

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1625 N. French Dr.
Hobbs, NM 88240
SUBMIT IN DUPLICATE
(Indicate in-
formation on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
LC-029405A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

990 FNL & 990 FWL

At top prod. interval reported below

At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

BC Federal #8

9. API WELL NO.

30-025-36194

10. FIELD AND POOL, OR WILDCAT

Maljamar Paddock

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

Sec. 20 T17S R32E, D

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUDDED

5/11/2003

16. DATE T.D. REACHED

5/29/2003

17. DATE COMPL. (Ready to prod.)

6/18/2003

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

3979' RKB

19. ELEV. CASING HEAD

3966'

20. TOTAL DEPTH, MD & TVD

6598'

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

5781'

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)*

5321.5-5508.5' Maljamar 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 H-40	48	732'	17 1/2	625 sx	None
9 5/8 C-95	53.5	2100'	12 1/4	750 sx	None
5 1/2 J-55	17	5792'	7 7/8	1280 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	5521'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC
5321.5-5335.5'	600 gals 15% acid
5412-5508.5'	3000 gals 15% HCL
5412-5508.5'	32000 gals 20% HCL, 54000 gals 40# gel
5412-5508.5'	5000 gals 15% acid

32. PETROLEUM ENGINEERING PRODUCTION

33. DATE FIRST PRODUCTION **7/5/2003** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2x2x16' 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
7/27/2003	24 hours			17	20	270	1176
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY - API (CORR.)	
			17	20	270		33

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

Sold

35. LIST OF ATTACHMENTS

Deviation Survey, Logs

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

SIGNED

Gary Gourley

TITLE

Production Analyst

DATE

9/8/2003

*(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
Maljamar Paddock	5321.5	5508.5		Yates	2012	
				Seven Rivers	2378	
				Queen	2984	
				San Andres	3778	
				Glorietta	5226	

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BUREAU OF LAND MANAGEMENT