Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-105 Revised 1-1-89

WELL API NO.

DISTRICT I

OIL CONSERVATION DIVISION

30-025-34456 5. Indicate Type Of Lease P.O. Box 1980, Hobbs, NM 88240 2040 Pacheco St. **DISTRICT II** Santa Fe, NM 87505 STATE X FEE 🗌 P.O. Drawer DD, Artesia, NM 88210 6. State Oil & Gas Lease No. DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 WELL COMPLETION OR RECOMPLETION REPORT AND LOG la. Type of Well: Lease Name or Unit Agreement Name GAS WELL X OIL WELL DRY 🗌 OTHER b. Type of Completion: WORK OVER NEW X PLUG BACK DIFF RESVR OTHER Thistle Unit DEEPEN 8. Well No. 2. Name of Operator Santa Fe Energy Resources, Inc. 3. Address of Operator 9. Pool name or Wildcat John Son 1300Ch 550 W. Texas, Suite 1330, Midland, TX 79701 Brinninstool (Wolfcamp) 4. Well Location Unit Letter 660 South 1980 Feet From The Line and Feet From The West Line Township 23S Range 33E **NMPM** 13. Elevations(DF & RKB, RT, GR, etc.) 12. Date Compl.(Ready to Prod.) 10. Date Spudded 11. Date T.D. Reached 14. Elev. Casinghead 1/08/99 3641' GR 10/10/98 11/22/98 16. Plug Back T.D. 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 15. Total Depth Cable Tools "N/A 13,707' 13.767 N/A 19. Producing Interval(s), of this completion - Top, Bottom, Name 20. Was Directional Survey Made 13,475'-13,619' (Wolfcamp) 21. Type Electric and Other Logs Run 22. Was Well Cored LDT/CNL, AIT & ALL/MCFL; BHC, RFT 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" H-40 48.0 605' 17-1/2" 600 sx Cl "C" (circ'd) None 12-1/4" 1400 sx Poz & "C" (circ'd) 9-5/8" 40.0 5.088' None 750 sx Poz H 7" P-110 26.0 12.640 None LINER RECORD **TUBING RECORD** 24. SIZE TOP BOTTOM SACKS CEMENT **SCREEN** SIZE **DEPTH SET** PACKER SET 4-1/2" 12.402' 13.767' 245 sx "H" 3-1/2" 12.300' 12,485 2-3/8" 12.485 27. ACID, SHOT, FRACTURE, CEMENT, SQEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 26. Perforation record (interval, size, and number) 13,475'-13,619' (20 shots) w/ 1-11/16" gun 13 475'-13 619' 23,592 gals 20% X-linked HCl/250 CO2 acid frac **PRODUCTION** 28 Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) 1/4/99 Flowing Producing Hours Tested Prod'n For Oil - Bbl. Water - Bbl. Date of Test Choke Size Gas - MCF Gas - Oil Ratio Test Period 2/9/99 4 hrs. varied 474 0.5 51.522 Casing Pressure Flow Tubing Press. Calculated 24 Oil - Bbl. Water - Bbl. Oil Gravity - API (Corr.) Hour Rate AOF 18,127 | 3 58.8 pkr. 55 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By Sold to Union Pacific Highland 30. List Attachments C-122 + attach, logs, deviation survey, C-104

Printed Terry McCullough Sr. Prod. Clerk Date 2/17/99 Title (Signature Name

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

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

T. Canyon _____ T. Ojo Alamo ____ T. Penn. "B"____

Northeastern New Mexico

Southeastern New Mexico

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 Greenborn T. G. T. Control	T. Salt	T. A —			<u>'</u>	. Strawn		I. Kirti				`. Penn. "C"	
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