

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
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-27182

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
VB-407

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 ☐					
2. Name of Operator Santa Fe Energy Operating Partners, L.P.					
3. Address of Operator 550 W. Texas, Suite 1330, Midland, Texas 79701					
4. Well Location Unit Letter <u>I</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>23S</u> Range <u>28E</u> NMPM Eddy County					
10. Date Spudded 1-11-93	11. Date T.D. Reached 1-21-93	12. Date Compl. (Ready to Prod.) 3-28-93	13. Elevations (DF & RKB, RT, GR, etc.) 3069' GR	14. Elev. Casinghead	
15. Total Depth 6392'	16. Plug Back T.D. 6346'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By Rotary Tools All	Cable Tools --	
19. Producing Interval(s), of this completion - Top, Bottom, Name 5950'-5980' (Delaware)				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run DLL/MSFL/CBL/LDT; EPT				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
8-5/8"		23.0	400'	12-1/4"	500 sx (circ)
5-1/2"		15.5	6392'	7-7/8"	425 sx C + 1125 sx Hal-Lite +
					100 sx C
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
N/A					
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-7/8"	5903'	TAC 5702'			
26. Perforation record (interval, size, and number) 5950'-5980' (16 holes) 4" csg gun					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
5950-80'		1750 gal 7 1/2% NEFE acid + 32			
		BS. Frac w/ 18,000 gal wtr			
		frac + 34,000# sand			
28. PRODUCTION					
Date First Production 3-14-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2"x1 1/2"x18' 2 stage hollow tube			Well Status (Prod. or Shut-in) Producing
Date of Test 4-6-93	Hours Tested 24	Choke Size -	Prod'n For Test Period Oil - Bbl. 18	Gas - MCF 117	Water - Bbl. 218
Flow Tubing Press. --	Casing Pressure 40	Calculated 24-Hour Rate Oil - Bbl. 18	Gas - MCF 117	Water - Bbl. 218	Oil Gravity - API - (Corr.) 41°
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - pending connection to Continental					Test Witnessed By
30. List Attachments C-104, Deviation Survey, Logs					
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 <i>Terry McCullough</i>		Printed Name Terry McCullough		Title Sr. Prod. Clerk	Date 4-6-93

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 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

T. Anhy _____
 T. Salt _____
 B. Salt _____ 2513'
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____ 2780'
 T. Bone Springs _____ 6308'
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzie _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 5859' _____ to _____ 6014' _____
 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
2513	2740		Anhydrite w/ varying amts of Limestone and Dolomite.				
2740	2778		Limestone w/ varying amounts of shale and sandstone				
2778	6308		Sandstone w/ varying amounts of Shale, Limestone, and Dolomite.				
6308	6392		Limestone w/ varying amounts of Shale				