

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

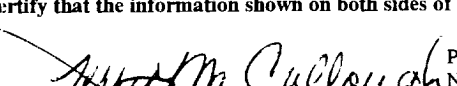
**OIL CONSERVATION DIVISION**

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

CLSF  
BGM  
BGM

Form C-105  
Revised 1-1-89

WELL API NO. <b>30-015-29477</b>
5. Indicate Type Of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG													
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name <b>Weems</b>								
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____					8. Well No. <b>2</b>								
2. Name of Operator <b>Santa Fe Energy Resources, Inc.</b>					9. Pool name or Wildcat <del>Under</del> <b>Esperanza Delaware</b>								
3. Address of Operator <b>550 W. Texas, Suite 1330, Midland, TX 79701</b>													
4. Well Location Unit Letter <b>F</b> : <b>2037</b> Feet From The <b>North</b> Line and <b>1901</b> Feet From The <b>West</b> Line Section <b>27</b> Township <b>22S</b> Range <b>27E</b> NMPM <b>Eddy</b> County													
10. Date Spudded <b>5/3/97</b>		11. Date T.D. Reached <b>5/16/97</b>		12. Date Compl.(Ready to Prod.) <b>6/27/97</b>		13. Elevations(DF & RKB, RT, GR, etc.) <b>3116' GR</b>		14. Elev. Casinghead					
15. Total Depth <b>5640'</b>		16. Plug Back T.D. <b>5565'</b>		17. If Multiple Compl. How Many Zones? <b>N/A</b>		18. Intervals Drilled By <b>All</b>		19. Was Directional Survey Made <b>No</b>					
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>5096'-5108' (Delaware)</b>								20. Was Well Cored <b>No</b>					
21. Type Electric and Other Logs Run <b>Platform Express AI/GR/SP; Three Detector Density/CNL/GR</b>								22. Was Well Cored <b>No</b>					
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"		48.0		450'		17-1/2"		605 sx C1 "C"		None			
8-5/8"		32.0		2100'		11"		600 sx Poz & C1 "C"		None			
5-1/2"		15.5		5640'		7-7/8"		350 sx Poz & "C"		None			
24. LINER RECORD										25. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	DEPTH SET	PACKER SET	
N/A										2-7/8"		5173'	N/A
26. Perforation record (interval, size, and number) <b>5096'-5108' (1 SPF) 12 holes</b>						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED					
						5096'-5108'		1000 gals 15% NeFe acid &					
								18 BS. Frac'd w/17,500 gal					
								gel & 64,000# sand.					
28. PRODUCTION													
Date First Production <b>6/23/97</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>Pumping - 2-1/2" x 1-3/4" three tube pump</b>						Well Status (Prod. or Shut-in) <b>Producing</b>					
Date of Test <b>7/17/97</b>		Hours Tested <b>24</b>		Choke Size <b>N/A</b>		Prod'n For Test Period <b>40</b>		Oil - Bbl. <b>152</b>		Gas - MCF <b>70</b>		Water - Bbl. <b>3800</b>	
Flow Tubing Press. <b>N/A</b>		Casing Pressure <b>65</b>		Calculated 24-Hour Rate <b>40</b>		Oil - Bbl. <b>152</b>		Gas - MCF <b>70</b>		Water - Bbl. <b>40.2</b>		Oil Gravity - API (Corr.) <b>40.2</b>	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>Sold</b>										Test Witnessed By			
30. List Attachments <b>Deviation Survey, C-104, Logs</b>													
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 		Printed Name <b>Terry McCullough</b>		Title <b>Sr. Prod. Clerk</b>		Date <b>7/24/97</b>							

## 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

## Northeastern 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 _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	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 Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand <u>2140</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>5460</u>	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	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 4730 to 4780  
No. 2, from 5090 to 5125

## 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
2140	5460		Sandstone, Shale, Siltstone, Limestone
5460	5630		Limestone, Shale