

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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 P, 660' FSL & 660' FEL

At proposed prod. zone

same

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

1 mile NE of Crossroads, NM

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

Unit P 660' FSL & 660' 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

4950'

20. ROTARY OR CABLE TOOLS

Pulling unit

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

4098 GR

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
12 1/4"	10 3/4"	32,75	450'	400 sxs
9 1/2"	7 5/8"	24 & 26.4	4180'	1790 sxs
7 5/8"	5 1/2"	17	9600+	450 sxs

1. Move in, rig up
2. Pull rods & pump. *Set BP ~ 9600' (above perfs)*
3. Unseat tubing anchor, pull tubing
4. Rig up wireline, set BP @ 4950', load hole w/ water.
5. Run CBL, perforate 1 spf 4768' - 4805'
6. Run tubing & 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

[Signature]

TITLE President

DATE 7-5-86

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

DATE

7-23-86

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side