

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. 30.015.01647
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 "H"
4. Well Location Unit Letter <u>H</u> : <u>660</u> feet from the <u>S</u> line and <u>660</u> feet from the <u>W</u> line Section <u>31</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>EDDY</u> County		8. Well Number 21
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3679' GR		9. OGRID Number 000778
		10. Pool name or Wildcat EMPIRE ABO

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: 6006' PB: 5990' PERFS: 5826'-5866' TOC @ 350'

1. MIRU PU ND WH NU BOP
2. POOH 2 3/8" TBG RIH SET CIBP @ 5726' 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 @ 3608'-3708' (100' PLUG)
5. WOC AND TAG TOP OF PLUG
6. PUH SPOT 25 SX CMT ACROSS CSG SHOE 1046'-946' WOC TAG PLUG
7. PUH AND SPOT 25 SX CMT ACROSS YATES @ 500'-400'
8. WOC AND TAG TOP OF PLUG
9. RIH AND PERFORATE CSG @ 60'
10. RIH W/ TBG CIRCULATE CMT 60' TO SURFACE IN 4 1/2" & 8 5/8"
11. WOC 24 HRS AND TAG
12. CUT OFF WELL HEAD AND ACHORS CLEAN LOCATION RD

Notify OCD 24 hrs. prior to any work done

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 10/20/03

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

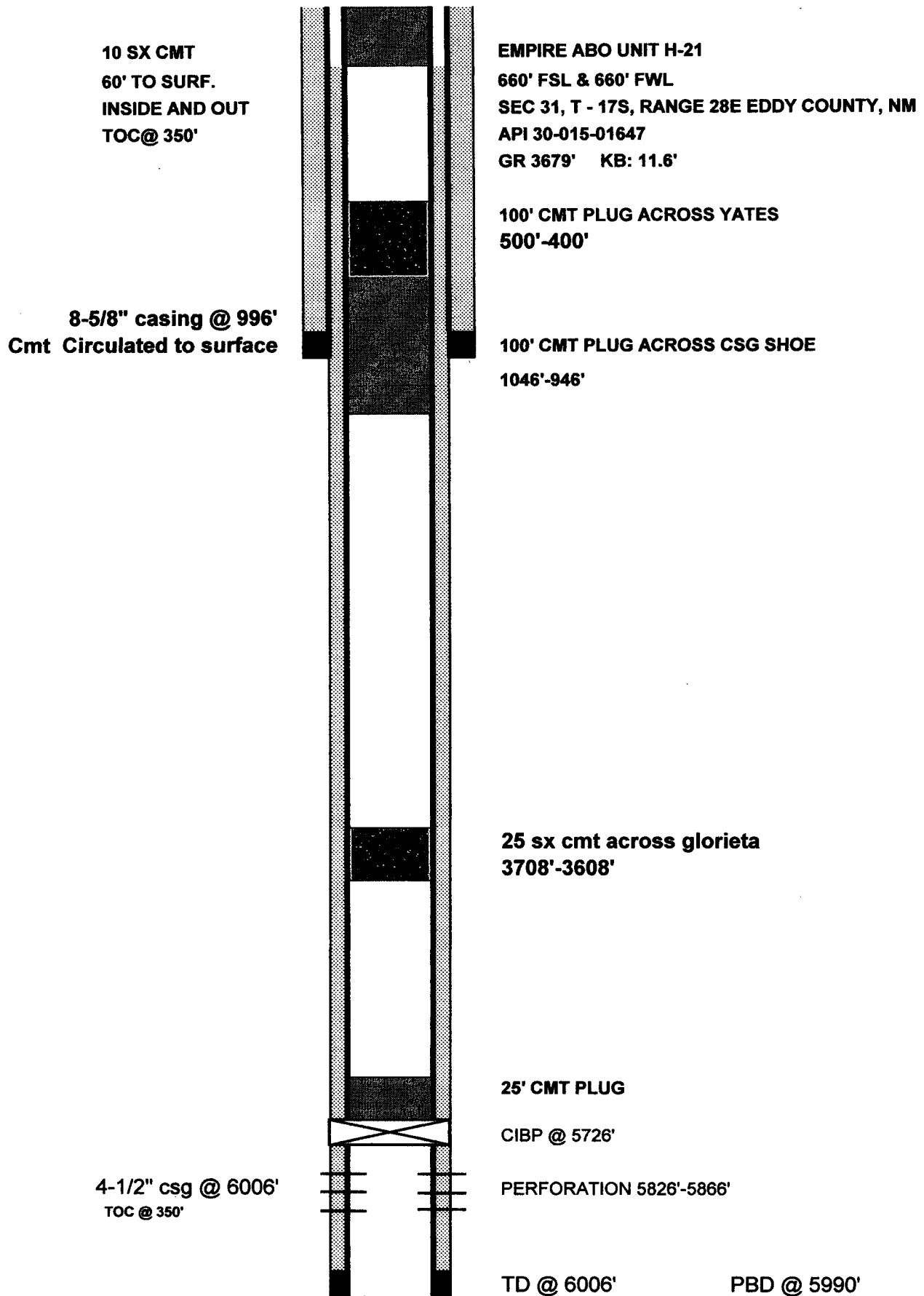
(This space for State use)

APPROVED BY [Signature] TITLE Field Rep DATE _____

Conditions of approval, if any:

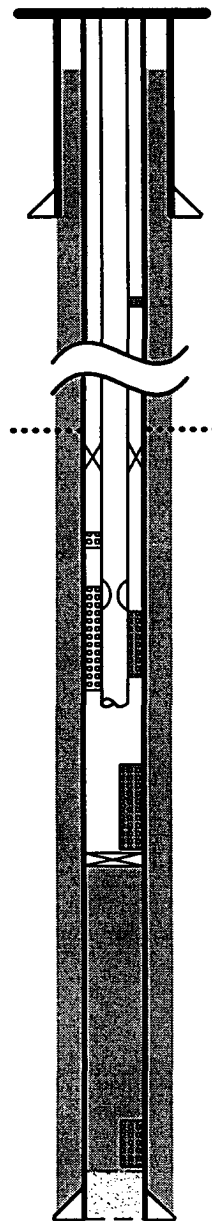
APPROVED NOV 19 2003

WELLBORE SCHEMATIC



Empire Abo Unit "H" 21

Potential
Perforation
Zones



--- KB at 3679' above sea level (Used as the Datum)
Well is currently shut in
--- Top of Cement at 350'

--- 8-5/8" - 22.7# casing set at 996' (11" hole)

--- 4 Squeeze holes at 1232', Squeezed off

--- Top of Abo at 5800'
--- AC set at 5806'

--- Perforations 5826' - 5830' w/ 1 JSPF
SN set at 5842' w/ 31' Mud Anchor
--- Tubing: 188 jts, 2 3/8", 4.7#, EUE 8rd, J-55
--- Perforations 5846' - 5862' Squeezed off
--- Perforations 5840' - 5866' w/ 1 JSPF

--- Perforations 5886' - 5910' Squeezed off
--- CR set at 5910' w/ cement beneath

--- Perforations 5976' - 5990' Squeezed off
--- PBTD at 5990'
--- 4-1/2" - 9.5# casing set at 6006' (7 7/8" hole)

Well No. H-21

Type of Well

☒ Oil

☐ Gas

☐ Other

Well API No. 30-015-01647

Lease Name Empire Abo Unit "H"

Type of Lease

☒ State

☐ Fee

Well Location 660 ft From South Line 660 ft From West Line
Section: 31 Township: 17S Range: 28E County: Eddy

Elevation 3679 ft above sea level (RDB)
Top of Abo 2121 ft below sea level
Total Depth 6006 ft
PBSD 5990 ft
KB 11.6 ft above GL
Datum KB (All depths based on KB)

Tubing
of Jts 188
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"	996 ft	8.625 in	22.7#
2	7 7/8"	6006 ft	4.5 in	9.5#

OTHER EQUIPMENT (BPs, ETC..)			
Name	Depth	Casing Dmtr.	Notes
TOC	350 ft	4.5 in	
CR	5910 ft	4.5 in	w/ cmt beneath
SN	5842 ft	4.5 in	w/ 31' Mud Anchor
AC	5806 ft	4.5 in	

Pay Zone
Top of Abo 5800 ft to Bottom of Well 5990 ft
Top of Abo 5800 ft Reported

PERFORATIONS				
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
5846 ft	5862 ft	2	2/3/1960	Closed 6/9/70 w/ cmt
5886 ft	5910 ft	2	2/3/1960	Closed 6/9/70 w/ cmt
5976 ft	5990 ft	2	6/9/1970	Closed 1/28/76 w/ cmt
1232 ft		4 Squeeze Holes	2/15/1972	Squeezed 2/15/72
5826 ft	5830 ft	1	1/29/1976	
5840 ft	5866 ft	1	1/29/1976	

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