

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.	30-025-30708
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	VB-0177

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

7. Lease Name or Unit Agreement Name	P. Q. Osudo State Com
8. Well No.	1
9. Pool name or Wildcat	South Osudo Morrow Gas

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.
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3. Address of Operator	500 W. Illinois, Suite 500, Midland, Texas 79701
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4. Well Location	Unit Letter <u>G</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1980</u> Feet From The <u>East</u> Line
	Section <u>16</u> Township <u>21S</u> Range <u>35E</u> NMPM Lea County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
10-28-89	1-3-90	1-27-90	3620.3' GR	-

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
12,550'	12,350'	N/A	All	All	N/A

19. Producing Interval(s), of this completion - Top, Bottom, Name	20. Was Directional Survey Made
12,226'-12,260' (Morrow)	Yes

21. Type Electric and Other Logs Run	22. Was Well Cored
DIL/SFL; BHC; CNL/LDT; DLL/MSFL	No

23. 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#	645'	17 1/2"	700 sx "C"	None
9-5/8"	40#	5465'	12 1/4"	1925 sx lite + 400 sx C	
7"	20, 26, 29#	11,075'	8 1/2"	335 sx lite + 300 sx 50/50 POZ	
			6"		

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
4-1/2"	10,675'	12,546'	325 sx H	2-7/8 & 2-3/8"	12,049'	12,049'

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
12,406'-12,420' (29 holes) .33 EHD (P&A'd)	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12,226'-12,260' (72 holes) .33 EHD	12,406-12420'	CIBP @ 12,365' w/15' cmt on to
	12,226-12,260'	1596 gal 7 1/2% acid + 120 BS,
		200 gal 15% HCL. Frac'd w/ 30,000 gal Foam w/

28. PRODUCTION 10,200# 20/40 sand

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)					
1-19-90	Flowing	Shut in					
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-10-90	5	var		6	114	0	19.2
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas MMCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
3228			28	AOF 3.375	0	55	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Flared during test. Shut in WOPL	

30. List Attachments
C-104, Deviation Survey, Directional Survey, C-122

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 Terry McCullough Printed Name Terry McCullough Title Sr. Prod. Clerk Date 5/31/90

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. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____ 3447	T. Atoka _____ 11369
T. Yates _____ 3694	T. Miss _____ 12470
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. XXX Delaware _____ 5514	T. _____
T. Wolfcamp _____ 10398	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 9960 _____ to _____ 9980 _____	No. 3, from _____ 12225 _____ to _____ 12260 _____
No. 2, from _____ 12116 _____ to _____ 12124 _____	No. 4, from _____ 12405 _____ to _____ 12421 _____

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
0	4080	4080	Red beds, Salt, Anhyd. and Dolomite	11410	12116	706	Limestone w/ chert and shale
4080	5514	1434	Dolomite w/ minor sand- stone	12116	12550	434	Shale w/ sandstone and limestone
5514	7510	1996	Sandstone w/ some lime- stone, dolomite, and shale				
7510	9840	2330	Limestone w/ shale and some sandstone				
9840	10040	200	Dolomite w/ some lime- stone				
10040	10398	358	Limestone, shale and sandstone				
10398	11410	1012	Limestone w/ dolomite chert and shale				