

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☐

DEEPEEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Southwest Royalties, Inc.

3. ADDRESS AND TELEPHONE NO.

P O Box 11390, 407 N. Big Spring, Midland TX 79702

(915)686-9927

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

At surface

1980' FSL & 660' FEL, Sec 35, T25S-R29E

At proposed prod. zone

Same

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

12 miles southeast of Malaga New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

480

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.

1900'

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

Rotary

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

GL 3025.8

22. APPROX. DATE WORK WILL START

06/01/93

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	J-55 ST&C 13 3/8	54.5#	600'	750 sx circulate to surface
11"	J-55 ST&C 8 5/8	24# & 32#	3150'	1000 sx circulate to surface
7 7/8"	K-55 ST&C 5 1/2	15.5# & 17#	6000'	1st Stage 300 sx 2nd Stage 450 sx DV 4500'

- Set 40' of 20" conductor and cement to surface.
- Drill 17 1/2" hole to 600', run used inspected 13 3/8" J-55 ST&C 54.5# casing. Cement with 750 sx cement + 2% CaCl + 1/4# flocele. Circulate cement to surface.
- Drill 11" hole to 3150', run used inspected 8 5/8" J-55 ST&C 24# and 32# casing. Cement with 1000 sx 65/35 Poz 1/4# flocele/sx, tailin with 200 sx Class "H" with 1/4# flocele/sx. Circulate cement to surface.
- Drill 7 7/8" hole to 6000', log open hole, run new 5 1/2" K-55 ST&C 15.5# and 17# casing. Place DV tool at 4500', cement 1st stage with 300 sx 50/50 Poz + 6# salt/sx. Cement 2nd stage with 450 sx 50/50 Poz + 6# salt/sx. Tie into intermediate at 2850'. Run Temp Survey to verify.
- 13 3/8" casing and 8 5/8" casing may be used (Drifted and tested per API specs).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

Richard L. Manley

TITLE

Agent

DATE

5/29/93

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) RICHARD L. MANLEY

AREA MANAGER

APPROVED BY

TITLE

DATE

JUN 25 1993

*See Instructions On Reverse Side