

OCD-ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

JUL 10 2006

OCD-ARTESIA

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

3a. Address
P.O. BOX 3092, RM 6.115, HOUSTON, TX 77253

3b. Phone No. (include area code)
281-366-2052

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**UL M, SEC. 10-18S-27E
986' FSL & 330' FWL**

5. Lease Serial No.

NM-025604

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**EMPIRE ABO UNIT P
9**

9. API Well No.

30-015-00862

10. Field and Pool, or Exploratory Area

EMPIRE ABO

11. County or Parish, State

EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>WORKOVER ON</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>TA WELL</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

PLS REFER TO SUNDRY NOTICE DATED 04/25/06 WHICH ALEXIS SWOBODA GAVE A 60 DAY EXTENSION (TO 06/29/06) TO TA STATUS THAT WAS DUE TO EXPIRE ON 04/29/06.

DRILL OUT CIBP, TREAT, & CONVER TO ROD PUMP (SEE ATTACHED PROCEDURES AND WELLBORE SCHEMATIC):

- 1) DRILL OUT CIBP @ 5709'
- 2) TREAT EXISTING PERFS OF 5749'-5769' WITH 30 BELS. OF XYLENE TREATMENT
- 3) RIH WITH PUMP & RODS
- 4) RD, FU, & CLEAN LOCATION
- 5) MONITOR WELL FOR RESULTS

Accepted for record
NMOCD

APPROVED
JUL - 5 2006
(ORIG. SGD.) ALEXIS C. SWOBODA
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

SUE SELLERS

Sue Sellers

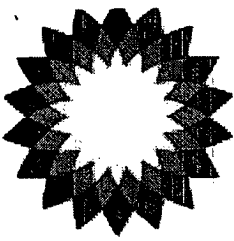
Title

REGULATORY STAFF ASSISTANT

Date **06/27/06**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	



bp

EAU P-9

Page 1

WORKOVER PROCEDURE EAU P-9: DO CIBP, Run Prod. Equipment, Convert to Pump

DATE: 5/31/06

PAY KEY #:

WELL: EAU P-9

DRILLED: 9/22/60

FIELD: EAU

COUNTY: Eddy, NM

BY: Kyle Golson

TD: 5958

PBTD: 5709 (CIBP)

DATUM: 16' KB

CASING: SURFACE:	SIZE	WEIGHT	GRADE	SET @	SX CMT	TOC
INTERMEDIATE:	8 5/8"	24#	J-55	1506	365	
PRODUCTION:	5.5"	14#	J-55	5958	850	1040 (temp survey)
LINER:	None					

TUBING: 1 Jt. 2 3/8 4.7# EUE 8RD J-55;

MUD ANCHOR:

SEATING NIPPLE:

PACKER:

PERFORATIONS: 5749-69' (plugged w/ CIBP @ 5709); CR @ 5780 w/ cmt beneath

HISTORY AND BACKGROUND: TA'd 5/20/94

SCOPE OF WORK: Drill out CIBP, treat, convert to rod pump.

PROCEDURE

MIRU, POOH 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	<ul style="list-style-type: none"> > 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	<ul style="list-style-type: none"> > Line of fire practices > Pressure test lines

3. MIRU PU

Hazard	Effect	Mitigation
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H2S	Possible injury or death to personnel, or other people damage to equipment or wellbore or environment	<ul style="list-style-type: none"> ➤ Monitor H2S levels continuously ➤ Pre job inspection of H2S equipment and Breathing equipment ➤ Available phone contacts in case gas escapes into environment ➤ All employees H2S trained.
High pressure pumping equipment	Possible injury or death to personnel, damage to equipment	<ul style="list-style-type: none"> ➤ 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	<ul style="list-style-type: none"> ➤ Inspection of derrick ➤ Pre job inspection of rig after RU.

4. INSTALL BOP
5. POH WITH TBG AND LAY DOWN.
6. PICK UP 2 3/8" WORKSTRING AND RIH W/ DRILL COLLARS AND DRILL BIT TO CIBP @ 5709'

Drill Out CIBP @ 5709':

7. MIRU FOAM AIR UNIT
8. BEGIN DRILLING ON PLUG. KNOCK OUT PLUG & CHASE TO BOTTOM.
9. RDMO REVERSE UNIT, POOH W/ WORKSTRING, DRILL COLLARS & BIT.

Xylene Treatment (or Nalco Paraffin Chemical)

10. RIH WITH TBG & SET TAC @ 5675'
11. SET SN @ ~5770' (DEPENDS UPON PBTD) WITH 2 3/8 4' PERFORATED/SLOTTED SUB W/ BP.
12. PUMP 30 BBL XYLENE OR NALCO PARAFFIN CHEMICAL (HAND).

Hazard	Effect	Mitigation
High pressure pumping equipment	Possible injury or death to personnel, damage to equipment	<ul style="list-style-type: none"> ➤ Line of fire practices ➤ Pressure test lines
Dropped pipe in hole	Possible damage to well	<ul style="list-style-type: none"> ➤ 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	<ul style="list-style-type: none"> ➤ Line of fire practices ➤ Inspection of lifting equipment
Loss of well control	Possible injury to personnel, damage to wellbore, damage to environment	<ul style="list-style-type: none"> ➤ Install pressure control – BOP's (change pipe rams) ➤ Have TIW valve on floor – capable of stabbing in 4 1/2" LTC & full opening ➤ Frequent BOP drills
Falling from height	Possible injury or death to personnel	<ul style="list-style-type: none"> ➤ Use work platform ➤ 100% tie-off

Run Pump & Production Equipment:

- 13. RIH WITH PUMP AND RODS. SEE ATTACHED ROD STAR SUMMARY FOR ROD DESIGN.
- 14. HANG WELL ON. LOAD AND TEST.
- 15. TURN PUMP ON.
- 16. RDMO PU AND CLEAN LOC.
- 17. MONITOR WELL FOR RESULTS

Prepared by: Kyle Golson

REVIEWED BY: _____

APPROVED BY: _____

Abbreviated Artificial Lift Design

Project: EAU P-9 Artificial Lift Revision

New Rod Design:

Grade/Material	Size (Inches)	Footage	Number of Rods
C	7/8"	2070	82 +/-
C	3/4	2200	88
C	7/8"	1500	60

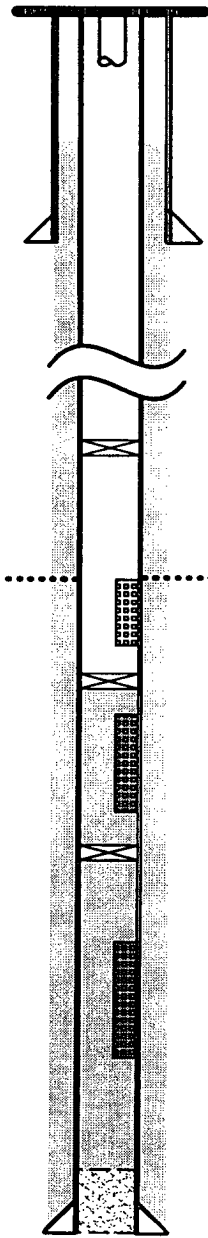
Comments: _____

Pump Requirements: Pump: 2x1.25x18'

Pumping Unit Requirements: Stroke Length @ 107.7" (3rd hole).
Speed @ 8 spm

Empire Abo Unit 'P' 9

Potential
Perforation
Zones



--- KB at 3473' above sea level (Used as the Datum)
Well is currently shut in

--- Top of Cement at 1040' (by temp survey)

--- 8-5/8" - 24# casing set at 1506' (11" hole)

--- CIP set at 5709'

--- Top of Abo at 5749'

--- Perforations 5749' - 5769' w/ 2 JSFF

--- CR set at 5780' w/ cmt beneath (FBTD 5780')

--- Perforations 5790' - 5820' Squeezed off

--- CR set at 5833' w/ cmt beneath

--- Perforations 5860' - 5896' Squeezed off

--- Original FBTD at 5930'

--- 5-1/2" - 14# casing set at 5958' (7 7/8" hole)