

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-35120
5. Indicate Type of Lease STATE ☒ FEE ☐
State Oil & Gas Lease No. V0-5694

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Manzanita State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____	
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 Featherstone (Bone Spring)

4. Well Location Unit Letter E : 1880 Feet From The North Line and 660 Feet From The West Line Section 16 Township 20 South Range 35 East NMPM Lea County

10. Date Spudded 9/02/00	11. Date T.D. Reached 9/28/00	12. Date Compl. (Ready to Prod.) 11/11/00	13. Elevations (DF& RKB, RT, GR, etc.) 3707' GL	14. Elev. Casinghead 3722'
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15. Total Depth 10,825'	16. Plug Back T.D. 10,768'	17. If Multiple Compl. How Many Zones? 	18. Intervals Drilled By 	Rotary Tools X	Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name Lower Bone Spring 10,732-42'	20. Was Directional Survey Made No
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21. Type Electric and Other Logs Run CNL/Density - DILL	22. Was Well Cored No
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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"	68#	402'KB	17-1/2"	375 C1 C	None
8-5/8"	24.4 & 32#	3,805'KB	11"	1150 C1 C	None
5-1/2"	17#	10,838'KB	7-7/8"	650 C1 H	None

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	10,775'	10,632'

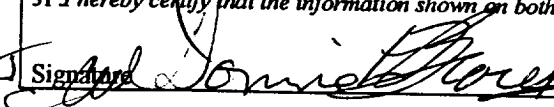
26. Perforation record (interval, size, and number) 10,732-42' = 20 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 10,732-42' AMOUNT AND KIND MATERIAL USED Acidized w/2500 gal 20% NEFE
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28. PRODUCTION							
Date First Production 12/18/00		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Producing		
Date of Test 12/18/00	Hours Tested 24	Choke Size Pumping	Prod'n For Test Period 24 hrs	Oil - Bbl 58	Gas - MCF 44	Water - Bbl. 35	Gas - Oil Ratio 759
Flow Tubing Press. NA	Casing Pressure 20	Calculated 24-Hour Rate	Oil - Bbl. 58	Gas - MCF 44	Water - Bbl. 35	Oil Gravity - API - (Corr.) 33°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Used for fuel	Test Witnessed By Ronnie Carre
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30. List Attachments CNL/Density - DILL
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31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature  Printed Name Donnie Brown Title VP Engineering Date 12/18/00

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

T. Anhy	1964
T. Salt	2162
B. Salt	3640
T. Yates	3842
T. 7 Rivers	
T. Queen	4592
T. Grayburg	
T. San Andres	5128
T. Glorieta	
T. Paddock	
T. Blinebry	
T. Tubb	
T. Drinkard	
T. Abo	
T. Wolfcamp	
T. Penn	
T. Cisco (Bough C)	

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand 5990
T. Bone Springs 8310
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____
T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, 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
Surf	1964	1964	Red beds
1964	2162	198	Anhydrite
2162	3842	1680	Salt, Anhydrite, Shale
3842	5128	1286	Dolomite, Sand, Shale
5128	5990	862	Dolomite, Shale, Sand
5990	8310	2320	Sand, Shale, Dolomite
8310	TD	2515	Limestone, Sand, Shale, Dolomite

From	To	Thickness In Feet	Lithology