

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

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-105  
 Revised 1-1-89

*gsk*  
*Blum*  
*By*  
*SLD*

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

WELL API NO. 30 015 27767

5. Indicate Type of Lease  
 STATE  FEE

6. State Oil & Gas Lease No.  
 V-2845

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_

b. Type of Completion:  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR  OTHER  MAR 7 1994

2. Name of Operator  
 Southwest Royalties, Inc.

3. Address of Operator  
 P.O. Box 11390, Midland, Texas 79702

7. Lease Name or Unit Agreement Name  
 Catclaw-State

8. Well No. 1

9. Pool name or Wildcat  
 North Brushy Draw, Delaware

4. Well Location  
 Unit Letter A : 710 Feet From The N Line and 500 Feet From The E Line

Section 2 Township 26-S Range 29-E NMPM Eddy Country

10. Date Spudded 12-28-93  
 11. Date T.D. Reached 1-13-94  
 12. Date Compl. (Ready to Prod.) 1-26-94  
 13. Elevations (DFA RKB, RT, GR, etc.) 3242 GR  
 14. Elev. Casinghead -

15. Total Depth 5815'  
 16. Plug Back T.D. -  
 17. If Multiple Compl. How Many Zones? -  
 18. Intervals Drilled By Rotary Tools X Cable Tools -

19. Producing Interval(s), of this completion - Top, Bottom, Name  
 5620 - 5686' - Delaware  
 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run GR/CNL-PDL DLL MLL  
 22. Was Well Cored No

23. **CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5 #	620'	17-1/2"	655 sx	none
8-5/8"	32# & 24#	3207'	11"	1650 sx	none
5-1/2"	15.5 #	5815'	7-7/8"	670 sx	none

24. **LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2-7/8"	5585'	

26. Perforation record (interval, size, and number)  
 5620-86

27. **ACID, SHOT, FRACTURE CEMENT, SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5620 - 5686'	30,000 gals I-30 gel
	98,000 # 16/30 sand
	24,000 # 16/30 RC sand

28. **PRODUCTION**

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
1-28-94	Pumping	Producing					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2-02-94	24	-		25	4	295	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 37.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 Used on lease

Test Witnessed By  
 Al Perry

30. List Attachments  
 Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Ann E. Ritchie Printed Name Ann E. Ritchie Title Agent Date 3-4-94

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3020	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Ortiz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____ 3208	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from ..... to .....      No. 3, from ..... to .....  
 No. 2, from ..... to .....      No. 4, from ..... to .....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ..... 5618 ..... to ..... 5692 ..... feet ..... ( 74' )  
 No. 2, from ..... 5398 ..... to ..... 5438 ..... feet ..... ( 40' )  
 No. 3, from ..... 5343 ..... to ..... 5366 ..... feet ..... ( 23' )

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
Surf	3208	3208	Anhydrites & Salts				
3208	TD (5817)	3609	Sandstones w/scattered Siltstones & Shales				