

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

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

Unit G, 1980' PNL, 1980' PNL

At proposed prod. zone

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

2 1/2 miles northwest of Maljamar

15. DISTANCE FROM PROPOSED*

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

1980' PNL

18. DISTANCE FROM PROPOSED LOCATION*

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

1650'

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

4134' D.F.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 1/4	8 5/8	24#	320'	225 sx Pozmix w/2% gel
6 3/4	4 1/2	9.5#	4068'	200 sx Pozmix w/2% gel

1. Rig up. Run CBHP on wireline and set 3 3750'. Cap w/35' cement.
2. Perforate following intervals w/2 JSPP: 3160-3166, 3170-3176, 3180-3183'.
3. Run packer & tubing. Spot 250 gals. across perfs. Set packer @ 3100'.
4. Acidize with 2750 gallons 15% using ball sealers as divert.
5. Frac interval w/15,000 gal. gelled water w/20,250" sand.
6. Run rods, tubing, and place on pump.

Present completion: (Grayburg-S.A.)

3822-3895'

Proposed completion: (Queen)

3160-3188'

*Change of operator on Robinson Unit from Aztec Oil & Gas Company to Southland Royalty Company effective 1-1-78.

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.

SIGNED

TITLE

District Engineer

DATE

1-11-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JAN 18 1978

A.O.L.

NOTING DISTRICT ENGINEER

*See Instructions On Reverse Side