

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
See other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
LC-055259

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

330 FSL 990 FWL

At top prod. interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Mohawk Federal #2

9. API WELL NO.

30-015-30930 51

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 14 T17S R30E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM15. DATE SPUDDED
2/8/0016. DATE T.D. REACHED
2/20/0017. DATE COMPL. (Ready to prod.)
3/3/0018. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3695 RKB19. ELEV. CASING HEAD
368320. TOTAL DEPTH, MD & TVD
497521. PLUG, BACK T.D., MD & TVD
494922. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BYROTARY TOOLS
Yes

CABLE TOOLS

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

4512.5-4905.5 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	445	17 1/2	450sx	None
8 5/8	24	1220	12 1/4	475 sx	None
5 1/2	17	4964	7 7/8	1010 sx	None

29. LINER RECORD

SIZE	T O P (MD)	B O T T O M (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	4918	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4512.5-4905.5	2500 gals 15% NEFE acid
4512.5-4905.5	32,000 gals 20% HCL acid
4512.5-4905.5	54,000 gals 40# gel
4512.5-4905.5	5000 gals 15% acid

4512.5-4905.5, 41,101

33. PRODUCTION

DATE FIRST PRODUCTION 3/6/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) 2 1/2 x 1 1/2 16' RHBC HVR PAP BNC					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 3/16/00	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 36	GAS-MCF. 50	WATER-BBL. 425	GAS-OIL RATIO 1400	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 36	GAS-MCF. 50	WATER - BBL. 425	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 all available records

SIGNED Cassia D. Cont TITLE Production Analyst DATE 3/16/00

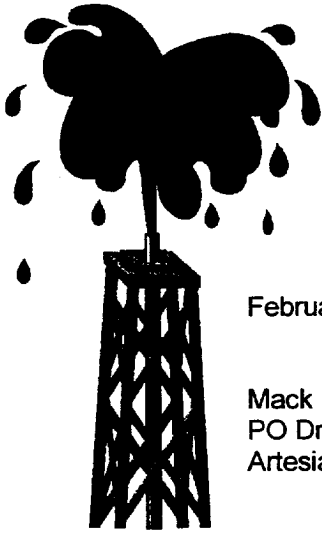
*(See Instructions and spaces for Additional Data on Reverse Side)

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.	GEOLOGIC MARKERS		
				NAME	MEAS.DEPH	TRUE VERT.DEPH
Loco Hills Paddock	4508	4888		Queen	2230	
				San Andres	2984	
				Glorietta	4434	





Artesia Fishing Tool Co., Inc.

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

February 29, 2000

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

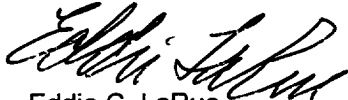
RE: Mohawk #2
330' FSL & 990' FWL
Sec. 14, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

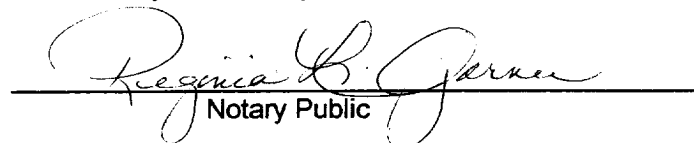
DEPTH	DEVIATION
470'	1°
927'	1 1/4°
1396'	1°
1612'	3/4°
2047'	3/4°
2514'	1°
2856'	1°
3370'	1 1/4°
4123'	1 1/4°
4975'	1 1/2°

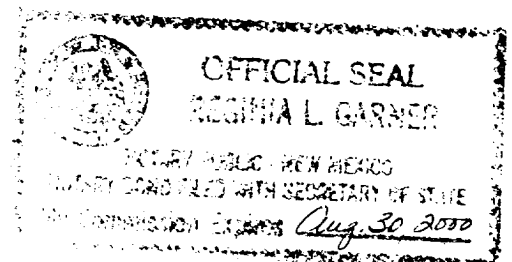
Very truly yours,


Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 29th day of February, 2000.


Notary Public



00_986

Serving Southeast New Mexico and West Texas Since 1974

