

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION
OCT 31 1985 P. O. BOX 2088
SANTA FE, NEW MEXICO 87501
C. C. D.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API 30-015-25191
5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1. TYPE OF WELL **Bofm**
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

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

3. Name of Operator
Santa Fe Energy Company

4. Address of Operator
500 W. Illinois, Suite 500, Midland, TX 79701

6. Location of Well

7. LETTER **K** LOCATED **1750** FEET FROM THE **South** LINE AND **1980** FEET FROM

8. West LINE OF SEC. **28** TWP. **22S** RGE. **27E** NMPM

9. Date Spudded **6-24-85** 16. Date T.D. Reached **8-13-85** 17. Date Compl. (Ready to Prod.) **9-23-85** 18. Elevations (DF, RKB, RT, GR, etc.) **3130.0 GL** 19. Elev. Casinghead **3154 KB**

20. Total Depth **12,018'** 21. Plug Back T.D. **11,765'** 22. If Multiple Compl., How Many **0-12,018'** 23. Intervals Drilled By **Rotary Tools** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
Morrow 11,618-11,694'

25. Was Directional Survey Made **NO**

26. Type Electric and Other Logs Run
Dual Laterolog, CDNL, BAC Sonic Log

27. 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
13 3/8"	54.5	242'	17 1/2"	330 sx Cl C	
10 3/4"	45.5	2037'	12 1/4"	1100 sx Howco Lite & 300	
				sx Cl C	
7 5/8"	33.7 & 29.7	9076'	9 1/2"	800 sx Cl H	

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5	8693.36'	12,018'	375		2 3/8"	11,538'	11,538'

31. Perforation Record (Interval, size and number)
11,798-804' - 13 holes - Lower Morrow
11,910-920' - 21 holes - Lower Morrow
11,618-694' 73 holes (4 JSPF) - Upper Morrow

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
11,798-920' Acidz w/1600 gals 7 1/2% BC
Morrow acid. Set CIBP @ 11,765'
11,618-694' Pmp 48 bbls 7 1/2% Morrow acid
w/146 - 1.1 S Balls

33. First Production
Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing Well Status (Prod. or Shut-in)
SI WOPL

No. of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
9-23-85	1	Variable		0	460	--	--

3325	Coating Pressure	Calculated 2+ Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
	--		0	826	0	--

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

35. List of Attachments
4 pt test data (C-122)

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 Billie Hood Billie Hood TITLE Sr. Prod. Clerk DATE 10-28-85

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 <u>10410</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>10867</u>	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 Qtzite _____
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 <u>8978</u>	T. Morrow <u>11426</u>	T. Chinle _____	T. _____
T. Penn. _____	T. Barrett <u>11944</u>	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
0	575	575	Anhydrite	11248	11381	133	Lime/Shale
575	1700	1125	Salt/Anhydrite	11381	11514	133	Morrow Clastic
1700	1925	295	Anhydrite/Dolomite	11514	12018	504	Lime/Shale/Sand
1925	2060	135	Lime/Shale				
2060	3040	980	Dolomite/Lime/Sand				
3040	3348	308	Sand				
3348	8880	5532	Lime/Sand/Shale				
8880	9070	190	Lime				
9070	9340	270	Shale				
9340	10597	1257	Lime/Shale				
10597	10750	153	Lime				
10750	11054	304	Shale/Lime				
11054	11174	120	Sand/Chert/Shale/Lime				
11174	11248	74	Lime/Shale/Sand				