

30-025-29783

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

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

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

21 Desta Drive, Midland, Texas 79705

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

At surface

660' FNL & 1980' FWL, Sec. 17, T-18-S, R-33-E

At proposed prod. zone

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

11 miles southeast of Maljamar, 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

960

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. NA

19. PROPOSED DEPTH

11,450'

20. ROTARY OR CABLE TOOLS

Rotary

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

3885.1' GR

22. APPROX. DATE WORK WILL START*

11-9-86

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	61#	350'	400 sx. C1 "C" CIRCULATE
12 1/4"	9 5/8"	47#	2900'	800 sx Lite & 200 sx C1 "C"
7 7/8"	5 1/2"	17# & 15.5#	11,450'	1000sx C1 "H" & 1500 sx Lite. TOC @ 2900'.

Drill 17 1/2" hole to 350'. Set 13 3/8" csg @ 350'. Cmt w/400 sx. Circ. Drill 12 1/4" hole to 2900'. Set 9 5/8" csg @ 2900'. Cmt w/1000 sx. Circ. Drill to TD to test the Wolfcamp & intermediate horizons. If commercial, run 5 1/2" csg to 11,450'. Cmt with sufficient volume to bring above all prospective zones. Estimated TOC @ 2900'. Perf & stimulate Wolfcamp for production.

MUD PROGRAM: 0-350' spud mud; 350-1400' Existing fluid w/fresh H2O additions; 1400-2900' brine; 2900-10,300' cut brine & sweeps; 10,300-TD cut brine w/Driscap & X-C Polymer. MW 9.0-9.2, VIS 32-36, 10-15 cc. No abnormal pressures or temperatures anticipated at TC.

BOP PROGRAM: 13 5/8"-3M annular BOP to be installed on 13 3/8" csg. 11"-5M stack to be installed on 9 5/8" and left on for remainder of drilling. Stack to consist of annular BOP, blind ram BOP and one pipe ram BOP. Test BOP's after setting 9 5/8" csg w/Yellow Jacket, Inc.

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

Cathy Nokes

TITLE

Engineering Tech III

DATE

10/14/86

(This space for Federal or State office use)

PERMIT NO.

0001-6-86

APPROVAL DATE

APPROVED BY

TITLE

DATE

10-23-86
APPROVAL SUBJECT TO
GENERAL REQUIREMENTS &
SPECIAL STIPULATIONS
ATTACHED

CONDITIONS OF APPROVAL, IF ANY: