

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 3160-3 TRIPPLICATE
(Other instructions on reverse side)

30-015-27524
Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☐ DEEPEN ☒ JUL 7 1993

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE HOLES ☐ MULTIPLE HOLES ☐

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 660' FNL & 1980' FEL, Sec 35, T25S-R29E
At proposed prod. zone Same W.B.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
12 miles southeast of Malaga New Mexico

5. LEASE DESIGNATION AND SERIAL NO.
NM-54290

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
North Brushy Draw "A" 35

9. API WELL NO.
Fed #5

10. FIELD AND POOL, OR WILDCAT
Wildcat Polawane

11. SEC., T., R., M., OR S.W. 1/4 AND SURVEY OR AREA
B Sec 35, T25S-R29E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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
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
6000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 3020.5

22. APPROX. DATE WORK WILL START
10/01/93

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 [Signature] TITLE Agent DATE 5/29/93
(This space for Federal or State office use)

PERMIT NO. APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS
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.

APPROVED BY (ORIG. SGD.) RICHARD L. MANUS TITLE AREA MANAGER DATE JUL 6 - 1993

*See Instructions On Reverse Side