

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RE. IN:  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
Other instructions on  
reverse side)

BLM Roswell District  
Modified Form No.  
RM60-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☒

3. NAME OF OPERATOR

Southland Royalty Company

3a. Area Code & Phone No.

915/686-5600

4. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79705

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

At surface

660' FNL & 330' FWL, Sec. 18, T18S, R33E

At proposed prod. zone

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

11 miles Southeast of Maljamar, NM

7. DISTANCE FROM PROPOSED\*

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

330'

8. NO. OF ACRES IN LEASE

960

9. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

10. DISTANCE FROM PROPOSED LOCATION\*

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

1700'

11. PROPOSED DEPTH

8900'

12. ROTARY OR CABLE TOOLS

Rotary

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

3918' GR

14. APPROX. DATE WORK WILL START\*

2/27/90

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
<del>17 1/2"</del>	<del>13 5/8"</del>	<del>48#</del>	<del>H-40</del>	<del>STC</del>	<del>400'</del>	<del>400 sx. Circulate</del>
<del>12 1/4"</del>	<del>8 5/8"</del>	<del>24#</del>	<del>K-55</del>	<del>STC</del>	<del>2900/1500'</del>	<del>1175 sx. Circulate</del>
<del>7 7/8"</del>	<del>5 1/2"</del>	<del>17#</del>	<del>K-55, Dve @ 1500'</del>	<del>STC CIRCULATE</del>	<del>8900'</del>	<del>860 sx. Circulate</del>

MUD PROGRAM:

0-400' Fresh water gel and lime; 400' - 2900' sat'd  
brine. Sweep hole @ TD.  
2900' TD cut brine. Mud up @ 8000' w/ Drispac-Starch.  
1500'

BOP PROGRAM:

10" - 3M BOP starch to be installed on 8 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 8 5/8" csg w/ independent tester.

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

ATTACHED

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

*Robert L. Bradshaw*

TITLE Sr. Staff Env./Reg. Specialist

DATE January 25, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

2-26-90

CONDITIONS OF APPROVAL, IF ANY:

\* changes as per sundry notice requesting same.

\*See Instructions On Reverse Side

(575)

HOBBBS OFFICE  
OCJ

FEB 21 1990

RECEIVED