

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

CL57
OP

Form C-103
Revised March 25, 1999

WELL API NO.

30-015-00720-00722

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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

8. Well No. L-16

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-103) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

B-P America Production Co.

3. Address of Operator

P.O. Box 1089 Eunice, New Mexico 88231

4. Well Location

Unit Letter P : 660 feet from the South line and 660 feet from the East line

Section 2 Township 18S Range 27E NMPM Eddy County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
KB - 10'

11. 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: ☐

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.

T.D. 6114'. PBD 6105'. Perfs 5980' - 6000'. 5 1/2" - 14# csg.

PROCEDURE TO P & A WELL:

(1) MIRU, N.D. wellhead & N.U. BOP & Enviro-vat.

(2) Release Lok-set pkr. @ 5936' & POH w/192 jts. of 2 3/8" tbg. & pkr.

(3) RU Wireline & RIH w/5 1/2" CIBP & set @ 5930'. POH w/W.L. & tools.

(4) RIH w/OET & tag CIBP. Circulate hole w/9.5# salt gel mud.

(5) Cap CIBP w/25 sxs. cmt.

(6) PUH w/tbg. & spot 25 sxs. cmt. plug from 3432' to 3332'. Glorieta.

(7) POH w/tbg.

(8) RU Wireline & perf 5 1/2" csg. @ 1075'. POH w/W.L. & tools.

(9) RIH w/tbg. and 5 1/2" pkr. & squeeze 50 sxs. cmt from 1075' to 975'. WOC & Tag. Shoe Plug.

(10) RIH w/Wireline & perf csg. @ 320'. POH w/W.L.

(11) RIH w/tbg. and pkr. & squeeze 35 sxs. cmt from 320' to 220'. POH w/tbg. & pkr. Yates.

(12) RU Wireline & perf 5 1/2" csg. @ 60'. POH w/W.L.

(13) N.D. BOP & Enviro-vat & N.U. wellhead. Circ. 5 1/2 & 8 5/8 csg. w/15 sxs. cmt. to surface

(14) Cut off wellhead & anchors 3' BGL. Set dry hole marker. Clean up location.

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 Kellie D. Murrish TITLE Asst. Admin. Asst. DATE 01.13.03

Type or print name Kellie D. Murrish

Telephone No. 505.394.1600

(This space for State use)

APPROVED BY [Signature]

TITLE Field Rep

DATE JAN 22 2003

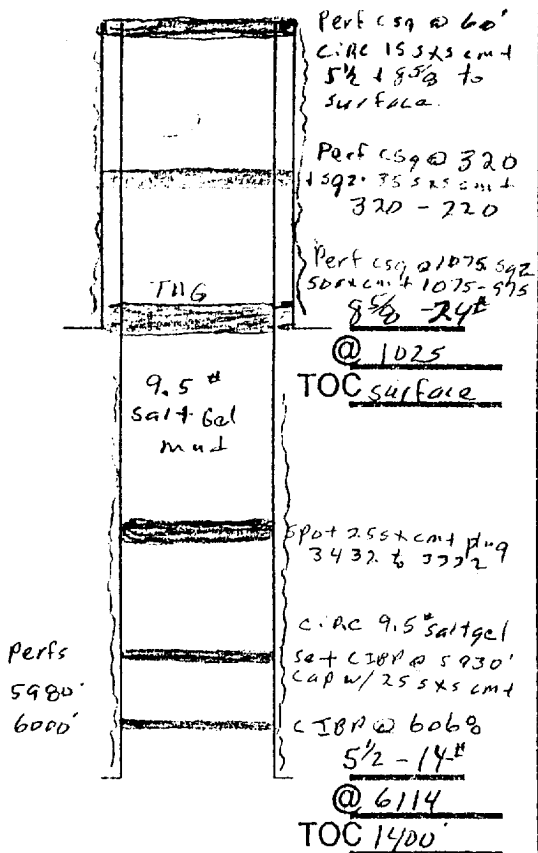
Conditions of approval, if any:

PLUGGING & ABANDONMENT WORKSHEET (STRING CSNG)

OPERATOR B.P. America

LEASENAME EAH

SECT 2 TWN 18 SRNG 27E
 FROM 660 MISL 660 ENPL
 TD: 6114 FORMATION @ TD
 PBTD: 6105 FORMATION @ PBTD



P&A'd well

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	8 3/8	1025	Surf.	60 SXS CIRC.	
INTMED 1					
INTMED 2					
PROD	5 1/2	6114	1400	1000 SXS	
	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

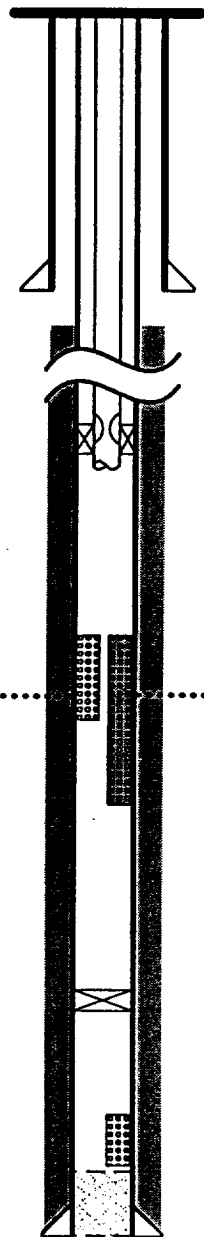
RUSTLER (ANIFYD)	
YATES	320
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	3432
GLINEBRY	
TUBB	
DRINKARD	
ADO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
DEVONIAN	

PLUG	TYPE	SACKS	DEPTH
PLUG	PLUG	CMNT	
EXAMPLES			
PLUG #1	OH	35 SXS	6400'
PLUG #2	SHOE	50 SXS	5350'-5450'
PLUG #3	CIBP/35'		4800'
PLUG #4	CIBP	25 SXS	4800'
PLUG #5	STUB	50 SXS	3600'-3700'
PLUG #6	RETNR SQZ	200 SXS	400'
PLUG #7	SURF	10 SXS	0-10'
PLUG #1	CIBP	-	6068
PLUG #2	CIBP	25 SXS	5930
PLUG #3	Glorigta	25 SXS	3432-3332
PLUG #4	shoe	50 SXS	1075-975
PLUG #5	yates	35 SXS	320-220
PLUG #6	surface	15 SXS	60-0'
PLUG #7			
PLUG #8			
PLUG #9			
PLUG #10			
PLUG #			
PLUG #			

TD 6114

Empire Abo Unit "L" 16

Potential
Perforation
Zones



--- KB at 3584' above sea level (Used as the Datum)
Flowing well

--- 8-5/8" - 24# casing set at 1025' (12 1/4" hole)
--- Top of Cement at approximately 1400'

--- PKR set at 5936', SN set at 5931'
Tubing: 192 jts (5921'), 2 3/8", 4.7#, EUE 8rd, J-55

--- Perforations 5980' - 6000' w/ 2 JSPF
--- Top of Abo at 5958'

--- Perforations 5980' - 6020' Squeezed off

--- CIBP set at 6068'

--- Perforations 6094' - 6104' Closed off w/ CIBP
--- PBTD at 6105'

--- 5-1/2" - 14# casing set at 6114' (7 7/8" hole)

Well No. L-16

Type of Well

X Oil
Gas
Other

Well API No. 30-015-00720

Lease Name Empire Abo Unit "L"

Type of Lease

X State
Fee

Unit L-16 P
Well Location 660 ft From South Line 660 ft From East Line
Section: 2 Township: 18S Range: 27E County: Eddy

Elevation	3584	ft above sea level (RDB)
Top of Abo	2411	ft below see level
Total Depth	6114	ft
PBTD	6105	ft
KB	10	ft above GL
Datum	KB	(All depths based on KB)

Tubing	
# of Jts	192 (5921')
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	12 1/4"	1025 ft	8.625 in	24#	
2	7 7/8"	6114 ft	5.5 in	14#	

OTHER EQUIPMENT (BPs, ETC..)				
Name	Depth	Casing Dmtr.	Notes	
TOC	1400 ft	5.5 in	1000 sx	
CIBP	6068 ft			
PKR	5936 ft	5.5 in	Baker Lokset	
SN	5931 ft	5.5 in		

Pay Zone	
Top of Abo	5995 ft to Bottom of Well 6105 ft
Top of Abo	5958 ft Reported

PERFORATIONS				
Start Depth	End Depth	Jet Shots per Foot	Date of Perforation	Comments
5980 ft	6020 ft	4	1/20/1959	Closed 1/17/79 w/ cmt
6094 ft	6104 ft	4	1/17/1979	Closed 2/4/98 w/ CIBP
5980 ft	6000 ft	2	2/4/1998	

COMMENTS
The calculated top of the Abo matches the original GR-N log. So, this well has been perforated above the top of the Abo. There are no further opportunities to perforate in this well.