

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☒

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.
407 N. Big Spring
P.O. Box 11390m Midland, TX 79702 (915) 686-9927

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 660' FNL & 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 S.E. of Malaga, New Mexico

10. 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. 1320'

19. PROPOSED DEPTH 7200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) G.L. 3030.5

22. APPROX. DATE WORK WILL START* 2-15-94

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 [TIE BACK] 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 Joe T Janica TITLE AGENT DATE 12-1-93

(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:

APPROVED BY Ron Dunton TITLE (acting) LAND MANAGER DATE FEB 17 1994

*See Instructions On Reverse Side