

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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O. C. D.

ARTESIA OFFICE

Form C-105
Revised 10-1-78

80-015-25688

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LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL Bfm		2. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐		3. Indicate Type of Lease State ☐ Fee ☒	
4. Name of Operator Santa Fe Energy Operating Partners, L.P.		5. Farm or Lease Name Hargis		6. State Oil & Gas Lease No.	
7. Location of Well 500 W. Illinois, Suite 500, Midland, TX 79701		8. Well No. 1		9. Field and Pool, or Wildcat Undes. Otis Morrow	
10. LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM		11. COUNTY Eddy			
12. Date Spudded 12-29-86		13. Date T.D. Reached 2-14-87		14. Date Compl. (Ready to Prod.) 4-2-87	
15. Elevations (DF, RKB, RT, GR, etc.) 3054.7 GR		16. Elev. Casinghead			
17. Total Depth 12,296'		18. Plug Back T.D. 12,168'		19. If Multiple Compl., How Many	
20. Producing Interval(s), of this completion - Top, Bottom, Name 11,676-11,910' Morrow		21. Intervals Drilled By all		22. Was Directional Survey Made No	
23. Type Electric and Other Logs Run Compensated Neutron-Litho Density, Dual Induction, Dual Laterlog - Micro		24. Was Well Cored No			
25. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	61	287	17 1/2	300 sx C1 C	
9 5/8	40	2224	12 1/4	1400 sx 65/35 poz & 360 C1 C	
7	26	10,063	8 1/2	800 sx C1 H	
26. LINER RECORD			27. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
4 1/2	9721	12,296	420 SX		2 3/8
			DEPTH SET		
			11,602		
			PACKER SET		
			11,572		
28. Perforation Record (Interval, size and number) 11,676-11,910' 2 JSPF 51 holes			29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL		
			11,676-11,910		
			AMOUNT AND KIND MATERIAL USED		
			Acidize w/8000 gals 7 1/2% Morrow acid		
30. PRODUCTION					
31. First Production 4-2-87		32. Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		33. Well Status (Prod. or Shut-in) SI WOPL & battery	
34. Date of Test 4-2-87	35. Hours Tested 4	36. Choke Size Varid	37. Prod'n. Per Test Period 0	38. Oil - Bbl. 0	39. Gas - MCF 647
40. Flow Tubing Press. 2570		41. Casing Pressure 3368	42. Calculated 24-hour Rate 0	43. Gas - MCF 1202	44. Water - Bbl. 0
45. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented		46. Oil Gravity - API (Corr.) NA		47. Test Witnessed By	
48. List of Attachments C122 loop deviation					
49. 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

Billie Hood

TITLE Sr. Production Clerk

DATE 4-28-87

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 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	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10570	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss 10880	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 10, 44	T. Morrow 11655	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	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
0	287	287	Red bed				
287	1141	854	Anhy, Salt				
1141	2095	954	Anhy				
2095	2224	129	Lamar Lm				
2224	2905	681	Lm/Sd				
2905	5209	2304	Delaware				
5209	10144	4935	Lm/Sd/Sh				
10144	10422	278	Sh				
10422	10579	157	Sh/Lm				
10579	10834	255	Lm				
10834	11536	702	Lm/Sh				
11536	11699	163	Sh				
11699	12296	597	Lm/Sd/Sh				