

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. 30.015.22910
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 "F"
8. Well Number 334
9. OGRID Number 000778
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 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 E : 1700 feet from the N line and 620 feet from the W line

Section 34 Township 17S Range 28E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3686' 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: 6350' PB: 6304' PERFS: 6166'-6176' TOC @ SURFACE (POOR BONDING NEAR SURFACE)

1. MIRU PU ND WH NU BOP
2. PICK UP 2/38" TBG RIH TAG CIBP @ 6158' SPOT ^{35'} CMT ON TOP CIBP
3. CIRCULATE 9.5 # KCL MUD AND TEST CSG TO 300#
4. PUH AND SPOT 25 SX CMT ACROSS GLORIETA @ 3609'-3709' (100' PLUG)
5. WOC AND TAG TOP OF PLUG
6. PUH SPOT 25 SX CMT ACROSS CSG SHOE 800'-700' ^{TAG}
7. PUH AND SPOT 25 SX CMT ACROSS YATES @ 600'-500'
8. WOC AND TAG TOP OF PLUG
9. POOH W/ TBG RIH W/ PERF GUNS PERFORATE @ 60'
10. RIH W/ TBG AND PKR SQUEEZE CMT TO SURFACE INSIDE OF 8 5/8" POOH
11. RIH W/ TBG SPOT CMT 60' TO SURFACE IN 5 1/2"
12. WOC 24 HRS AND TAG
13. CUT OFF WELL HEAD AND ACHORS CLEAN LOCATION RD

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

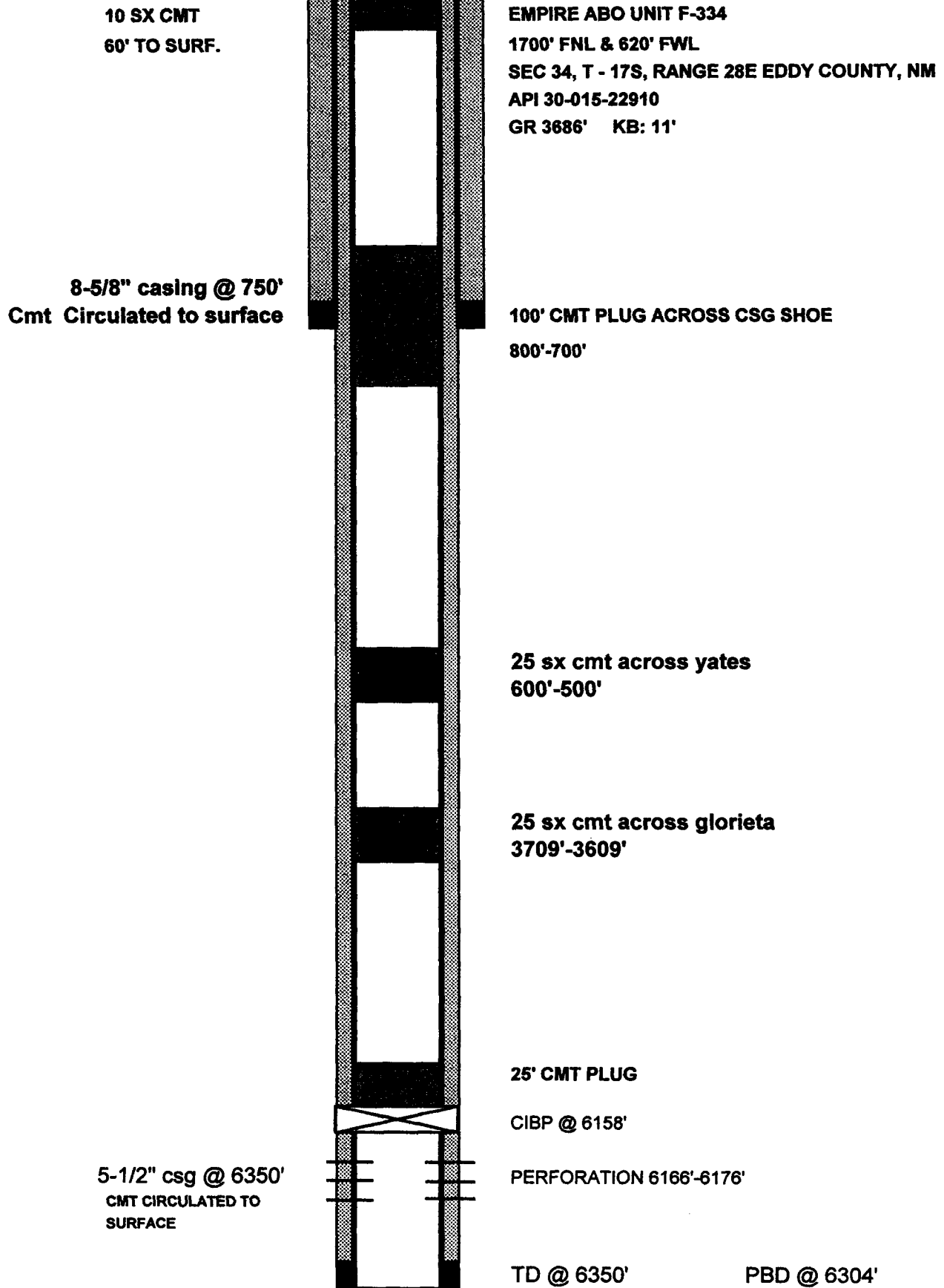
SIGNATURE Jim Pierce TITLE Wells Team Lead DATE 8/26/03

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

(This space for State use)

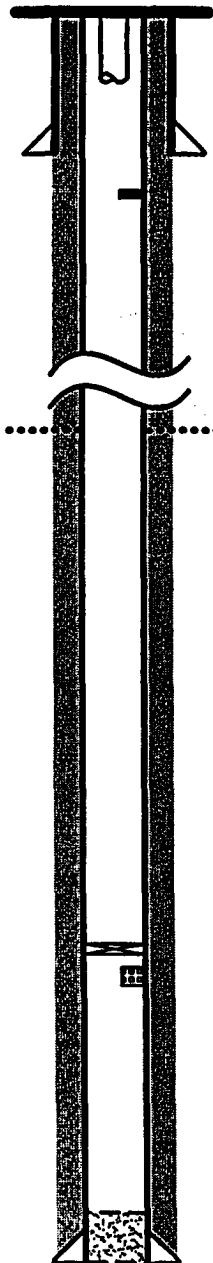
APPROVED BY Field Rep 11 DATE 9-3-03
Conditions of approval, if any:

WELLBORE SCHEMATIC



Empire Abo Unit 'F' 334

Potential
Perforation
Zones



- KB at 3686' above sea level (Used as the Datum)
Well is currently shut in
- 1 joint (31) 2 3/8", 4.7#, EUE 8rd, J-55 tubing left in hole
- Top of Cement at surface (poor bonding near surface)
- 8-5/8" - 24# casing set at 750' (11" hole)
- Squeeze Hbles at 770', Squeezed off

----- Top of Abo at 5862'

- CIBP set at 6158'
- Perforations 6166' - 6176' Closed off w/ CIBP

- PBTD at 6304'
- 5-1/2" - 15.5# casing set at 6350' (7 7/8" hole)

Well No.	F-334
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Type of Well

<input checked="" type="checkbox"/>	Oil
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<input type="checkbox"/>	Gas
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<input type="checkbox"/>	Other
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Well API No.	30-015-22910
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Lease Name	Empire Abo Unit "F"
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Type of Lease

<input checked="" type="checkbox"/>	State
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<input type="checkbox"/>	Fee
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Well Location	1700	ft	From North Line	620	ft	From West Line	
Section:	34	Township:	17S	Range:	28E	County:	Eddy

Elevation	3686	ft above sea level (RDB)
Top of Abo	2175	ft below see level
Total Depth	6350	ft
PBTD	6304	ft
KB	11	ft above GL
Datum	KB	(All depths based on KB)

Tubing	
# of Jts	1 (32')
Size	2 3/8"
Weight	4.7#
Thread	EUE 8rd
Class	J-55

Well Status	
<input type="checkbox"/>	Flowing well
<input type="checkbox"/>	Pumping well
<input checked="" type="checkbox"/>	Shut in

CASINGS				
string #	Hole sz.	Depth	Casing Dmtr.	wght.
1	11"	750 ft	8 5/8 in	24#
2	7 7/8"	6350 ft	5 1/2 in	15.5#

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	surface	5 1/2 in	poor bond near surf.	
CIBP	6158 ft	5 1/2 in		

Pay Zone				
Top of Abo	5861 ft	to	Bottom of Well	6304 ft
Top of Abo	5862 ft	Reported		

PERFORATIONS				
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
770 ft		Squeeze Holes	6/1/1979	Squeezed 6/4/79
6166 ft	6176 ft	2	6/8/1979	Closed 6/7/91 w/ CIBP

COMMENTS
There is a 304 ft interval from the top of the Abo at 5862 ft to the top of the perforations at 6166 ft that can be perforated.