

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-015-33499
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-5614

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Popeye State
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐ RECEIVED		
2. Name of Operator Mack Energy Corporation		8. Well No. 1
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960		Red Tank Draw u/penny
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>East</u> Line Section <u>8</u> Township <u>19S</u> Range <u>23E</u> NMPM <u>Eddy</u> County		
10. Date Spudded 7/21/2004	11. Date TD Reached 8/12/2004	12. Date Compl. (Ready to Prod.) 9/15/2004
13. Elevations (DF & RKB, RT, GR, etc.) 3980' RKB		14. Elev. Casinghead 3962'
15. Total Depth 6630	16. Plug Back TD 6619	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools Yes
19. Producing Interval(s), of this completion - Top, Bottom, Name 6536-6544', Morrow		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	498	17 1/2	730 sx	None
8 5/8	24	1621	12 1/4	1180 sx	None
5 1/2	17	6630	7 7/8	1250 sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	6491	6491

26. Perforation record (interval, size, and number) 6536-6544', .45, 16	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6536-6544'	2000 gals 15% NEFE

28. PRODUCTION							
Date First Production 9/29/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 10/3/2004	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water- Bbl.	Gas - Oil Ratio
				2	413	3	206,500
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water- Bbl.	Oil Gravity - API - (Corr.)	
		2		413	3		

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	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 <u>Jerry W. Sherrell</u>	Printed Name Jerry W. Sherrell	Title Production Clerk	Date 10/20/2004

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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1772	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 2757	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3416	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 4662	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permain _____	T. _____
T. Cisco (Bough C) _____ 6282	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

OPERATOR: MACK ENERGY
WELL/LEASE: POPEYE ST 1
COUNTY: EDDY, NM

141-0028

STATE OF NEW MEXICO
DEVIATION REPORT

277	1
484	2 1/4
876	3 3/4
1,001	3
1,096	3
1,190	2 1/4
1,284	2 1/4
1,441	1
1,620	1 1/4
1,801	1
2,118	1
2,433	1/4
2,907	1/4
3,349	1
3,854	1 1/4
4,327	2 1/2
4,517	2 1/2
4,671	1 3/4
4,860	2
5,049	1/4
5,396	1/4
5,900	1
6,366	2

RECEIVED

AUG 23 2004

By: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 20th day of August, 2004, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

J Robertson
Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



J ROBERTSON
Notary Public, State of Texas
My Commission Expires:
August 23, 2007