150 feet from the W line

Section 34 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	[X]	PLUG AND ABANDON	[ ]	REMEDIAL WORK	[ ]	ALTERING CASING	[ ]
TEMPORARILY ABANDON	[ ]	CHANGE PLANS	[ ]	COMMENCE DRILLING OPNS.	[ ]	PLUG AND ABANDONMENT	[ ]
PULL OR ALTER CASING	[ ]	MULTIPLE COMPLETION	[ ]	CASING TEST AND CEMENT JOB	[ ]		
OTHER:	[ ]			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.

BP America Production Company plans to perform a workover of this well to attempt to return the well to production. BP requests permission for an extension of TA status for this well, which expires on 10.14.06.

Please refer to attached Workover Procedure.

Denied - Reference NMOCD Rule 19.15.4.203.C

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 Vicki Owens TITLE Administrative Assistant DATE 10.04.06

E-mail address: owensvl2@bp.com

Type or print name Vicki Owens Telephone No. 505.394.1650

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

WORKOVER PROCEDURE
EAU F-332: Add perfs, spot acid, recomplete.

DATE: 4/18/06 **PAY KEY #:**

WELL: EAU F-332 **DRILLED:** 7/5/78 (Spud) **FIELD:** EAU **COUNTY:** Eddy, NM

BY: Kyle Golson **TD:** 6369 **PBTD:** 6192 **DATUM:** KB: 10.5

CASING:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
SURFACE:	8 5/8"	24#	K-55	643'	225	NA
PRODUCTION:	5.5"	15.5#	K-55	6368'	1235	

TUBING: 2 3/8, 4.7#, 8rd, J-55 1jt 31.58'

MUD ANCHOR:

PUMP:

PACKER:

PERFORATIONS:

HISTORY AND BACKGROUND:

SCOPE OF WORK: Add perfs, spot acid, rih new rod design.

PROCEDURE

Pull Pump, Rods, & Tbg' Tag/Cleanout WB with W/O Rig:

1. COMPLETE SAFETY MEETING AND JSAS PRIOR TO RU PU.
2. SPOT TRUCK AND BLOWDOWN PIT & SHUT IN UNIT. HOOK UP TO BLOWDOWN PIT & BLEED WELL DOWN.

Hazard	Effect	Mitigation
Gas, H2S, or fluid release	Possible injury or death to personnel, damage to equipment & environment	➢ Pre job inspection of hose and piping equipment ➢ Check all connections & make sure all are tight

Hazard	Effect	Mitigation
High pressure pumping equipment	Possible injury or death to personnel, damage to equipment	➢ Line of fire practices ➢ Pressure test lines

3. MIRU PU

Hazard	Effect	Mitigation
H2S	Possible injury or death to	➢ Monitor H2S levels continuously ➢ Pre job inspection of H2S equipment and Breathing equipment

	personnel, or other people damage to equipment or wellbore or environment	➢ Available phone contacts in case gas escapes into evriornment ➢ All employees H2S trained.
High pressure pumping equipment	Possible injury or death to personnel, damage to equipment	➢ Line of fire practices ➢ Pressure test lines
Pulling Unit Equipment Failure Objects falling from derrick	Possible injury or death to personnel, damage to equipment or wellbore	➢ Inspection of derrick ➢ Pre job inspection of rig after RU.

4. INSTALL BOP
5. POOH W/ 1 JT. 2 3/8" 8RD EUE J-55 TBG.

Perforate 3 intervals 5822-40, 5852-68, 5890-5934' w/ 2 jspf.

1. PU 2 3/8" TBG, CSG SCRAPER & BIT.
2. RIH W/ SCRAPER & BIT, TAG CIBP @ 6192. POOH.

Hazard	Effect	Mitigation
High pressure pumping equipment	Possible injury or death to personnel, damage to equipment	➢ Line of fire practices ➢ Pressure test lines
Dropped pipe in hole	Possible damage to well	➢ Pipe handling practices – slips, clamps, tongs, complete MU/BO before lifting as appropriate
Drop pipe in derrick	Possible injury or death to personnel, damage to equipment	➢ Line of fire practices ➢ Inspection of lifting equipment
Loss of well control	Possible injury to personnel, damage to wellbore, damage to environment	➢ Install pressure control – BOP's (change pipe rams) ➢ Have TIW valve on floor – capable of stabbing in 4 ½" LTC & full opening ➢ Frequent BOP drills
Falling from height	Possible injury or death to personnel	➢ Use work platform ➢ 100% tie-off

3. RU E-LINE & LUBRICATOR. USING EXISTING SCHLUMBERGER PERFORATING DEPTH CONTROL LOG, 1/14/77, PERFORATE 5822-40', 5852-68', & 5890-5934' @ 2 JSPF(3 1/8" SLICK GUNS, .42" ENTRY HOLE & 36.7" PENETRATION ON 4 WL RUNS) USING GREY WL.
4. RD E-LINE & LUBRICATOR. PU RBP, BALL CATCHER, & TREATING PKR (FROM HUDSON PKR) & RIH W/ 2 3/8" TBG & TOOLS.
5. ISOLATE LOWER ZONE (5890-5934) WITH RBP & TREATING PACKER.
6. ACIDIZE ZONE WITH 1500 GAL 15% HCL (SEE ATTACHED HALLIBURTON ACID JOB.)
   a. FLUSH WITH 150 GAL HCL.
   b. PUMP 1200 GAL HCL DROPPING 125 BALLS,SPACED EVENLY.
   c. FLUSH WITH 150 GAL HCL.

d. FLUSH WITH FULL LOAD OF WATER (TUBING LOAD + CASING BETWEEN PKR & RBP) APPROX 25 BARRELS OF 2% KCL WATER.

7. RELEASE RBP & TREATING PKR, ISOLATE TOP 2 ZONES FROM 5822-5868'.
8. ACIDIZE ZONE WITH 1300 GAL 15% HCL (SEE ATTACHED HALLIBURTON ACID JOB)
   a. FLUSH WITH 150 GAL HCL.
   b. PUMP 1000 GAL HCL DROPPING 100 BALLS, SPACED EVENLY.
   c. FLUSH WITH 150 GAL HCL.
   d. FLUSH WITH FULL LOAD OF 2% KCL WATER, APPROX 24 BBL.
8. RELEASE RBP & PKR, POOH W/ TOOLS & TBG.

RIH w/ Production Equipment

1. RIH W/ 2 3/8" TBG, SET SN @ 6000' W/ 2 7/8" X 4' PS W/ BP.
2. PU RODS (SEE ATTACHED RODSTAR SUMMARY) & PUMP.
3. LOAD & TEST.

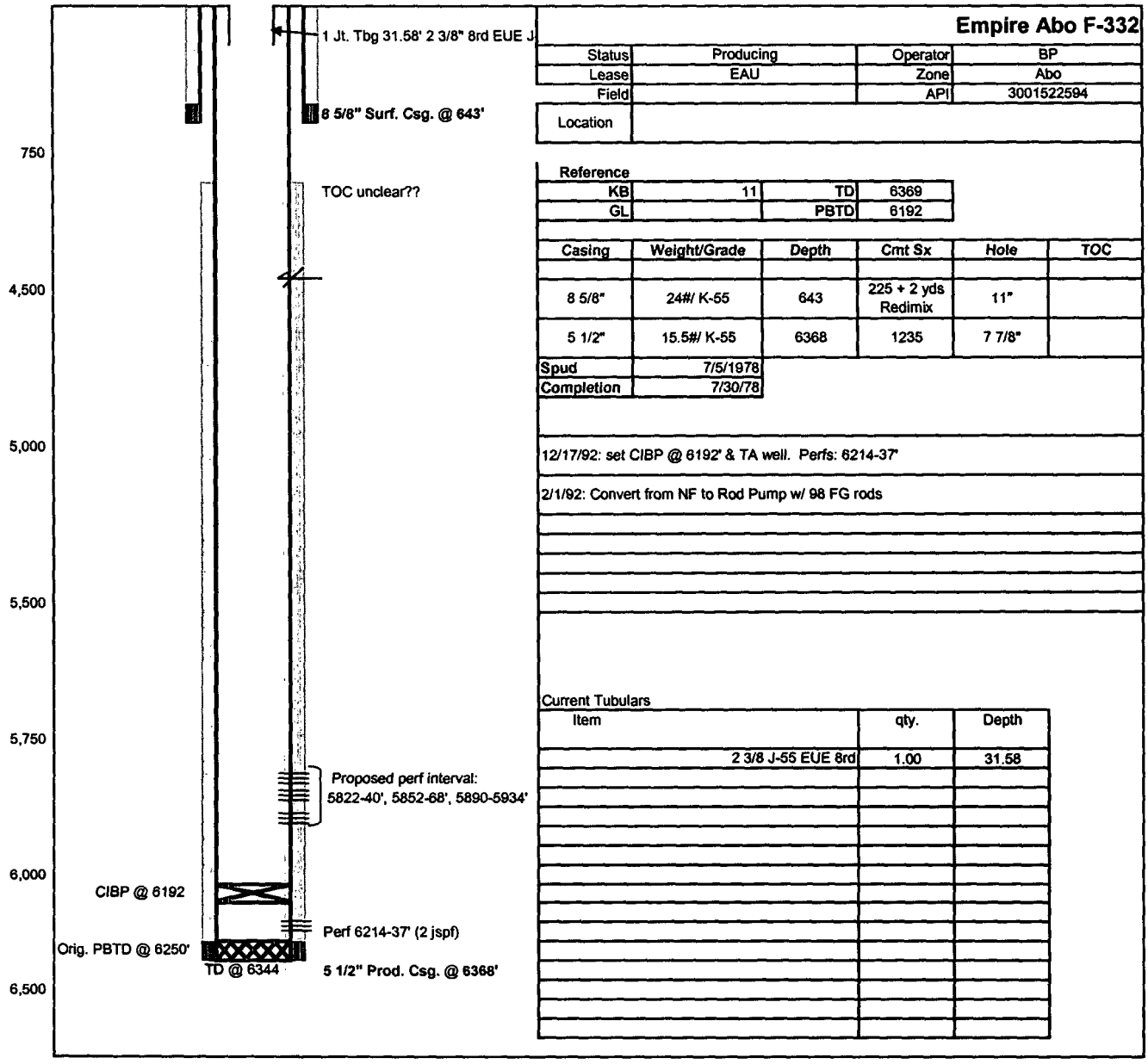
Hazard	Effect	Mitigation
Gas, H2S, or fluid release	Possible injury or death to personnel, damage to equipment & environment	➢ Pre job inspection of hose and piping equipment ➢ Check all connections & make sure all are tight
Loss of well control	Possible injury to personnel, damage to wellbore, damage to environment	➢ Install pressure control – BOP's (change pipe rams) ➢ Have TIW valve on floor – capable of stabbing in 4 ½" LTC & full opening ➢ Frequent BOP drills
Falling from height	Possible injury or death to personnel	➢ Use work platform ➢ 100% tie-off
Pulling Unit Equipment Failure Objects falling from derrick	Possible injury or death to personnel, damage to equipment or wellbore	➢ Inspection of derrick ➢ Pre job inspection of rig after RU.
Hazard	Effect	Mitigation
H2S	Possible injury or death to personnel, or other people damage to equipment or wellbore or environment	➢ Monitor H2S levels continuously ➢ Pre job inspection of H2S equipment and Breathing equipment ➢ Available phone contacts in case gas escapes into evriornment ➢ All employees H2S trained.
Pinch Point	Possible injury to personnel	➢ Have proper ppe. Avoid line of fire. Use proper tools.
Moving Equipment	Possible injury or death to personnel	➢ Keep hands & other body parts away from moving parts ➢ Ensure wearing no loose clothing
High pressure pumping equipment w/corrosive fluid (15% Acid)	Possible injury or death to personnel, damage to equipment or wellbore or environment	➢ Line of fire practices ➢ Pressure test lines repair all leaks before pumping acid ➢ HAZ Mat Training ➢ Available phone contacts in case of environmental spill
H2S during Acid Flowback procedures:	Possible injury or death to personnel, or other people damage to equipment or wellbore or environment	➢ Monitor H2S levels continuously & Wind direction ➢ Pre job inspection of H2S equipment and Breathing equipment ➢ All employees H2S trained. ➢ Safety precautions around return outlets during sampling of swabbed liquids or monitoring returns. ➢ Precautions around swab tanks where H2S can come out of solution and concentrate above the surface of the water. Dangerously high levels of H2S have been recorded after acid stimulations for iron

		sulfide problems. Duration of high concentration is very short term but dangerous and life threatening in wells with normal H2S concentrations as low as 10 PPM.

Prepared by: Kyle Golson

REVIEWED BY: _____

APPROVED BY: _____



Empire Abo F-332

Status	Producing	Operator	BP
Lease	EAU	Zone	Abo
Field		API	3001522594
Location			

Reference

KB	11	TD	6369
GL		PBTD	6192

Casing	Weight/Grade	Depth	Cmt Sx	Hole	TOC
8 5/8"	24#/ K-55	643	225 + 2 yds Redimix	11"	
5 1/2"	15.5#/ K-55	6368	1235	7 7/8"	

Spud	7/5/1978
Completion	7/30/78

12/17/92: set CIBP @ 6192' & TA well. Perfs: 6214-37'

2/1/92: Convert from NF to Rod Pump w/ 98 FG rods

Current Tubulars

Item	qty.	Depth
2 3/8 J-55 EUE 8rd	1.00	31.58