

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30 025 34234

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
058102

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 _____

7. Lease Name or Unit Agreement Name

FLYING M SA UNIT

2. Name of Operator
SOUTHWEST ROYALTIES, INC.

8. Well No.
8-2

3. Address of Operator
ATTN: BEVERLY HATFIELD PO BOX 11390 MIDLAND, TX 79702

9. Pool name or Wildcat
FLYING M SAN ANDRES

4. Well Location
Unit Letter K : 2000 Feet From The SOUTH Line and 1980 Feet From The WEST Line
Section 16 Township 9S Range 33E NMPM LEA County

10. Date Spudded 01/25/98 11. Date T.D. Reached 02/03/98 12. Date Compl. (Ready to Prod.) 02/14/98 13. Elevations (DF & RKB, RT, GR, etc.) 4383 GR 14. Elev. Casinghead

15. Total Depth 4650 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 4474-4525' SAN ANDRES 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run GR/CCL/CBL 22. Was Well Cored Yes

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#	406	12-1/4	310 SX C	
5-1/2	15.5#	4648	7-7/8	340 SX 35/65 POZ, 140 SX C	

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4526	

26. Perforation record (interval, size, and number)
4474-4525' 1 JSPF 30 HOLES

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4474-4525'	250 GAL 15% HCL 5150 GAL 20% TOP GUN 200 ACID

PRODUCTION

28. Date First Production 02/24/98 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING 2-1/2 X 1-3/4 X 18' PMP Well Status (Prod. or Shut-in) PRODUCING

Date of Test 03/13/98 Hours Tested 24 Choke Size Prod'n For Test Period Oil - BbL. 30 Gas - MCF 0 Water - BbL. 405 Gas - Oil Ratio NA

Flow Tubing Press. Casing Pressure 30 Calculated 24-Hour Rate Oil - BbL. 30 Gas - MCF 0 Water - BbL. 405 Oil Gravity - API - (Corr.) 32

29. Disposition of Gas (Sold, used for fuel, vented, etc.) NA Test Witnessed By TERRY MABREY

30. List Attachments
C104 & C102, Deviation Survey

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

Printed Name BEVERLY HATFIELD

Title COMPLIANCE SPECL Date 4-2-98

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 specific 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 _____ 1862.0	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	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 _____ 3748.0	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. PIE MARKER _____ 4310.0	T. Wingate _____	T. _____
T. Wolfcamp _____	T. SLAUGHTER _____ 4467.0	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. 2, from to
 No. 3, 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 ... 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	From	To	Thickness in Feet	Lithology
0.0	3748.0	3748.0	RED BEDS, SHALE ANHYPDRITE, SALT AND SAND				
3748.0	4650.0	902.0	DOLOMITE, LIME- STONE AND ANHYPDRITE				