

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

151

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

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

At surface

2601 FSL & 639 FWL

At top prod. interval reported below

At total depth

2310 FSL & 330 FWL

5. LEASE DESIGNATION AND SERIAL NO.
LC-029342-H

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Brigham H #5

9. API WELL NO.

30-015-316620051

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 21 T17S R30E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED
5/3/01

16. DATE T.D. REACHED
5/17/01

17. DATE COMPL. (Ready to prod.)
5/31/01

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
3653 RKB

19. ELEV. CASING HEAD
3641

20. TOTAL DEPTH, MD & TVD
5098

21. PLUG, BACK T.D., MD & TVD
5076

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)*

4478-4958.5' 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	423	17 1/2	450 sx	None
8 5/8	24	1204	12 1/4	625 sx	None
5 1/2	17	5090	7 7/8	785 sx	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	4442	

31. PERFORATION RECORD (Interval, size and number)

4478-4958.5', .41, 128

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4478-4958.5'	2500 gals 15% NEFE acid
4478-4958.5'	32,000 gals 20% HCL acid
4478-4958.5'	54,000 gals 40# gel
4478-4958.5'	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION 6/2/01		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Reda pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6/2/01	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 150	GAS-MCF. 150	WATER-BBL. 450	GAS-OIL RATIO 1000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 150	GAS-MCF. 150	WATER - BBL. 450	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

Jerry W. Sheard

TITLE

Production Clerk

DAVID R. GLASS
PETROLEUM ENGINEER

DATE
6/27/01

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS.DEPTH	TRUE VERT.DEPTH
Loco Hills Paddock	4464	4946		Queen	2158	
				San Andreas	2896	
				Glorietta	4404	

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