

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

Form C-105
Revised 1-1-89

WELL API NO. 30-025-34238
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. LG-6346
7. Lease Name or Unit Agreement Name State 3
8. Well No. 1
9. Pool name or Wildcat NE Lovington Penn

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		1. Well No. 1	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DRY BEVER ☐ OTHER ☐		9. Pool name or Wildcat NE Lovington Penn	
2. Name of Operator Manzano Oil Corporation		8. Well No. 1	
3. Address of Operator P.O. Box 2107, Roswell, NM 88202-2107		9. Pool name or Wildcat NE Lovington Penn	
4. Well Location Unit Letter <u>G</u> : <u>2144</u> Feet From The <u>North</u> Line and <u>2087</u> Feet From The <u>East</u> Line Section <u>12</u> Township <u>16 South</u> Range <u>36 East</u> NMPM Lea County			
10. Date Spudded 1/4/98	11. Date T.D. Reached 2/02/98	12. Date Compl. (Ready to Prod.) 2/16/98	13. Elevations (DF'd RKB, RT, GR, etc.) 3875.47' GL
14. Elev. Casinghead 3890'	15. Total Depth 11,700'		
16. Plug Back T.D. 11,650'		17. If Multiple Compl. How Many Zones? 1	18. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐
19. Producing Interval(s), of this completion - Top, Bottom, Name Strawn 11,534-550'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/ZDL/CN/ML/DAL/DIFL			22. Was Well Cored 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"	54.5#	400' KB	17-1/2"	455 C1 C	None
8-5/8"	32#	4,371' KB	11"	800 Lite + 200 C1 C	None
5-1/2"	17 & 20#	11,700' KB	7-7/8"	1st stg: 300 Super C	None
				2nd stg: 150 Lite + 50 Super C	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	11,458'
						11,420'

26. Perforation record (interval, size, and number) 11,534-550' = 16' @ 4 spf = 64 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11,534-550'	Acidize w/10k gal 20% NFFF + 100 balls

28. PRODUCTION							
Date First Production 2/14/98		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/17/98	Hours Tested 24	Cable Size 15/64"	Prod'n For Test Period	Oil - Bbl 405	Gas - MCF 390	Water - Bbl 0	Gas - Oil Ratio 963
Flow Tubing Press. 850	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl 405	Gas - MCF 390	Water - Bbl 0	Oil Gravity - API - (Corr.) 44.0	

29. Disposition of Gas (Solid, used for fuel, vented, etc.) Sold.	Test Witnessed By Ronnie Carre
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30. List Attachments GR/ZDL/CN/ML/DAL/DIFL

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 <i>Allison Hernandez</i>	Printed Name Allison Hernandez	Title Eng. Tech.	Date 2/27/98

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 2078	T. Strawn _____ 11,422	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 3240	T. Atoka _____ 11,619	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 3240	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 4113	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4970	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 6469	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7685	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 8432	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9620	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	From	To	Thickness in Feet	Lithology
0	2078	2078	Red beds				
2078	3240	1162	Salt				
3240	4113	873	Anhydrite, Shale, Sand				
4113	4970	857	Dolomite, Anhydrite, Shale				
4970	6469	1499	Dolomite, Shale				
6469	7685	1216	Dolomite, Shale, Sand				
7685	8432	747	Shale, Dolomite, Sand				
8432	9620	1188	Limestone, Dolomite, Shale				
9620	11422	1802	Limestone, Dolomite, Shale				
11422	11619	197	Limestone, Shale, Dolomite				
11619	11970	351	Sand, Shale, Limestone				