

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, 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 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO. 30-025-36692
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-1824

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Matatdor 19 State 24258	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 2	
2. Name of Operator Mack Energy Corporation 13837		9. Pool name or Wildcat Grayburg Jackson SR Q G SA 28509	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter L : 2310 Feet From The South Line and 330 Feet From The West Line Section 19 Township 16S Range 32E NMPM Lea County			
10. Date Spudded 6/1/2004	11. Date TD Reached 6/19/2004	12. Date Compl. (Ready to Prod.) 7/16/2004	13. Elevations (DF & RKB, RT, GR, etc.) 4392' RKB
14. Elev. Casinghead 4380'			
15. Total Depth 5030	16. Plug Back TD 4505	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Yes Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4093.5-4122' Grayburg Jackson SR Q G SA			20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray			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	413	17 1/2	450 sx	None
8 5/8	24	2348	12 1/4	1000 sx	None
5 1/2	17	5021	7 7/8	1350 sx	None

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	4019-262722

26. Perforation record (interval, size, and number) 4093.5-4122', .45, 12 4562-4672.5 (30) CIBP @ 4540 w/35' cmt cap	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 4093.5-4122' 4093.5-4122' 4093.5-4122' AMOUNT AND KIND OF MATERIAL USED 1000 gals 15% NEFE 29,400 gals 40# gel 23,000# 16/30 sand
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28. PRODUCTION							
Date First Production 7/19/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 x 1 1/2 x 22' pump				Well Status (Prod. or Shut-In) Producing	
Date of Test 8/2/2004	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 36	Gas - MCF 0	Water- Bbl. 0	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 36	Gas - MCF 0	Water- Bbl. 0	Oil Gravity - API - (Corr.) 39	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) N/A	Test Witnessed By Robert C. Chase
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30. List Attachments Deviation Survey and Logs

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 Jerry W. Sherrell	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 8/10/2004

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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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2470	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2768	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3372	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3784	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4124	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

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