

Form 3160-5  
(April 2004)  
Month - Year  
MAR - 5 2007  
OCD - ARTESIA, NM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**OCD-ARTESIA**

FORM APPROVED  
OMB NO. 1004-0137  
Expires March 31, 2007

**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**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

BP America Production Company

3a. Address

P.O. Box 1089 Eunice NM 88231

3b. Phone No. (include area code)

505.394.1650

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL M, 986' FSL & 330' FWL  
SECTION 10, T18S, R27E

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 9

'P'

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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleat 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 recompleat 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.)

ID: 5958' PBID: 5780' PERFS: 5749'-5769'

Drill out CIBP @ 5709', treat, and convert to rod pump, to return well to production, per attached Operations Summary report.

RTP 12/16/06

24 hr. well test: 01/05/07 - 1 bbl. oil, 33 bbls. water, 45 mcf gas.

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

Vicki Owens

*Vicki Owens*

Title

Administrative Assistant

Date 02/13/07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted for record - NMOCD

ACCEPTED FOR RECORD  
MAR 1 2007  
FREDERICK WRIGHT  
PETROLEUM ENGINEER

3/2/07

## Operations Summary Report

Legal Well Name : EMPIRE ABO UNIT P #9  
 Common Well Name : EMPIRE ABO UNIT P #9  
 Event Name : WORKOVER  
 Contractor Name : KEY  
 Rig Name :

Spud Date: 9/1/1960  
 Start: 11/21/2006 End: 12/4/2006  
 Rig Release: 12/4/2006  
 Rig Number: 336

Date	From - To	Hours	Task	Code	NPT	Phase	Description of Operations
11/21/2006	09:00 - 10:00	1.00		P		LOWER1	FIELDMOVE PU
	10:00 - 13:00	3.00		N	WAIT	LOWER1	WAIT ON FORK LIFT & TRUCK TO MOVE SURFACE EQUIPMENT
	13:00 - 14:00	1.00		P		LOWER1	RIGUP PU
	14:00 - 14:30	0.50		P		LOWER1	NIPPLE UP BOP'S
	14:30 - 15:00	0.50		P		LOWER1	TEST CSG TO 500 PSI OK
	15:00 - 16:30	1.50		P		LOWER1	MOVE IN UNLOAD & RACK TBG- PREP TO PICKUP TBG
11/22/2006	16:30 - 17:30	1.00		P		LOWER1	TRAVEL FROM LOC
	05:30 - 06:30	1.00		P		LOWER1	TRAVEL TO EAU OFFICE
	06:30 - 07:00	0.50		P		LOWER1	SAFETY MEETING & JSA'S
	07:00 - 10:00	3.00		P		LOWER1	PICKUP TBG & TAG CIBP @ 5709'
	10:00 - 11:30	1.50		P		LOWER1	TOH W/ TBG
	11:30 - 15:30	4.00		N	WAIT	LOWER1	WAIT FOR DRLG EQUIPMENT
11/23/2006	15:30 - 16:30	1.00		P		LOWER1	TRAVEL FROM LOC
	05:30 - 15:30	10.00		N		LOWER1	THANKSGIVEING
11/24/2006	05:30 - 15:30	10.00		N		LOWER1	THANKSGIVEING
11/27/2006	05:30 - 07:00	1.50		N	WAIT	LOWER1	WAIT ON FOG TO LIFT
	07:00 - 08:00	1.00		P		LOWER1	TRAVEL TO LOC
	08:00 - 08:30	0.50		P		LOWER1	JSA'S
	08:30 - 11:00	2.50		P		LOWER1	PICKUP BHA - TIH W/ TBG
	11:00 - 13:00	2.00		P		LOWER1	RIGUP POWER SWIVEL & SURFACE EQUIPMENT TO DRLG
	13:00 - 14:00	1.00		P		LOWER1	MILL OUT CIBP PUSH TO 5780' ( PBTD )
11/28/2006	14:00 - 14:30	0.50		P		LOWER1	RIGDOWN SWIVEL & DRLG EQUIPMENT
	14:30 - 16:30	2.00		P		LOWER1	TOH W/ TBG LAYDOWN BHA
	16:30 - 17:30	1.00		P		LOWER1	TRAVEL FROM LOC
	05:30 - 06:30	1.00		P		LOWER1	TRAVEL TO LOC
	06:30 - 07:00	0.50		P		LOWER1	SAFETY MEETING & JSA'S
	07:00 - 08:00	1.00		P		LOWER1	START IN HOLE W/ PROD TBG
11/29/2006	08:00 - 08:30	0.50		P		LOWER1	BOP DRILL
	08:30 - 16:30	8.00		N	WAIT	LOWER1	SHUT DOWN DUE TO HIGH WINDS
	16:30 - 17:30	1.00		P		LOWER1	TRAVEL FROM LOC
	05:30 - 06:30	1.00		P		LOWER1	TRAVEL TO EAU OFFICE
	06:30 - 07:00	0.50		P		LOWER1	SAFETY MEETING & JSA'S
	07:00 - 08:30	1.50		P		LOWER1	FINISH TIH W/ PROD TBG
11/30/2006	08:30 - 09:30	1.00		P		LOWER1	N/D BOP N/U WH
	09:30 - 15:00	5.50		P		LOWER1	SWAB 30 BBL BLACK WATER ( NO OIL OR GAS )
	15:00 - 16:00	1.00		P		LOWER1	STARTING FLUID LEVEL 4000' END FLUID LEVEL 4000'
	16:00 - 17:00	1.00		P		LOWER1	PUMP 30BBL NALCO HAND TREATMENT LET SOAK OVERNIGHT
	05:30 - 16:30	11.00		N	WAIT	LOWER1	TRAVEL FROM LOC
	12/1/2006	05:30 - 06:30	1.00		P		LOWER1
12/4/2006	06:30 - 07:00	0.50		P		LOWER1	TRAVEL TO EAU OFFICE
	07:00 - 10:30	3.50		P		LOWER1	SAFETY MEETING & JSA'S
	10:30 - 15:30	5.00		P		LOWER1	SWAB 15 BBL BLACK WATER ( NO GAS OR OIL ) FLUID LEVEL STAYING @ 4000'
	15:30 - 16:30	1.00		P		LOWER1	PREP & PICKUP PUMP & RODS
	16:30 - 17:30	1.00		N	WAIT	LOWER1	WAIT ON ELEC.
	05:30 - 06:30	1.00		P		LOWER1	TRAVEL FROM LOC
12/4/2006	06:30 - 07:00	0.50		P		LOWER1	TRAVEL TO EAU OFFICE
	07:00 - 09:00	2.00		P		LOWER1	SAFETY MEETING & JSA'S
				P		LOWER1	HANG WELL ON LOAD & TEST TO 500PSI OK- CK PUMP ACTION GOOD

## Operations Summary Report

Legal Well Name : EMPIRE ABO UNIT P #9

Common Well Name : EMPIRE ABO UNIT P #9

Event Name : WORKOVER

Contractor Name : KEY

Rig Name :

Start: 11/21/2006      Spud Date: 9/1/1960  
End: 12/4/2006

Rig Release: 12/4/2006

Rig Number: 336

Date	From - To	Hours	Task	Code	NPT	Phase	Description of Operations
12/4/2006	09:00 - 10:30	1.50		P		LOWER1	RIGDOWN CLEAN LOC - RTP

## Wellbore Equipment Report

Well: EMPIRE ABO UNIT P #9	Event: WORKOVER	RT/KB Elev: 0.00 (ft)
Well ID:	Event Start: 11/21/2006	Ground Elev: 0.00 (ft)
Field: EMPIRE ABO	Event End: 12/4/2006	KB to GL: 0.00 (ft)
Spud: 9/1/1960	Well Type:	Mudline Elev: 0.00 (ft)

**TUBING** Installed: 11/29/2006    Top: 0.00 (ft)    Wellbore: OH  
Bottom: 5,764.63 (ft)

Component	Size (in)	Jts	Length (ft)	Top Set (ft)	Weight (lb/ft)	Grade	Threads	Min ID (in)	Comments
KB	0.000	0	16.00	0.00	0.00			0.000	16' KB
TUBING, 2.375, 4.7#, J-55, EUE	2.375	172	5,610.64	16.00	4.70	J-55	EUE	1.995	172 JTS 2 3/8 TBG
TAC, 2.375 X 5.50	4.919	0	2.73	5,626.64	0.00		EUE	1.995	2 3/8 X 5 1/2 TAC W/15K
TUBING, 2.375, 4.7#, J-55, EUE	2.375	3	97.86	5,629.37	4.70	J-55	EUE	1.995	3 JTS 2 3/8 TBG
TUBING, 2.375, 4.7#, J-55, EUE	2.375	1	31.65	5,727.23	4.70	J-55	EUE	1.995	1 JT 2 3/8 IPC
SEAT NIPPLE, API: 2.375 X 1.780 X	2.375	0	1.10	5,758.88	0.00		EUE	1.780	2 3/8 API SEATING NIPP
PERF. SUB, 2.375, 4.6#, J-55, NU, 4	2.375	0	4.65	5,759.98	4.60	J-55	EUE	1.995	2 3/8 X 4' PS W/ BP

Remarks: TAC SET W/ 15 K TENSION

**SUCKER RODS** Installed: 12/2/2006    Top: 0.00 (ft)    Wellbore: OH  
Bottom: 5,744.00 (ft)

Component	Size (in)	Jts	Length (ft)	Top Set (ft)	Weight (lb/ft)	Grade	Threads	Min ID (in)	Comments
ROD, POLISHED: 1.25	1.250	0	22.00	0.00	0.00			0.000	1 1/4" X 22' PR W/14' LIN
RODS: 0.875 X 25 GRD. C	0.875	80	2,000.00	22.00	0.00	C		0.000	80- 7/8" RODS
RODS: 0.75 X 25 GRD. C	0.750	88	2,200.00	2,022.00	0.00	C		0.000	88- 3/4" RODS
RODS: 0.875 X 25 GRD. C	0.875	60	1,500.00	4,222.00	0.00	C		0.000	60- 7/8" RODS
RODS, PONY: 0.875 GRD. C	0.875	0	4.00	5,722.00	0.00	C		0.000	1- 4'X 7/8" PONY W/GUID
PUMP, RHBC, 2.0 X 1.25 X 18-4	2.000	0	18.00	5,726.00	0.00			1.250	2" X 1 1/4" X 18'
STRAINER: 1.00	1.000	0	0.00	5,744.00	0.00			0.000	1" X 12" STAINER NIPPL

Remarks: Repair Remarks

BUILT NEW PUMP TO RUN IN THIS WELL 20-125-RHBC-18-4 BPG-038 W-BRASS-NI/CARB BARREL

Pump That Was Ran In Hole  
 Lease: E A U P Well # 9  
 Make: API Size: 20-125-RHBC-18-4 TYPE: RHBC  
 Pump # BPG-038 Barrel Type: Brass-Ni/Carb Stroke: 156"  
 PLGR TYPE: SPM-MP GRVD Length: 4' FIT: 0.006  
 Valve: Single Type Ball And Seat: Silicon Nitride/Carbide  
 PIN Size: 7/8" GAC: 1"x12" Strainer Type Holddown: Bttm-Cup  
 Fixed By NEW H-F Vac Held Held 23" Date: 11/22/2006

## AFE vs. Actual Report

Legal Well Name :	EMPIRE ABO UNIT P #9		
Common Well Name :	EMPIRE ABO UNIT P #9	Spud Date:	9/1/1960
Event Name :	WORKOVER	Start:	11/21/2006
Contractor Name :	KEY	End:	12/4/2006
Rig Name :		Rig Release:	12/4/2006
		Rig Number:	336

AFE Number: \_\_\_\_\_ Currency: USD

TAN/INT	COST CODE	SUBCODE OR DESCRIPTION	AFE	ACTUAL	DIFFERENCE	% +/-
INT	CIRCULATING MEDIA	EQUIPMENT AND SERVICES	0	8,575	8,575	0.00%
INT	CONTRACT LABOR	CONSULTANT/WELLSITE LEADE	0	11,270	11,270	0.00%
INT	RENTAL	DOWNHOLE EQUIPMENT	0	7,350	7,350	0.00%
INT	RENTAL	TRANSPORTATION	0	1,875	1,875	0.00%
INT	RENTAL	WELL CONTROL EQUIP /SVC	0	3,700	3,700	0.00%
INT	RIG CONTRACT COST	RATE	0	31,580	31,580	0.00%
INT	SAFETY BONUS	SAFETY BONUS	0	590	590	0.00%

<b>CLASS INT TOTALS</b>	<b>0</b>	<b>64,940</b>	<b>64,940</b>	<b>0.00%</b>
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<b>AFE TOTALS</b>	<b>0</b>	<b>64,940</b>	<b>64,940</b>	<b>0.00%</b>
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