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-10
Revised March 25, 19

WELL API NO.
30-015-01698

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name:
Empire Abo Unit "E"

1. Type of Well:
Oil Well ☒ Gas Well ☐ Other

2. Name of Operator BP America (ARCO)

8. Well No.
E-31

9. Address of Operator P.O. Box 1089 Eunice, N.M 88231

9. Pool name or Wildcat
ABO

JUL 2002
RECEIVED
OCD - ARTESIA

10. Well Location

Unit Letter ___ : 973 feet from the North line and 1980 feet from the East

Section 33 Township 17S Range 28E NMPM County Eddy

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
KB 0' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		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 recompilation.
Work will commence as soon as a plugging crew is available.

1. NU BOP
2. POH w/tbg. & pkr.
3. TIH w/4 ½" CIBP & set @ 5818'. Cap w/25 sxs. cmt.
4. Circulate hole w/ 9.5# salt gel mud.
5. PUH w/tbg. To 3422'. Spot 25 sxs. cmt. Plug from 3422' to 3322'. Top of Glorieta.
6. RIH w/ W.L. & perf 4 ½" csg. @ 1050.
7. TIH w/pkr. & squeeze 50 sxs. cmt. from 1050' to 950'. WOC & TAG.
8. RIH w/W.L. & perf 4 ½" csg. @ 590. Top of Yates.
9. TIH w/pkr. & squeeze 35 sx.cmt. plug from 590' to 490'. WOC & TAG
10. RIH w/W.L. & perf 4 ½' csg. @ 60'.
11. TIH . Circulate 10 sxs. cmt. around 4 ½ & 8 5/8 csg. to surface.
12. Cut off wellhead & anchors 3' BGL. Clean up location. Set dry hole marker.

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 M. Kent Whitmire TITLE Operations Specialist DATE 7-7-2002

Type or print name M. Kent Whitmire Telephone No. 505-677-3642

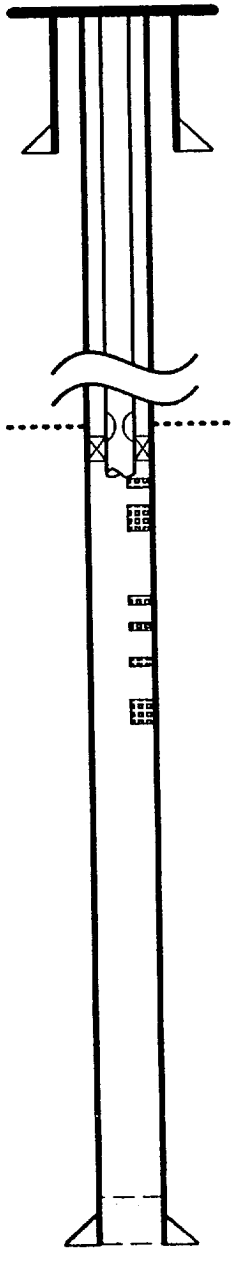
(This space for State use)

APPROVED BY [signature] TITLE Field Rep II DATE JUL 15 2002

Conditions of approval, if any:

Empire Abo Unit 'E' 31

Potential Perforation Zones



KB at 3671 above sea level (Used as the Datum)
Well is currently shut in

8-5/8" - 22.7# casing set at 1000' (11" hole)

Top of Cement at 1710'

Top of Abo at 5839'

PKR set at 5848', SN set at 5839'

Tubing: 189jts (5839'), 2 3/8", 4.7#, EUE 8rd, J-55

Perforations 5868 - 5873' w/ 2 JSPF

Perforations 5883 - 5898' w/ 2 JSPF

Perforations 5936 - 5940' w/ 4 JSPF

Perforations 5950 - 5954' w/ 4 JSPF

Perforations 5970 - 5974' w/ 4 JSPF

Perforations 5994 - 6008' w/ 4 JSPF

PBTD at 6275'

4-1/2" - 9.5# / 11.6# casing set at 6350' (7 7/8" hole)

PLUGGING & ABANDONMENT WORKSHEET (2 STRING CSNG)

OPERATOR BP America (ARCO)

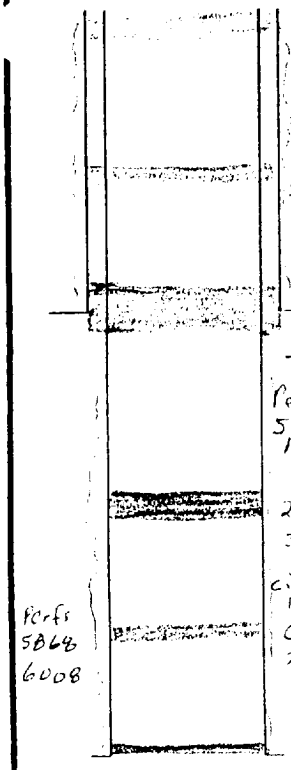
LEASENAME Empire Abo Unit "E" WELL # E-31

SECT 33 TWN 17S RNG 28E

FROM 973 N/S L 1980 E/W L

TD: 6350 FORMATION @ TD

PBTD: 6275 FORMATION @ PBTD



	SIZE	SET @	TOC	TOC DETERMINED BY
SURFACE	8⅝	1000	surface	
INTMED 1				
INTMED 2				
PROD	4½	6350	1710	

	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					

	CUT & PULL @		TOP - BOTTOM
INTMED 1		PERFS	-
INTMED 2		OPENHOLE	-
PROD			

**REQUIRED PLUGS DISTRICT I*

RUSTLER (ANHYD)		*
YATES	590	
QUEEN		
GRAYBURG		
SAN ANDRES		
CAPITAN REEF		*
DELAWARE		
BELL CANYON		
CHERRY CANYON		
BRUSHY CANYON		
BONE SPRING		
GLORIETA	3427	*
BLINEBRY		
TUBB		
DRINKARD		
ABO		
WC		
PENN		
STRAWN		
ATOKA		
MORROW		
MISS		
DEVONIAN		

PLUG	TYPE PLUG	SACKS CMNT	DEPTH
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG # 2	SHOE	50 SXS	5350'-5450'
PLUG # 3	CIBP/35'		4800'
PLUG #3	CIBP	25 SXS	4800'
PLUG # 4	STUB	50 SXS	3600'-3700'
PLUG # 5	RETNR SQZ	200 SXS	400'
PLUG # 6	SURF	10 SXS	0-10'
PLUG #1	CIBP	25 sx	5818
PLUG # 2	Glorieta	25 sx	3422-3322
PLUG # 3	Shoe	50 sx	950-850
PLUG # 4	Yates	35 sx	590-490
PLUG # 5	Surface	10 sx	60'-0
PLUG # 6			
PLUG # 7			
PLUG # 8			
PLUG # 9			
PLUG # 10			
PLUG #			
PLUG #			