

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

OIL CONSERVATION DIVISION

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

Form C-105
Revised 1-1-89

WELL API NO.	30-025-31847 ✓
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	A-1320

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Howard 32 State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		
2. Name of Operator Southwest Royalties, Inc.		8. Well No. 1
3. Address of Operator c/o Box 953, Midland, Texas 79702		9. Pool name or Wildcat Eumont/Yates SR-Queen
4. Well Location Unit Letter <u>A</u> : <u>990</u> Feet From The <u>North</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>18-S</u> Range <u>37-E</u> NMPM Lea County		
10. Date Spudded 1-24-93	11. Date T.D. Reached 1-29-93	12. Date Compl. (Ready to Prod.) 2-21-93
13. Elevations (DF & RKB, RT, GR, etc.) 3716' GL		14. Elev. Casinghead 3716'
15. Total Depth 4000'	16. Plug Back T.D. 3920'	17. If Multiple Compl. How Many Zones? N/A
18. Intervals Drilled By Rotary Tools XX		Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3878' - 3936' - Penrose <i>OK PK</i>		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Cased hole GR/Neutron & GR/CBL		22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 #	460'	12-1/4"	270 sx	-
5-1/2"	15.5 #	4000'	7-7/8"	740 sx	-

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	3946'	N/A

26. Perforation record (interval, size, and number) 3878 - 94', 3890 - 3904', 3916 - 20', 3926 - 28', 3931 - 36'. 67 holes. .5" diameter holes.	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3878 - 3936'	1800 gals. 15% NEFE
	3878 - 3936'	105,000 # 12/20 sd, 40,000 gal. frac

28. PRODUCTION							
Date First Production 2-21-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 3-07-93	Hours Tested 24	Choke Size N/A	Prod'n For Test Period Oil - Bbl. 8	Gas - MCF 42	Water - Bbl. 0	Gas - Oil Ratio 5250	
Flow Tubing Press. N/A	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 36.6	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Al Perry
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30. List Attachments

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 Regulatory Agent Date 3-9-93

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

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____ 2904	T. Atoka _____
T. Yates _____ 2980	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____ 3632	T. Silurian _____
T. Grayburg _____ 3774	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. _____	T. Delaware Sand _____
T. Brinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES			
No. 1, from.....	3056	to.....	3068
No. 2, from.....	3630	to.....	3707
No. 3, from.....	3878'	to.....	3936'
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.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
2750	2904'	154'	Salt, Shale, Anhydrite
2904	4000'	1096'	Shale, Dolomite, Sand Sequences