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Form C-105
Revised 11-1-76

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEPEN [X] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name: Feather Prospect

8. Farm or Lease Name: State UTP

2. Name of Operator: Santa Fe Energy Company

9. Well No.: 1

3. Address of Operator: One Security Park, 7200 I-40 West, Amarillo, TX 79106

10. Field and Pool, or Wildcat: Wildcat

4. Location of Well: UNIT LETTER J LOCATED 1980 FEET FROM THE south LINE AND 1980 FEET FROM THE east LINE OF SEC. 21 TWP. 15 S RGE. 32 E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
6-15-81	8-8-81	9-16-81	4310.1 GR	4312

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
13,790	12,491		→	All	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 12,364-12,383 12 shots Morrow

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Dual Lateral/Micro Lateral/Neutron Density & 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
12 3/4	49	500	17 1/2	500 sx	None
8 5/8	32# & 24#	4112	11	1850 sx	None
5 1/2	17# & 20#	12,605	7 7/8	1285 sx	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2"	12,385	12,301

31. Perforation Record (Interval, size and number): 12,364-12,383 12 shots 1/2" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,364-12,383	Perf Underbalanced, Natural Comp'l

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
9-3-81	Flowing	Shut In

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
9-16-81	24	11/64		128	843	5	6586

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
855	0		128	843	5	47.7

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

Test Witnessed By: James Moore

35. List of Attachments

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 Patrick Jay Haun TITLE Production Engineer DATE 11-13-81

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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.

Re-entry of Brown UTP State 1. Old TD 10,098'

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1415	T. Canyon	10,508	T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn	11,228	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,543	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2517	T. Miss	12,856	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	13,611	T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4048	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	5569	T. McKee		Base Greenhorn		T. Granite	
T. Paddock	5820	T. Ellenburger		T. Dakota		T.	
T. Blinebry	6275	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6905	T. Granite		T. Todilto		T.	
T. Drinkard	7035	T. Delaware Sand		T. Entrada		T.	
T. Abo	7570	T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	8944	T.		T. Chinle		T.	
T. Penn.	8944	T.		T. Permian		T.	
T Cisco (Bough C)	10,040	T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 12,364 to 12,383 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	10098	10098	Old TD. See Brown UTP State #1	12470	12640	170	Limestone w/Interbedded Chert
10098	10500	402	Sample Descriptions not recorded	12640	12740	100	Shale
				12740	12960	220	Limestone
10500	10650	150	Cherty Limestone	12960	13540	580	Cherty Limestone
10650	10750	100	Dolomite Limestone	13540	13610	50	Shale (Woodford)
10750	11040	290	Limestone	13610	13790	180	Dolomite
11040	11230	190	Calcareous Shale				
11230	11360	130	Sandstone				
11360	11500	140	Cherty Limestone				
11500	11770	270	Limestone w/sand & Shale Stringers				
11770	12080	310	Sandstone & Shale Interbedded				
12080	12280	200	Limestone w/Interbedded Shale				
12280	12470	190	Shale w/Interbedded Sandstone				

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