

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
See other instructions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-054988-A

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.

Berry A Federal #12

9. API WELL NO.

30-015-30670

10. FIELD AND POOL, OR WILDCAT

Loco Hills Paddock

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

Sec 21 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 FNL 1790 FWL

At top prod. interval reported below

990 FNL 1790 FWL

At total depth

990 FNL 1790 FWL

14. PERMIT NO.

DATE ISSUED

15. DATE SPURRED
12/14/99

16. DATE T.D. REACHED
12/28/99

17. DATE COMPL. (Ready to prod.)
1/8/00

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)
3658 RKB

19. ELEV. CASING HEAD
3656

20. TOTAL DEPTH, MD & TVD
4840

21. PLUG, BACK T.D., MD & TVD
4801

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)*

4346-4755.5 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	54.5	450	17 1/2	450 sx	None
8 5/8	24	1041	12 1/4	475 sx	None
5 1/2	17	4814	7 7/8	915 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	4278	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4346-4755.5, 1/2, 96

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4346-4755.5	32,000 gals 20% HCL acid
4346-4755.5	54,000 gals 40# gel
4346-4755.5	5000 gals cold 15% acid
4346-4755.5	2000 gals 15% HCL acid

33. PRODUCTION

DATE FIRST PRODUCTION 1/18/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) submersible				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 1/28/00	HOURS TESTED 24	CHOKE SIZE None	PROD'N FOR TEST PERIOD →	OIL-BBL. 111	GAS-MCF. 121	WATER-BBL. 485	GAS-OIL RATIO 1090
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 111	GAS-MCF.	WATER-BBL.	OIL GRAVITY - API (CORR.) 38	

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

Sold

35. LIST OF ATTACHMENTS

(ORIG. SGD.) GARY GOURLEY JAN 8 1 2000

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

SIGNED [Signature] TITLE Production Analyst DATE 1/28/00

*(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.	NAME	TOP	
					MEAS.DEPH	TRUE VERT.DEPH
Loco Hills Paddock	4335	4748		Queen	2110	
				San Andres	2830	
				Glorietta	4265	

38. GEOLOGIC MARKERS

RECEIVED
2000 JUN 28 P 5:07
ROCKWELL SERVICE