

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23817

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

LC)29339B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Artesia Petroleum Co.

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Square Lake Pool

11. SEC., T., R., M., OR BLK.

ut-A
Sec. 1, T17S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Lucille F. McKinley

3. ADDRESS OF OPERATOR

3109 Diamond A Drive Roswell, New Mexico 88201

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

At surface

890' FNL and 890' FEL

At proposed prod. zone

Same

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

6 miles NE of Loco Hills, NM and 32 mi. E of Artesia, NM

15. DISTANCE FROM PROPOSED*

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

430'

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1090'

19. PROPOSED DEPTH

3300'

20. ROTARY OR CABLE TOOLS

Rotary

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

3762.7'

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	23#	450'	225 Sx Class "C" Circulate
7 7/8"	4 1/2"	10.5#	3300'	625 Sx Class "H"

BOP Program: Will use Shaffer Type E double hydraulic BOP 10" series 900.
See Exhibit "D".

Mud Program:

0' --- 450' = No spud mud to be used, because of possible lost circulation.

450' - 3200' = Drill with fresh water with one (1) sack of bichromate first day, using 1/2 sack thereafter.

3200' - 3300' = If no water flow, start mud with salt gel, mud seal paper and super visbestor, for 35-36 viscosity (no W.L. control), circulate hole clean for electric log. If well has water flow, build mud in rig pit, load hole with mud and pull out to run log.

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.

Agent for:

SIGNED

Lucille F. McKinley

TITLE

Lucille F. McKinley

DATE

May 29, 1981

(This space for Federal or State office use)

PERMIT

(Orig. 8-1) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUN 8 1981

TITLE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

