

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE		☒	
U.S.G.S.			
LAND OFFICE			
OPERATOR			

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER CO₂

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

2. Name of Operator
Sofia Exploration Company

3. Address of Operator
611 Mayo Building, Tulsa, OK 74103

4. Location of Well
UNIT LETTER F LOCATED 1980' FEET FROM THE North LINE AND 1980' FEET FROM
THE West LINE OF SEC. 36 TWP. 26N RGE. 29E NMPM Union

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
#3449

7. Unit Agreement Name
N/A

8. Farm or Lease Name
Roxana State

9. Well No.
#1

10. Field and Pool, or Wildcat
Rank Wildcat

15. Date Spudded
11/25/86

16. Date T.D. Reached
12/8/86

17. Date Compl. (Ready to Prod.)
2/12/87

18. Elevations (DF, RKB, RT, CR, etc.)
6192' (GE) 6200.5 (KB)

19. Elev. Casinghead
6191'

20. Total Depth
3764'

21. Plug Back T.D.
2700'

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools
0 - 3764'

24. Producing Interval(s), of this completion - Top, Bottom, Name
Yeso sand 1871' - 1902'
Glorieta sand 1644' - 1772'

25. Was Directional Survey Made
Yes
* at 3761'

26. Type Electric and Other Logs Run
CNL/LDC, DIL, DLL/MSFL, Long-space Sonic

27. Was Well Cored
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	500'	12-1/4"	250-sx, circ. to surface	-0-
5-1/2"	15.5	3728'	7-7/8"	1100 sx Class H Top @ 930'	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
1880' - 1892' 2 hpf, 1/2" holes
1652' - 1744' random intervals
54 net feet, 2 hpf, 1/2" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1880-1892	20 tons CO ₂ w/ balls
1880-1892	3,000 gals. HCl w/balls
1652-1744	6,000 gals. HCl/HF 12-3 acid w/balls

33. PRODUCTION

Date First Production
2-5-87

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Shut-in

Date of Test
2-5-87

Hours Tested
24 hrs

Choke Size
1.5"

Prod'n. For Test Period
Oil - Bbl. -0- Gas - MCF 650 Water - Bbl. -0- Gas - Oil Ratio NA

Flow Tubing Press.
NA

Casing Pressure
4 psi

Calculated 24-Hour Rate
Oil - Bbl. -0- Gas - MCF NA Water - Bbl. -0- Oil Gravity - API (Corr.) N/A

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Roger Brown,
Lowry Lease Management

35. List of Attachments
Schematic diagram (2 pg.), electric logs, additional comments (1 pg.)

36. 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.

SIGNED Steve J. H. King TITLE Engineer DATE 3/2/87

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 30 through 34 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 _____	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 Qtzte _____
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. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	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. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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. _____
No. 4, from _____ to _____	feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1558	1584	26'	San Andres				
1644	1772	128'	Glorieta sand				
1871	1902	31'	Yeso sand				
			(Tops picked from log, depths are from KB)				