

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
Department of Energy, Minerals and Natural Resources

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

Form C-105
Revised 1-1-89

WELL API NO. **30-015-30831**

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-936

7. Lease Name or Unit Agreement Name
Harper State

8. Well No.
1

9. Pool name or Wildcat
Loco Hills Paddock

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 ☐

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960, Artesia, NM 88211-0960

4. Well Location
Unit Letter **P** : **430** Feet From The **South** Line and **330** Feet From The **East** Line
Section **16** Township **17S** Range **30E** NMPM **Eddy, NM** County

10. Date Spudded 12/11/99	11. Date TD Reached 12/22/99	12. Date Compl. (Ready to Prod.) 2/14/00	13. Elevations (DF & RKB, RT, GR, etc.) 3689 RKB	14. Elev. Casinghead 3677
15. Total Depth 4888	16. Plug Back TD 4857	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
4397-4778.5 Paddock

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run
Platform Express, Dual Lateralog, NGT

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, K-55	54.5	445	17 1/2	450 sx	
8 5/8 J-55	24	1110	12 1/4	475 sx	
5 1/2 J-55	17	4870	7 7/8	1011 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8	4374	

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4397-4778.5 0.41, 75 holes		4397-4778.5	2500 gals 15% NE acid
		4397-4778.5	32000 gals 20% acid 54,000 gals 40# gel
		4397-4778.5	5000 gals 15% acid

28. PRODUCTION							
Date First Production 2/22/00		Production Method (Flowing, gas lift, pumping - Size and type pump) submersible				Well Status (Prod. or Shut-in) Producing	
Date of Test 2/24/00	Hours Tested 24	Choke Size None	Prod'n For Test Period	Oil - Bbl. 107	Gas - MCF 140	Water - Bbl. 525	Gas - Oil Ratio 1308
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 107	Gas - MCF 140	Water - Bbl. 525	Oil Gravity - API - (Corr.) 38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
Robert Chase

30. List Attachments

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 Crissa D. Carter Printed Name Crissa D. Carter Title Production Analyst Date 2/29/2000

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" _____
B. Salt _____ 521	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 1005	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 1216	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1520	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 2130	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2840	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 4304	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