

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

2040 Pacheco St.
Santa Fe, NM 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-35430
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input 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 Jalmat Field Yates Sand Unit	
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 _____					
2. Name of Operator Melrose Operating Co.				8. Well No. 174	
3. Address of Operator PO Box 5061, Midland, TX 79704				9. Pool name or Wildcat Jalmat (TN-YT-7R)	
4. Well Location Unit Letter <u>C</u> <u>1310</u> Feet From The <u>North</u> Line and <u>1330</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>22S</u> Range <u>35E</u> NMPM Lea County					
10. Date Spudded 03/31/01	11. Date T.D. Reached 04/05/01	12. Date Compl. (Ready to Prod.) 05/04/01	13. Elevations (DF & RKB, RT, GR, etc.) 3613 GR	14. Elev. Casinghead	
15. Total Depth 4220	16. Plug Back T.D. 4160	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools	19. Producing Interval(s), of this completion - Top, Bottom, Name 3872-4068	
21. Type Electric and Other Logs Run LDT-CNL-GR & DLL-GR			20. Was Directional Survey Made Yes		
22. Was Well Cored No					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# J-55	4167	12-1/4	275 SX P	-
5-1/2"	15.5# J-55	4210	7-7/8"	100 sx Hilite + 500 sx Cl H+ 200 sx Cl P	-
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD
					SIZE DEPTH SET PACKER SET
					2-7/8" 3815
26. Perforation record (interval, size, and number) 3872 - 4068 (172 shots, 4" OD jet perf gun)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED		
			3872-4068 5300 gal 15% NEFE HCL		
			70000 gal AmBorMax frac fl +		
			160000# 16/30 Brady sd		
28. PRODUCTION					
Date First Production 05/04/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pmp 2-1/2x2-1/4x20x24 THEC			Well Status (Prod. or Shut-in) Prod
Date of Test 05/11/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - BbL. 164	Gas - MCF 395
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - BbL. 164	Gas - MCF 34	Water - BbL. 395
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Tony Beilman
30. List Attachments logs, deviation survey					
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>Bonnie Atwater</u>		Printed Name <u>Bonnie Atwater</u>		Title <u>Agent</u>	Date <u>6-5-02</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 specific 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

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 _____ 3340.0	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3826.0	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 _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	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 _____ to _____ No. 3, from _____ to _____
No. 2, 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 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
0.0	2400.0	2400.0	Anhy
2400.0	4100.0	1700.0	Dolo