

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N. M. OIL
ARTESIA, NM 88211-0960

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.
LC-055259

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Mohawk Federal #1

9. API WELL NO.

30-015-30630

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 14 T17S R30E

12. COUNTY OR
PARISH
Eddy

13. STATE
NM

1a. 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 AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

(505) 748-1288

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

990 FSL 330 FWL

At top prod. interval reported below

990 FSL 330 FWL

At total depth

990 FSL 330 FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED
6/26/99

16. DATE T.D. REACHED
7/7/99

17. DATE COMPL. (Ready to prod.)
7/23/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3689 RKB

19. ELEV. CASING HEAD
3677

20. TOTAL DEPTH, MD & TVD
5080

21. PLUG, BACK T.D., MD & TVD
5031

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS
Yes

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

4534.5-4829, Paddock

25. WAS DIRECTIONAL
SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	308	17 1/2	550sx	None
8 5/8	24	1206	12 1/4	650sx	None
5 1/2	15.5	5044	7 7/8	1050sx	None

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4842	

31. PERFORATION RECORD (Interval, size and number)

4534.5-4829, 1/2, 78

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4534.5-4829	2500 gals 15% NE acid
4534.5-4829	32,000 gals 20% NE acid

33. PRODUCTION

DATE FIRST PRODUCTION 8/7/1999		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 2 20 RHBC HVR PAP BNC				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/12/1999	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 105	GAS-MCF. 121	WATER-BBL. 435	GAS-OIL RATIO 1152
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 105	GAS-MCF. 121	WATER - BBL. 435	OIL GRAVITY - API (CORR.) 38	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from well logs and records

SIGNED

C. D. Carter

TITLE

Production Analyst

DATE

8/16/1999

*(See Instructions and spaces for Additional Data on Reverse Side)

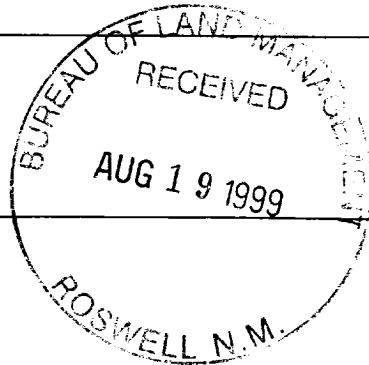
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

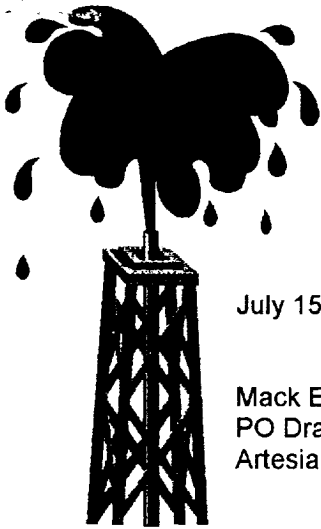
37. SUMMARY OF POROUS ZONES- (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Loco Hills Paddock	4496	4876	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	2522	
San Andres	2965	
Glorietta	4425	





Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors
PO Box 1370 Artesia, NM 88211-1370
505/746-6651 746-3518 fax 748-2205

July 15, 1999

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

RE: Mohawk Fed #1
990' FSL & 330' FWL
Sec. 14, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

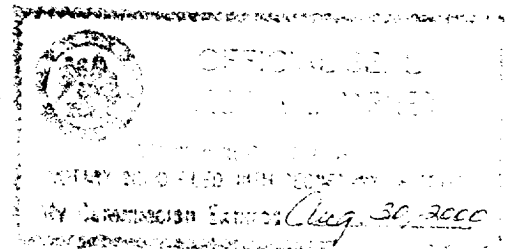
DEPTH	DEVIATION
438'	1°
791'	1/2°
1230'	3/4°
1550'	3/4°
2140'	1/2°
2445'	1/2°
3156'	1°
3649'	1°
4055'	1 1/4°
4554'	3/4°
5076'	2°

Very truly yours,

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 15th day of July, 1999.

Notary Public

99_951.DOC

Serving Southeast New Mexico and West Texas Since 1974