

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. 30-025-03204
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Amerada Record
8. Well No. 2
9. Pool name or Wildcat Pearl Osado, Morrow, North

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Amerada Record	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☒ OTHER <u>Reentry</u>			
2. Name of Operator Manzano Oil Corporation		8. Well No. 2	
3. Address of Operator P.O. Box 2107, Roswell, NM 88202-2107		9. Pool name or Wildcat Pearl Osado, Morrow, North	
4. Well Location Unit Letter <u>H</u> , 1980 Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>25</u> Township <u>19 South</u> Range <u>35 East</u> NMPM <u>Lea</u> County			
10. Date Spudded 6/09/99	11. Date T.D. Reached 7/18/99	12. Date Compl. (Ready to Prod.) 8/11/99	13. Elevations (DF & RKB, RT, GR, etc.) 3679' GL
14. Elev. Casinghead			
15. Total Depth 12,617'	16. Plug Back T.D. 12,321'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools ☒ Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Morrow 12,228-12,240'			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Lith-Density/CNL + LL-Micro CFL			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
16"	65#	245'	19-1/4"	350 sx	None
11-3/4"	47#	4,443'	15"	60 sx	None
5-1/2"	17 & 20#	12,382'	8-3/4"	850 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	12,143'	12,152'

26. Perforation record (interval, size, and number) 12,228-12,240' = 12' @ 4 spf = 48 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	12,228-240'	Acidize w/1750 gal 7-1/2% Nit
		MS Acid
		Frac w/20,000 gal Alcofrac +

28. PRODUCTION							
Date First Production 10/27/99		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 10/27/99	Hours Tested 14	Choke Size 16/64"	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 325	Water - Bbl 0	Gas - Oil Ratio
Flow Tubing Press. 300	Casing Pressure Pkr	Calculated 24-Hour Rate	Oil - Bbl 0	Gas - MCF 325	Water - Bbl 0	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By Van Barton	

30. List Attachments
Litho-Density/CNL + LL-Micro CFL

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 [Signature] Printed Name D.E. Brown

Title VP Engineering Date 10/28/99

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. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Perm _____
 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 _____
 T. Bone Springs _____
 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	From	To	Thickness in Feet	Lithology
			On file.				

RECEIVED
 JUN 10 1939
 603