

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBRECEIVED .CATE*
(Other instructions on
reverse side)

JAN 30 1992

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

clsf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

O. C. D.

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER RECOMPLETION

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ABO PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

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

At surface

1650' FNL, 1650' FWL, Sec. 20-T20S-R27E

At proposed prod. zone

API #30-015-20750

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

9 N. by NE of Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

1650'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

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

19. PROPOSED DEPTH

8324'

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3250' GR

22. APPROX. DATE WORK WILL START*

When approved

23.

PROPOSED CASING AND CEMENTING PROGRAM
EXISTING

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48# H-40	419'	390 sx Circ. (in place)
	8-5/8"	24 & 28#	2750'	905 sx Circ. (in place)
7-7/8"	5-1/2"	17 & 15.5#	8297'	600 sx (in place)

Propose to abandon Wolfcamp perms 7990-8091'. Test Bone Spring 6075-6137' and 5500-5588', as follows: Set CIBP 7950' and cap with 35' cement on top. Perforate Bone Spring 6075-6137' w/17 shots. Acidize perms with 2000 gals 105 NEFE HCL acid. Swab/flow test well until decision is made to frac, reacidize, move uphole to next zone or leave well as is. Depending on test results, will move up hole and perforate 5500-5588' w/22 shots. Acidize perms 5500-5588' with 3000 gals 10% NEFE HCL acid. Swab/flow test well until decision is made to frac, reacidize or move up hole. Additional procedures will be issued as required.

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

Quinta Soadter

TITLE Production Supervisor

DATE 1-24-92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

1/28/92

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side