

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. 30-015-32749
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2613
7. Lease Name or Unit Agreement Name Impala State
8. Well No. 2
9. Pool name or Wildcat Tamano Delaware

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐										
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ <u>Recompletion</u>										
2. Name of Operator Mack Energy Corporation										
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960										
4. Well Location Unit Letter <u>P</u> : <u>990</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County										
10. Date Spudded 6/22/2003		11. Date TD Reached 8/12/2003		12. Date Compl. (Ready to Prod.) 3/3/2004		13. Elevations (DF & RKB, RT, GR, etc.) 3865' RKB		14. Elev. Casinghead 3848'		
15. Total Depth 12,720		16. Plug Back TD 7915		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 4791-4907' Delaware								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		
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		54.5		821		17 1/2		700 sx		None
8 5/8		32		5006		11		2050 sx		None
5 1/2		17		12,720		7 7/8		1475 sx		None
24. LINER RECORD										
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		
25. TUBING RECORD										
SIZE		DEPTH SET		PACKER SET						
2 7/8		4925								
26. Perforation record (interval, size, and number) 4791-4907', .45, 24						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						4791-4907'		2000 gals 10% HCL		
						4791-4907'		72,595 gals 40# gel		
						4791-4907'		89,625# 16/30 sand		
28. PRODUCTION										
Date First Production 3/6/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x24' Pump						Well Status (Prod. or Shut-in) Producing		
Date of Test 4/4/2004		Hours Tested 24 hours		Choke Size		Prod'n For Test Period		Oil - Bbl. 49		Gas - MCF 125
								Water- Bbl. 270		Gas - Oil Ratio 2551
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl. 49		Gas - MCF 125		Water- Bbl. 270
										Oil Gravity - API - (Corr.) 37
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								Test Witnessed By Robert C. Chase		
30. List Attachments Deviation Survey, 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 <u>Jerry W. Sherrell</u>				Printed Name Jerry W. Sherrell		Title Production Clerk		Date 4/27/2004		

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 _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2312	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2746	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3414	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3866	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4360	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 _____ 4580	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. Permain _____	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