

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

C17
BLM
52
OP

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-27767

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V2845

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Catchlaw State

2. Name of Operator

Southwest Royalties Inc

8. Well No.

1

3. Address of Operator 407 N. Big Spring

P.O. Box 11390, Midland, Tx. 79702 (915) 686-9927

9. Pool name or Wildcat

North Brush Draw; DELAWARE

4. Well Location
Unit Letter

A

: 710

Feet From The North

Line and

500

Feet From The East

Line

Section 2

Township

26S

Range

29E

NMPM

Eddy

County

10. Proposed Depth

7200'

11. Formation

Delaware

12. Rotary or C.T.

Rotary

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

3242 GR.

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

-

16. Approx. Date Work will start

12-1-93

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8	54.5	600	750	Circulate
11	8-5/8	24 & 32	3150	1000	Circulate
7-7/8	5-1/2	15.5 & 17	7200	850	2850

- 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" K55 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.

ID-1
12-3-93
AL & ART

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Joe T. Janica

TITLE AGENT for Southwest Roy.

DATE 11-19-93

TYPE OR PRINT NAME

505-392-2112

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

GEOLOGIST

DATE

12-1-93

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-1-94
UNLESS DRILLING UNDERWAY