

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-015-21535

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

EMPIRE ABO UNIT "E"

7. Well No.

371

8. Pool name or Wildcat

EMPIRE ABO

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 1001) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

BP AMERICA

3. Address of Operator

P.O. BOX 1089 EUNICE, N.M. 88231

4. Well Location

Unit Letter D 1195 feet from the N line and 10 feet from the W line

Section 35 Township 17S Range 28E NMPM EDDY County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

13' RKB

11. 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: ☐

12. 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: 6390 PBD: 6135 PERFS: 6156 TO 6166

MIRU PU NU BOP PU 2 3/8" TBG AND RIH W/ BIT AND SCRAPER TP 6134'  
RIH W/ WIRE LINE BAILER AND DUMP 25' CMT ON TOP CIBP @ 6135' POH  
RIH W/ WIRELINE AND PERFORATE W/ 2 JSP 5882 TO 5887, 5919 TO 5930, 5952 TO 5964, 5978 TO 5981, 6008 TO 6018'  
RIH W/ PKR AND 2 3/8" TBG SPOT 151 GAL 15% HCL FORM 6018 TO 5870' PU SET PKR @ 5860'  
AND ACIDIZE W/ 2300 GAL. 15% HCL RELEASE PKR AND POH  
RIH W/ PRODUCTION TBG AND ANCHOR SWAB TEST AND RIH W/ RODS AND PUMP  
RTP

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

SIGNATURE Jim Pierce TITLE Well Specialist DATE 4-3-2003

Type or print name Jim Pierce Telephone No.

(This space for State use)

APPROVED BY Jim W. Green TITLE District Supervisor DATE APR 10 2003

Conditions of approval, if any:

## E-371 Workover Procedure

1. MIRU PU.
2. ND WH. NU BOP.
3. POH w/ TBG. Note: Should only be 1 jt.
4. PU 2 3/8" TBG string.
5. GIH w/ 4 3/4" bit and csg. scraper to 6134. (Note: CIBP @ 6135) POH.
6. RU wire line.
7. RU dump bailer. GIH and dump 25' of cement on top of CIBP @ 6135'. POH.
8. GIH and perf. w/ 2 JSPF 5882 to 5887, 5919 to 5930, 5952 to 5964, 5978 to 5981 and 6008 to 6018. (from Dresser Atlas Gamma Ray Neutron Log dated 07-01-75) POH.
9. GIH w/ Treating PKR and 2 3/8" tbg.
10. Spot 151 gal. 15% HCL NEFE acid from 6018 to 5870.
11. PU set Treating PKR @ 5860'.
12. Acidize perms. from 6018 to 5882 w/ 2300 gal. 15% HCL NEFE acid, dropping 3 ball sealers every 50 gallons. Displace w/ 23 bbls. 2% KCL wtr.
13. Release PKR. GIH and wipe off balls. POH.
14. RIH w/ Bull Plugged MA, Perf Sub, API SN and 2 3/8" TBG. Land SN @ + or - 6018'.
15. ND BOP. NU WH.
16. Swab for Test
17. RD PU
18. RTP

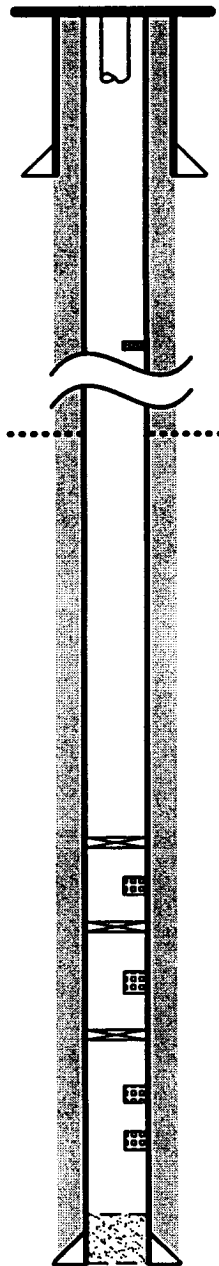
Evaluate for rod pump.

OFF SET ON E-362

# Empire Abo Unit 'E' 371

Potential  
Perforation  
Zones

261



--- KB at 3697' above sea level (Used as the Datum)  
Well is currently shut in

--- 1jt 2 3/8", 4.7#, EUE 8rd, J-55 tubing left in hole

--- Top of Cement at surface

--- 8-5/8" - 24# casing set at 1000' (11" hole)

--- 4 Squeeze holes at 3302', Squeezed off

--- Top of Abo at 5895'

--- CIBP set at 6135'

--- Perforations 6156' - 6166' Closed off w/ CIBP

--- CIBP set at 6185'

--- Perforations 6211' - 6225' Closed off w/ CIBP

--- CIBP set at 6250'

--- Perforations 6280' - 6290' Closed off w/ CIBP

--- Perforations 6306' - 6318' Closed off w/ CIBP

--- PBTD at 6354'

--- 5-1/2" - 14# / 17# casing set at 6390' (7 7/8" hole)

Well No. E-371

Type of Well

X Oil

Gas

Other

Well API No. 30-015-21535

Lease Name Empire Abo Unit "E"

Type of Lease

X State

Fee

Well Location 1195 ft From North Line 10 ft From West Line  
Section: 35 Township: 17S Range: 28E County: Eddy

Elevation 3697 ft above sea level (RDB)  
Top of Abo 2200 ft below see level  
Total Depth 6390 ft  
PBTD 6354 ft  
KB 11 ft above GL  
Datum KB (All depths based on KB)

Tubing  
# of Jts 1 (30')  
Size 2 3/8"  
Weight 4.7#  
Thread EUE 8rd  
Class J-55

Well Status  
Flowing well  
Pumping well  
X Shut in

CASINGS				
string #	Hole sz.	Depth	Casing Dmtr.	wght.
1	11"	1000 ft	8 5/8 in	24#
2	7 7/8"	6165 ft	5 1/2 in	14#
2	7 7/8"	6390 ft	5 1/2 in	17#

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	surface	5 1/2 in		
CIBP	6250 ft	5 1/2 in		
CIBP	6185 ft	5 1/2 in		
CIBP	6135 ft	5 1/2 in		

Pay Zone  
Top of Abo 5897 ft to Bottom of Well 6354 ft  
Top of Abo 5895 ft Reported

PERFORATIONS				
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
3302 ft		4 Squeeze Holes	6/26/1975	Squeezed 6/26/79
6280 ft	6290 ft	2	7/3/1975	Closed 2/9/87 w/ CIBP
6306 ft	6318 ft	2	7/3/1975	Closed 2/9/87 w/ CIBP
6211 ft	6225 ft	2	2/9/1987	Closed 2/12/87 w/ CIBP
6156 ft	6166 ft	2	2/12/1987	Closed 3/28/91 w/ CIBP

#### COMMENTS

There is a 261 ft interval from the top of the Abo at 5895 ft to the top of the perforations at 6156 ft that can be perforated.