

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 June 10, 2003

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.)		WELL API NO. 330-015-21535
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP AMERICA PRODUCTION COMPANY		6. State Oil & Gas Lease No.
3. Address of Operator P.O. BOX 1089 EUNICE, NM, 88231		7. Lease Name or Unit Agreement Name EMPIRE ABO UNIT "E"
4. Well Location Unit Letter <u>D</u> : <u>1195</u> feet from the <u>NORTH</u> line and <u>10</u> feet from the <u>WEST</u> line Section <u>35</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>EDDY</u> County		8. Well Number 371
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3697' GR		9. OGRID Number
		9. Pool name or Wildcat ABO

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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: 6390' PB: 6354' KB: 11' CSG: 5 1/2" - 17# CIBP SET @ 6135'

1. MIRU PU ND WH NU BOP PICK UP 2 3/8" TBG
2. RIH W/ 4 3/4" BIT AND CSG SCRAPER TO 6135' POOH W/ TBG, SCRAPER AND BIT
3. RU WIRE LINE DUMP 25' CMT ON TOP OF CIBP @ 6135' POOH W/ WIRE LINE
4. RIH W/ LOGGING TOOLS AND RUN TDT LOGS ACROSS ABO REEF TO PICK PERFS. FROM
5. RIH AND PERFORATE WELL FROM TDT LOGS IN ABO REEF 2 JSPF POOH RD WIRE LINE UNIT
6. RIH W/ PKR AND TBG RU ACID TRUCKS TO ACIDIZE PERFS W/ 2500 GAL 15% NEFE ACID
7. POOH AND RIH W/ PRODUCTION TBG AND SWAB TEST WELL
8. RIH W/ PUMP AND RODS HANG WELL ON 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 9/22/2003

Type or print name Jim Pierce E-mail address: Telephone No. (505) 677-3642

(This space for State use)

APPROVED BY Jim W. Burns TITLE District Supervisor DATE SEP 27 2003

Conditions of approval, if any:

E-371

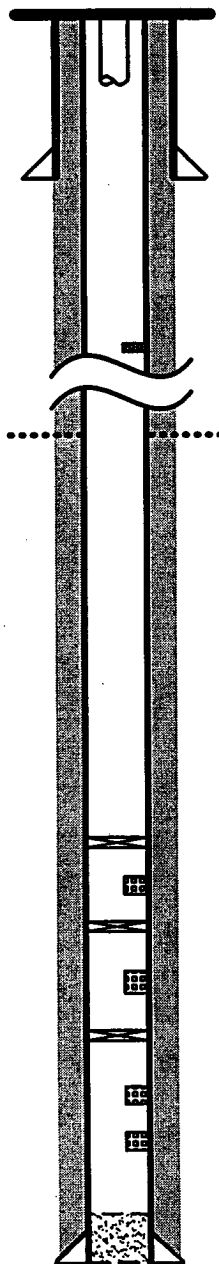
Workover Procedure

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.

Empire Abo Unit 'E' 371

Potential
Perforation
Zones



--- 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

☒ Oil

☐ Gas

☐ Other

Well API No. 30-015-21535

Lease Name Empire Abo Unit "E"

Type of Lease

☒ 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
PBSD 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
☒ 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.