

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.	30-025-31735
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	LG-7655

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Watkins 32 State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 1	
2. Name of Operator Santa Fe Energy Operating Partners, L.P.		9. Pool name or Wildcat North Lusk (Bone Spring)	
3. Address of Operator 550 W. Texas, Suite 1330, Midland, Texas 79701			
4. Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>18S</u> Range <u>32E</u> NMPM Lea County			
10. Date Spudded 10-7-92	11. Date T.D. Reached 11-27-92	12. Date Compl. (Ready to Prod.) 3-18-93	13. Elevations (DF & RKB, RT, GR, etc.) 3701.6' GR
14. Elev. Casinghead			
15. Total Depth 12,922'	16. Plug Back T.D. 11,670'	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By Rotary Tools All Cable Tools N/A
19. Producing Interval(s), of this completion - Top, Bottom, Name 8566'-8594' (Bone Spring)			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run EPT; CNL/LDT; MSFL/ARI			22. 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"	48	473'	17-1/2"	500 sx C1 C (circ)	None
8-5/8"	28	4206'	12-1/4"	2400 sx C-Lite + 500 sx C (circ)	
5-1/2"	17	12,921'	7-7/8"	1630 sx C1 H	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
N/A					2-7/8"	8452'

26. Perforation record (interval, size, and number) 12,521'-12,533' (9 holes) - abandoned 11,833'-11,845' (13 holes) - abandoned 8,566'-8,594' (29 holes)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 12,521'-533' 11,833'-845' 8566'-8594' AMOUNT AND KIND MATERIAL USED CIBP @ 12,450' w/ 35' cmt on t CIBP @ 11,700' w/ 35' cmt on t 3500 gal 7 1/2% HCl + 50 BS. Fra
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PRODUCTION							
Date First Production 2-28-93		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1 1/4"x20"x22" RHBC Hollow tube pump				Well Status (Prod. or Shut-in) Pumping	
Date of Test 3-29-93	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 68	Gas - MCF 41	Water - Bbl. 53	Gas - Oil Ratio 603
Flow Tubing Press.	Casing Pressure 80	Calculated 24-Hour Rate	Oil - Bbl. 68	Gas - MCF 41	Water - Bbl. 53	Oil Gravity - API - (Corr.) 40°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - Plan sales connection to Conoco, Inc.	Test Witnessed By
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30. List Attachments C-102, C-103, 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 <u>Terry McCullough</u>	Printed Name <u>Terry McCullough</u>	Title <u>Sr. Prod. Clerk</u>	Date <u>4-6-93</u>

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 2550
 T. Yates 2773
 T. 7 Rivers 3154
 T. Queen 3753
 T. Grayburg 4440
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinebry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp 10262
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn 11392
 T. Atoka 11709
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand 5073
 T. Bone Springs 6889
 T. Morrow 12110
 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 Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 8566 to 8594
 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 12521 to 12533 feet F 543 BW over load
 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
2773	3753	980	Anhydrite w/Dolomite, Sandstone & Shale	9145	9490	345	Sandstone w/ shale & limestone
3753	5073	1320	Dolomite w/Sandstone, some anhydrite & shale	9490	9810	320	Limestone and shale w/ some sandstone
5073	6889	1816	Sandstone w/Dolomite & some shale	9810	10262	452	Sandstone w/some shale and limestone
6889	8252	1363	Limestone w/sandstone, shale, minor chert & dolomite	10262	11392	1130	Shale and limestone w/ some chert
8252	8624	372	Sandstone w/some shale and limestone	11392	12521	1129	Limestone and shale w/ some sandstone
8624	9145	521	Limestone and shale w/ some chert & sandstone	11521	12821	1300	Sandstone and shale w/ some limestone
				12821	12922	101	Shale w/ some limestone