

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. 30-025-33724
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-4430
7. Lease Name or Unit Agreement Name "SV" Sunrise State
8. Well No. 1
9. Pool name or Wildcat NE Echol Devonian

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name "SV" Sunrise State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ 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 NE Echol Devonian	
4. Well Location Unit Letter <u>P</u> : <u>913</u> Feet From The <u>South</u> Line and <u>382</u> Feet From The <u>East</u> Line Section <u>15</u> Township <u>10 South</u> Range <u>37 East</u> NMPM Lea Country			
10. Date Spudded 1/20/97	11. Date T.D. Reached 3/06/97	12. Date Compl. (Ready to Prod.) 3/24/97	13. Elevations (DF & RKB, RT, GR, etc.) 3940.7' GL
14. Elev. Casinghead 3957' KB			
15. Total Depth 12,108'	16. Plug Back T.D. 12,108'	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 Open hole from 12,050' to 12,108'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Density/Neutron - Sonic - Laterolog			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"	48#	355'	17-1/4"	350 C1 C	None
8-5/8"	32#	4,250'	12-1/4"	1000 65/35 + 200 C1 C	None
5-1/2"	17, 20 & 23#	12,050'	7-7/8"	405 C1 H	None
Cement in 2 stages w/DV tool @ 11,453'			1st Stage:	180 sks Class H	
			2nd Stage:	225 sks Class H	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	11,448'	11,448'

26. Perforation record (interval, size, and number) Open hole 12,050' to 12,108'	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12,050-108'	None

PRODUCTION

28. Date First Production 3/20/97		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.	
Date of Test 3/21/97	Hours Tested 24	Choke Size 14/64"	Prod'n For Test Period	Oil - Bbl. 208	Gas - MCF TSTM	Water - Bbl. 0	Gas - Oil Ratio Nil
Flow Tubing Press. 15	Casing Pressure Zero	Calculated 24-Hour Rate	Oil - Bbl. 208	Gas - MCF TSTM	Water - Bbl. 0	Oil Gravity - API - (Corr.) 42.0	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Used for fuel						Test Witnessed By Ronnie Carre	

30. List Attachments Density/Neutron - Sonic - Laterolog	
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	
Printed Name Allison Hernandez	Title Eng. Tech.
Date 2/25/97	

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 _____	T. Canyon _____
T. Salt <u>2240</u>	T. Strawn <u>9911</u>
B. Salt _____	T. Atoka _____
T. Yates <u>2940</u>	T. Miss <u>11506</u>
T. 7 Rivers _____	T. Devonian <u>12026</u>
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres <u>4847</u>	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb <u>7061</u>	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo <u>7754</u>	T. _____
T. Wolfcamp <u>8965</u>	T. _____
T. Penn <u>9531</u>	T. _____
T. Cisco (Bough C) <u>9660</u>	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzie _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>12,050</u> to <u>12,108</u>	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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	2240	2240	Red beds				
2240	2940	700	Salt, Anhydrite				
2940	4847	1907	Anhydrite, Dolomite, Shale, Sand				
4847	7061	2214	Limestone, Dolomite, Shale, Sand, Anhydrite				
7061	9130	2069	Dolomite, Shale, Anhydrite, Sand, Limestone				
9130	12026	2896	Limestone, Shale, Sand, Anhydrite				
12026	TD	82	Dolomite, Limestone, Chert				

RECEIVED
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