

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.

(915) 686-9927

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

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

At surface
660' FNL & 660' FWL Sec.1, T26S, 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'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

N.A.

16. NO. OF ACRES IN LEASE*

320

19. PROPOSED DEPTH

7200'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

GL3052 Carlsbad Centered Water Basin

22. APPROX. DATE WORK WILL START*

9-15-93

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	J55 ST&C 13-3/8	54.5#	600'	750 sx circulate to surface
11"	J55 ST&C 8-5/8	24# & 32#	3150'	1000 sx circulate to surface
7-7/8"	K55 ST&C 5-1/2	15.5# & 17#	7200'	1st stage 400 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" J55 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 7200, log open hole, run new 5-1/2" K-55 ST&C 15.5# and 17# casing. Place DV tool to 4500', cement 1st stage with 400 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

TITLE

AGENT

DATE

8/14/93

(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

(ORIG. SGD.) RICHARD L. MANUS

TITLE

AREA MANAGER

DATE

SEP 22 1993

*See Instructions On Reverse Side