

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

FOR APPROVED
OMB NO. 1004-0137
Expires December 31, 1991
M. O. Oil Cons. Division
6. LEASE DESIGNATION AND SERIAL NO.
NM-074935

811 S. 1st Street
Artesia, NM 88210-2834

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

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 **2310 FNL & 2310 FWL**
At top prod. interval reported below _____
At total depth _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Electra Federal #1

9. API WELL NO.
30-015-31429 S1

10. FIELD AND POOL, OR WILDCAT
Loco Hills Paddock

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 15-T17S-R30E

14. PERMIT NO. _____ DATE ISSUED _____

12. COUNTY OR PARISH **Eddy** 13. STATE **NM**

15. DATE SPUNDED **11/26/00** 16. DATE T.D. REACHED **12/7/00** 17. DATE COMPL. (Ready to prod.) **2/8/01** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **3702 RKB** 19. ELEV. CASING HEAD **3691**

20. TOTAL DEPTH, MD & TVD **4850** 21. PLUG, BACK T.D., MD & TVD **4824** 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)*
4445.5'- 4805' 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 K-55	48	403	17 1/2	450 sx	None
8 5/8 J-55	24	1190	12 1/4	600 sx	None
5 1/2 J-55	17	4838	7 7/8	820 sx	None

29. LINER RECORD 30. TUBING RECORD

SIZE	T O P (MD)	B O T T O M (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4811	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4445.5'- 4805'	2500 gals 15% NE Acid
4445.5'- 4805'	32000 gals 20% NE Acid
4445.5'- 4805'	54000 gals 40# gel
4445.5'- 4805'	5000 cold 15% HCL Acid

33. PRODUCTION

DATE FIRST PRODUCTION **2/19/01** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2 x 2 x 20' RHBC HVR PAP BNC** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
2/26/01	24		→	110	109	345	990
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
		→	110	106	345	38	

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

36. LIST OF ATTACHMENTS _____

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

SIGNED Wanda D. Carl TITLE Production Analyst DATE 2/26/01

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

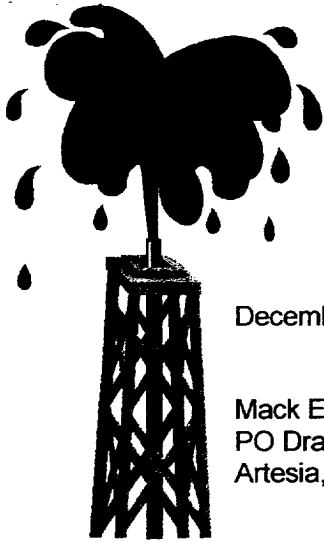
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS.DEPTH	TRUE VERT.DEPTH
Loco Hills Paddock	4440	4796		Queen	2182	
				San Andreas	2896	
				Glorietta	4354	

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Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370
505/746-6651

Artesia, NM 88211-1370
746-3518 fax 748-2205

December 19, 2000

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

RE: Electra Federal #1
2310' FNL & 2310' FWL
Sec. 15, T17S, R30E
Eddy County, New Mexico

Gentlemen:

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

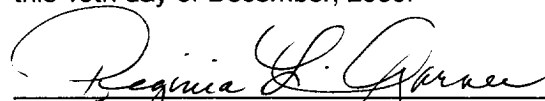
DEPTH	DEVIATION
410'	1°
878'	1 1/2°
1222'	1°
1783'	3/4°
2282'	3/4°
2657'	3/4°
3155'	1°
3685'	3/4°
4181'	1°
4666'	1 1/2°
4850'	3/4°

Very truly yours,

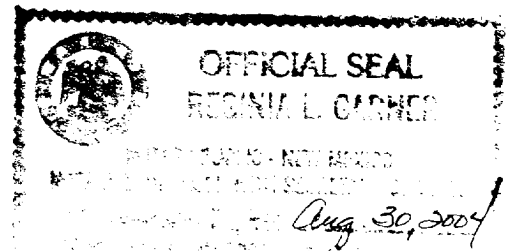

Eddie C. LaRue
Vice President

STATE OF NEW MEXICO }
COUNTY OF EDDY }

The foregoing was acknowledged before me
this 19th day of December, 2000.



Notary Public



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Serving Southeast New Mexico and West Texas Since 1974

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