

• 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.
30-015-02614

Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
647

7. Lease Name or Unit Agreement Name
EMPIRE ABO UNIT "J"

8. Well Number
23

9. OGRID Number

9. Pool name or Wildcat
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 C-101) 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 G : 1980 feet from the NORTH line and 1980 feet from the EAST line

Section 6 Township 18S Range 28E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3671' 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: 6248' PB: 6205' KB: 11' CSG: 5 1/2" - 14# PERFS: 5940' - 6000'

1. MIRU PU ND WH NU BOP UNSET PKR & POOH W/ 2 3/8" TBG & PKR
2. RIH W/ 4 3/4" BIT AND DRILL OUT CIBP @ 6100' TO PB
3. POOH W/ TBG AND BIT
4. RIH W/ LOGGING TOOLS AND RUN TDT LOGS ACROSS ABO REEF TO PICK PERFS.
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/ 3500 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 W. 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)

Jim W. Pierce

District Supervisor

APPROVED BY

TITLE

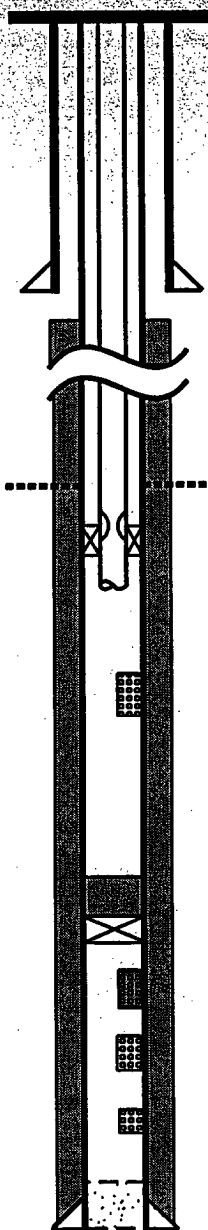
DATE

SEP 27 2003

Conditions of approval, if any:

Empire Abo Unit "J" 23

Potential
Perforation
Zones



--- KB at 3682' above sea level (Used as the Datum)
Flowing well

--- 8-5/8" - 24# casing set at 551' (11" hole)
--- Top of Cement at 4950'

--- Top of Abo at 5837'

--- PKR set at 5892', SN set at 5885'
Tubing: 202 jts (5874'), 2 3/8", 4.7#, EUE 8rd, J-55

--- Perforations 5940' - 6000' w/ 2 JSPF

--- CIBP set at 6100' w/ 2 sx cement on top

--- Perforations 6131' - 6147' Squeezed off

--- Perforations 6184' - 6194' Closed off w/ CIBP

--- Perforations 6225' - 6235' Closed off w/ CIBP

--- PBTD at 6240'

--- 5-1/2" - 14# casing set at 6241' (7 7/8" hole)

Well No.	J-23
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Type of Well

X	Oil
	Gas
	Other

Well API No.	30-015-02614
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Lease Name	Empire Abo Unit "J"
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Type of Lease

X	State
	Fee

Well Location	1980	ft	From North Line	1980	ft	From East Line	
Section:	6	Township:	18S	Range:	28E	County:	Eddy

Elevation	3682	ft RDB
Top of Abo	2155	ft below see level
Total Depth	6241	ft
PBTD	6240	ft
KB	11	ft above GL
Datum	KB	

Tubing	
# of Jts	202 (5874')
Size	2 3/8"
Weight	4.7#
Thread	EUE 8rd
Class	J-55

Well Status	
X	Flowing well
	Pumping well
	Shut in

CASINGS					
string #	Hole sz.	Depth	Casing Dmtr.	wght.	
1	11"	551 ft	8.625 in	24#	
2	7 7/8"	6241 ft	5.5 in	14#	

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	4950 ft	5.5 in		
CIBP	6100 ft	5.5 in		
2 sx cmt on BP	6080 ft	5.5 in		
PKR	5892 ft	5.5 in	Model "R" PKR	
SN	5885 ft	5.5 in		

Pay Zone				
Top of Abo	5837 ft	to	Bottom of Well	6240 ft
Top of Abo	5762 ft	Reported		

PERFORATIONS					
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments	
6131 ft	6147 ft	2	1/28/1960	Closed 4/23/79 w/ cmt	
6225 ft	6235 ft	4 (perfd 2x @ 2 JSPF)	5/2/1979	Closed 6/16/97 w/ CIBP	
6184 ft	6194 ft	2	5/9/1979	Closed 6/16/97 w/ CIBP	
5940 ft	6000 ft	2	6/18/1997		

COMMENTS
There are two opportunities to perforate in this well: a 103 ft section from the top of the Abo at 5837 ft to the top of the perforations at 5940 ft, and an 80 ft section from the bottom of the perforations at 6000 ft to the cement on the CIBP at 6080 ft.