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LAND OFFICE	
OPERATOR	

Form C-105
Revised 11-1-84

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

State NM 3

9. Well No.

1

10. Field and Pool, or Wildcat

wildcat

12. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER

2. Name of Operator

Santa Fe Energy Company

3. Address of Operator

One Security Park, 7200 I-40 West, Amarillo, TX 79106

4. Location of Well

UNIT LETTER P LOCATED 660' FEET FROM THE S LINE AND 660' FEET FROM

THE E LINE OF SEC. 3 TWP. 15S RGE. 32E

15. Date Spudded

5-3-80

16. Date T.D. Reached

7-19-80

17. Date Compl. (Ready to Prod.)

8-28-80

18. Elevations (DF, RKB, RT, GR, etc.)

4287' GL

19. Elev. Casinghead

20. Total Depth

13,551'

21. Plug Back T.D.

13,550'

22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools

X

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

13,505'

13,531' Devonian

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

GR, CNL, Density, DLL, MLL, 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
13 3/8"	54.5#	430'	17 1/2"	450 sx Class C	-
9 5/8"	40#	4300'	12 1/4"	950 sx Class C	-
5 1/2"	20#, 17#	13,551'	7 7/8"	300 sx Class H 50:50 Poz thru shoe	-
				1300 sx Class H thru perfs 12,180-12,183	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
-	-	-	-	-	2 7/8"	13,345'	13,192'

31. Perforation Record (Interval, size and number)

13,505-13,512' (14 holes)

13,523-13,531' (16 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,505-13,531'	2000 gal. 15% NE acid

33. PRODUCTION

Date First Production	8-28-80	Production Method (Flowing, gas lift, pumping - Size and type pump)	Pumping 1 3/4" insert	Well Status (Prod. or Shut-in)	Producing
Date of Test	8-31-80	Hours Tested	24	Choke Size	-
Flow Tubing Press.	-	Casing Pressure	-	Calculated 24-Hour Rate	-
		Oil - Bbl.	86	Gas - MCF	8
		Water - Bbl.	274	Gas - Oil Ratio	93
		Oil - Bbl.	86	Gas - MCF	8
		Water - Bbl.	274	Oil Gravity - API (Corr.)	44.2

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

Used on lease for fuel

Test Witnessed By

Odis Solley

35. List of Attachments

DST Summary, C-104, C-109, C-124

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

TITLE

Petroleum Engineer

DATE

9-8-80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 <u>Rustler (1480')</u>	T. Canyon <u>10,498'</u>	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1577</u>	T. Strawn <u>11,205'</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt <u>2537</u>	T. Atoka <u>11,450'</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2537</u>	T. Miss <u>12747</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>2771</u>	T. Devonian <u>13,476'</u>	T. Menefee _____	T. Madison _____
T. Queen <u>3118</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4017</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5488</u>	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Paddock <u>5805</u>	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry <u>6269</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6927</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard <u>7055</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7594</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>8964</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>10048</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>10,048'</u>	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
1480	1577	97	Anhydrite	6269	6927	658	Blinebry
1577	2537	960	Salt	6927	7055	128	Tubb
2537	2771	234	Yates	7055	7594	539	Drinkard
2771	3118	347	Seven Rivers	7594	8964	1370	Abo
3118	4017	899	Queen / Purse	8964	9843	879	Wolfcamp
4017	5488	1471	San Andres	9843	10048	205	Bursum
5488	5805	317	Glorieta	10048	10498	450	Cisco (Top Penn)
5805	6269	464	Paddock	10498	11205	707	Canyon
				11205	11450	245	Strawn
				11450	12683	1233	Atoka / Morrow
				12683	13400	653	Mississippian
				13400	—	—	Devonian

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OIL CONSERVATION DIV

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