

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
CISA
BLM
Bryon
6/24

WELL API NO. 30-015-32159
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-742

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name Mesquite State	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐		8. Well No. 12	
2. Name of Operator Mack Energy Corporation		9. Pool name or Wildcat East Empire Yeso	
3. Address of Operator P.O. Box 960, Artesia, NM 88211-0960			
4. Well Location Unit Letter <u>N</u> : <u>910</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>West</u> Line Section <u>20</u> Township <u>17S</u> Range <u>29E</u> NMPM <u>Eddy</u> County			
10. Date Spudded 4/24/02	11. Date TD Reached 5/5/02	12. Date Compl. (Ready to Prod.) 5/17/02	13. Elevations (DF & RKB, RT, GR, etc.) 3629' RKB
14. Elev. Casinghead 3617'			
15. Total Depth 4335'	16. Plug Back TD 4315'	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 3892-4197.5' Paddock			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	368'	17 1/2	375 sx	None
8 5/8	24	821'	12 1/4	500 sx	None
5 1/2	17	4327'	7 7/8	905 sx	None

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	4209'

26. Perforation record (interval, size, and number) 3892-4197.5', 41, 87	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3892-4197.5'	2500 gals 15% NEFE
	3892-4197.5'	32000 gals 20% HCL, 54000 gals 40# gel
	3892-4197.5'	5000 gals 15% acid

23. PRODUCTION							
Date First Production 5/25/02		Production Method (Flowing, gas lift, pumping - Size and type pump) 2 1/2x2x16' Pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 6/13/02	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 98	Gas - MCF 187	Water - Bbl. 120	Gas - Oil Ratio 1908
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 98	Gas - MCF 187	Water - Bbl. 120	Oil Gravity - API - (Corr.) 38	

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, Logs
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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>Crissa D. Carter</u>	Printed Name Crissa D. Carter	Title Production Analyst	Date 6/27/02

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 _____ 784	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1058	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1650	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2316	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 3792	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. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....	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.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

May 14, 2002

Mack Energy Corporation
PO Drawer 960
Artesia, NM 88211-0960

RE: Mesquite State #12
910' FSL & 2310' FWL
Sec. 20, T17S, R29E
Eddy County, New Mexico



Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
340'	1°	2155'	1 3/4°
654'	1 1/4°	2497'	1 1/2°
825'	1°	2987'	2 1/2°
1075'	1°	3483'	2°
1411'	3/4°	3987'	2 1/4°
1692'	1°	4335'	1°
1969'	1°		

Very truly yours,

Eddie C. LaRue
Vice President

MAY 16 2002

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 14th day of May, 2002.

Notary Public

