

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
811 S. 1st Street
Artesia, NM 88210-2834
FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991
RELEASE DESIGNATION AND SERIAL NO.
LC-054280

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

2415 FSL & 844 FEL

At top prod. interval reported below

At total depth

2310 FSL & 330 FEL

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED
12/5/00

16. DATE T.D. REACHED
12/15/00

17. DATE COMPL. (Ready to prod.)
1/4/01

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3655 RKB

19. ELEV. CASING HEAD
3643

20. TOTAL DEPTH, MD & TVD
5141

21. PLUG, BACK T.D., MD & TVD
5096

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)*

4421-4919' Paddock

25. WAS DIRECTIONAL
SURVEY MADE
Yes

27. WAS WELL CORED
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

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 J-55	48	428	17 1/2	450 sx	None
8 5/8 J-55	24	1219	12 1/4	650 sx	None
5 1/2 J-55	17	5110	7 7/8	700 sx	None

29. LINER RECORD

30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4362	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4421-4919'	3000 gals 15% HCL acid
4421-4919'	32000 gals 20% Acid 54000 gals gel
4421-4919'	4500 gals 15% acid

4421-4919' 136 holes

33. PRODUCTION

DATE FIRST PRODUCTION
1/8/01

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)
Reda pump

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
1/9/01	24			102	114	555	1117
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			102	114	555	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 Casa D. Cat TITLE Production Analyst DATE 2/19/01

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Loco Hills Paddock	4409	4920		Queen	2154	
				San Andreas	2890	
				Glorietta	4356	

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