

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
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

Form C-103  
Revised June 10, 2003

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-01720
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name EMPIRE ABO UNIT "E"
8. Well Number 36
9. OGRID Number
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 WELLS BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-103) 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 A : 966.59 feet from the N line and 660 feet from the E line

Section 34 Township 17S Range 28E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3685' GR

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 OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
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.

TD: 6345' PB: 6052' KB: 13' CSG: 4 1/2" - 9.5# PERFS: 5715'-5767'

1. MIRU PU POOH W/ RODS AND PUMP ND WH NU BOP
2. RELEASE TAC POOH W/ TBG AND TAC
3. RIH W/ 3 7/8" BIT AND CSG SCRAPER TO 6050' POOH
4. RU WIRELINE DUMP 15' CMT ON TOP OF CIBP POOH 35' of cement
5. RIH W/ LOGGING TOOLS (TDT LOGS) LOG FROM 6050'-5700'
6. PICK PERFS FROM TDT LOGS ADD PERFS IN ABO REEF
7. RIH W/ PKR AND TBG SPOT 2 BBLs 15% HCL ACROSS ZONE
8. SET PKR AND ACIDIZE W/ 1850 GALS 15% HCL W/ 1.1 SPG BALL SEALERS
9. RELEASE PKR RH AND WIPE OFF BALLS POOH
10. RIH W/ PRODUCTION TBG, PUMP, AND RODS RETURN TO PRODUCTION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jim Pierce TITLE Wells Team lead DATE 9/15/2003

Type or print name Jim Pierce E-mail address: Telephone No.

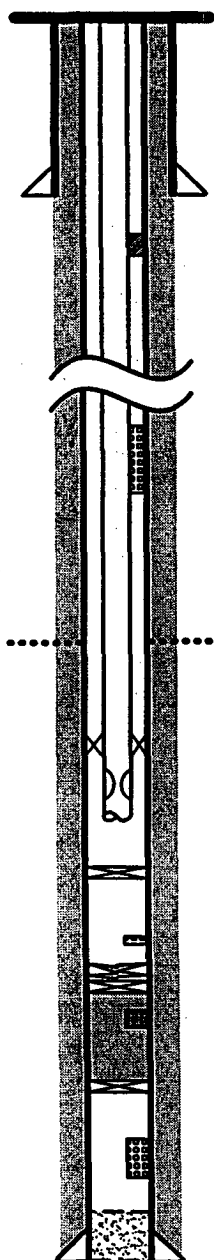
(This space for State use)

APPROVED BY Jim W. Lewis TITLE District Supervisor DATE SEP 17 2003

Conditions of approval, if any: Oper. To submit H2S Contingency Plan if required

# Empire Abo Unit 'E' 36

Potential  
Perforation  
Zones



- KB at 3685' above sea level (Used as the Datum)  
Pumping Well
- Top of Cement at surface
- 8-5/8" - 22.7# casing set at 887' (11' hole)
- Casing Leaks from 956' - 961 Squeezed off
- Perforations 5715' - 5767' (26 holes total)
- Top of Abo at 5880'
- SN set at 5991, AC set at 5960' w/ Mud Anchor  
Tubing: 198jts (5977'), 2 3/8", 4.7#, EUE 8rd, J-55
- CIP set at 6052'
- Perforations 6104 - 6110' Closed off w/ CIP
- CIP pushed to top of CR at 6137'
- CR set at 6140'
- Perforations 6160 - 6174' Squeezed off
- CIP set at 6220'
- Perforations 6258 - 6288' Closed off w/ CIP
- PBTD at 6314'
- 4-1/2" - 9.5# casing set at 6345' (7 7/8" hole)

Well No.	E-36
----------	------

Type of Well
--------------

<input checked="" type="checkbox"/>	Oil
-------------------------------------	-----

<input type="checkbox"/>	Gas
--------------------------	-----

<input type="checkbox"/>	Other
--------------------------	-------

Well API No.	30-015-01720
--------------	--------------

Lease Name	Empire Abo Unit "E"
------------	---------------------

Type of Lease
---------------

<input checked="" type="checkbox"/>	State
-------------------------------------	-------

<input type="checkbox"/>	Fee
--------------------------	-----

Well Location	966.59	ft	From North Line	660	ft	From East Line
---------------	--------	----	-----------------	-----	----	----------------

Section:	34	Township:	17S	Range:	28E	County:	Eddy
----------	----	-----------	-----	--------	-----	---------	------

Elevation	3685	ft above sea level (RDB)
-----------	------	--------------------------

Top of Abo	2195	ft below see level
------------	------	--------------------

Total Depth	6345	ft
-------------	------	----

PBTD	6314	ft
------	------	----

KB	13	ft above GL
----	----	-------------

Datum	KB	(All depths based on KB)
-------	----	--------------------------

Tubing	
--------	--

# of Jts	198 (5977')
----------	-------------

Size	2 3/8"
------	--------

Weight	4.7#
--------	------

Thread	EUE 8rd
--------	---------

Class	J-55
-------	------

Well Status	
-------------	--

<input type="checkbox"/>	Flowing well
--------------------------	--------------

<input checked="" type="checkbox"/>	Pumping well
-------------------------------------	--------------

<input type="checkbox"/>	Shut in
--------------------------	---------

CASINGS					
string #	Hole sz.	Depth	Casing Dmtr.	wt.	
1	11"	887 ft	8 5/8 in	22.7#	
2	7 7/8"	6345 ft	4 1/2 in	9.5#	

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	surface	4 1/2 in		
CIBP	6220 ft	4 1/2 in		
CR	6140 ft	4 1/2 in	w/ cmt beneath	
CIBP	6137 ft	4 1/2 in	knocked to PB	
CIBP	6052 ft	4 1/2 in		
SN	5991 ft	4 1/2 in	w/ Mud Anchor	
AC	5960 ft	4 1/2 in		

Pay Zone
----------

Top of Abo	5880	ft	to	Bottom of Well	6314	ft
------------	------	----	----	----------------	------	----

Top of Abo		ft	Reported
------------	--	----	----------

PERFORATIONS					
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments	
6258 ft	6288 ft	2	7/15/1960	Closed 3/3/88 w/ CIBP	
6160 ft	6174 ft		3/3/1988	Closed 3/4/78 w/ cmt	
6104 ft	6110 ft		3/7/1988	Closed 4/18/91 w/ CIBP	
956 ft	961 ft	Casing Leaks	disc. 10/20/99	Squeezed 10/21/99	
5715 ft	5767 ft	26 holes	10/26/1999		

#### COMMENTS

This well has been perforated above the top of the Abo. There are no further opportunities to perforate.