

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

APOLLO ENERGY, INC.

3. ADDRESS OF OPERATOR

PO BOX 5315, Hobbs NM 88241

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

Unit J, 2310' FSL & 2310' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

1 mile NE of Crossroads NM

15. DISTANCE FROM PROPOSED* unit J, 2310' FSL & LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

2310' FEL

16. NO. OF ACRES IN LEASE

560

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

4900'

20. ROTARY OR CABLE TOOLS

pulling unit

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4105 GL

22. APPROX. DATE WORK WILL START*

July 20, 1986

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	13 3/8"	35.6	455	400 sx
	9 5/8"	32.30	4888	2350 sx
	8 3/4"		12093	600 sx
	7 3/16"		12103	60 sx

1. Move in, rig up.
2. Pull rods & pump. *Set BPr 9600' (above perfs)*
3. Unseat tubing anchor, pull tubing.
4. Rig up wireline, set BP @ 4970', load hole w/water.
5. Run G/R-CN, perforate 1 spf 4768'-4840' 7-12 holes.
6. Run tbg. & Model R pkr. Set pkr. @ 4700'.
7. Swab test.
8. Drop stdg valve - load tbg. - press to 500 #.
9. Acidize w/ 1500 gals NEFE
10. Swab test & return to production.
11. *Submit well completion report*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

John W. Adams

TITLE President

DATE 7-12-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Sege Adams

TITLE

DATE

7-23-86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED
JUL 28 1963
O.C.C.
HARRIS OFFICE