

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. 30-025-35308
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐			7. Lease Name or Unit Agreement Name Jalmat Field Yates Sand Unit				
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐			8. Well No. 172				
2. Name of Operator Melrose Operating Co.			9. Pool name or Wildcat Jalmat (TN-YT-7R)				
3. Address of Operator PO Box 5061, Midland, TX 79704							
4. Well Location Unit Letter <u>C</u> <u>1310</u> Feet From The <u>North</u> Line and <u>2200</u> Feet From The <u>West</u> Line Section <u>11</u> Township <u>22S</u> Range <u>35E</u> NMPM <u>Lea</u> County							
10. Date Spudded 02/07/01	11. Date T.D. Reached 02/13/01	12. Date Compl. (Ready to Prod.) 03/02/01	13. Elevations (DF & RKB, RT, GR, etc.) 3608	14. Elev. Casinghead			
15. Total Depth 4200	16. Plug Back T.D. 4155	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools	20. Was Directional Survey Made Yes			
19. Producing Interval(s), of this completion - Top, Bottom, Name 3860 - 4140			22. Was Well Cored No				
21. Type Electric and Other Logs Run LDT-CNL-GR & DLL-GR							
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	406	12-1/4	275 sx CI P+	-		
5-1/2"	15.5# J-55	4200	7-7/8"	650 sx Hilite P + 200 sx CI P	-		
24. LINER RECORD			25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4139	
26. Perforation record (interval, size, and number) 3860 - 4140 (262 shots, 4.5" OD jet perf gun)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
			DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
			3860 - 4140		6000 gal 15% NEFE HCL		
					72526 gal 20# Delta 140 +		
					166562# 16/30 sd		
28. PRODUCTION							
Date First Production 03/02/01		Production Method (Flowing, gas lift, pumping - Size and type pump) Pmp 2x1-3/4x16x20 THEC				Well Status (Prod. or Shut-in) Prod	
Date of Test 03/13/01	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 50	Gas - MCF 80	Water - Bbl. 200	Gas - Oil Ratio 1600
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 50	Gas - MCF 80	Water - Bbl. 200	Oil Gravity - API - (Corr.)	
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>06/05/01</u>

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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 GEOGRAPHICA - SECTION OF STATE

Southeastern New Mexico

Northwestern 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

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

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