

RECEIVED

MAR 18 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

LC067132

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

O.C.D.
ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Empire Federal "22" Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat
Underground (Wolfcamp)11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22, T-18-S, R-29-E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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

Southland Royalty Company ✓

3. ADDRESS OF OPERATOR

1100 Wall Towers West, Midland, Texas 79701

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

At surface 1980

660' FSL & 1980' FWL, Sec. 22, T-18-S, R-29-E

At proposed prod. zone

same

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

7.8 miles SE of Artesia, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

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.

None

19. PROPOSED DEPTH

11,450

20. ROTARY OR CABLE TOOLS

Rotary

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

3458.5' GR

22. APPROX. DATE WORK WILL START*

March 22, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	11 3/4"	42#	245'	325 sxs. + 15 yds.
11"	8 5/8"	24-28#	3200'	1235 sxs.
7 7/8"	4 1/2"	13.5 & 11.6#	11,585'	1125 sxs.

1. Kill well, NU BOP, POOH w/tbg & Pkr.
2. GIH w/cmt retainer on tbg & set @ 10,580'. Squeeze Atoka perfs w/100 sxs Class "H" cmt. Leave 50' cmt on top of retainer. Reverse excess cmt out tbg. Pull up hole & wait on cmt.
3. Lower stinger to PBTD & circ hole clean w/brine wtr containing 2% KCL. Spot 200 gal 10% acetic acid across interval to be perf'd (8914-8927'). POOH.
4. RU Welex & tie in w/previous GR-Collar log & CN-CD log. RU lubricator & perf the Lower Wolfcamp zone w/casing guns, 2 JSPF, @ the following depth 8914-8927' (27 holes). RD Welex.
5. GIH w/pkr, on/off tool & tbg to 8880'. Reverse acid into tbg & set pkr @ 8880'. NUWH & break down perfs w/perf acid. Swab back load. Catch sample of oil & have Western check it for emulsion tendencies.
6. RU Western, acidize the Wolfcamp w/2000 gal Spearhead Acid using 40 regular ball sealers evenly spaced throughout the job.
7. Swab well to test.

NOTE: Above recompletion procedure was verbally approved by Armando Lopez, U.S.G.S. on 3/1/82.
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

District Operations Engineer 3/15/82

DATE

(This space for Federal State Office)

PERMIT NO. (Orig. Sgd.) PETER W. CHESTER

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL IF ANY:MAR 17 1982
FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

TITLE

DATE

*See Instructions On Reverse Side