

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1625 N. ... Dr.  
Hobbs, NM 88240

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

LEASE DESIGNATION AND SERIAL NO.  
LC-029509A

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 Recompletion

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

1780 FNL & 460 FWL

At top prod. interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

MC Federal #7

9. API WELL NO.

30-025-20647

10. FIELD AND POOL, OR WILDCAT

Maljamar Paddock

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

Sec. 22-T17S-R32E, E

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

15. DATE SPUNDED  
10/25/64

16. DATE T.D. REACHED  
11/24/64

17. DATE COMPL. (Ready to prod.)  
5/23/02

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)  
4017' RKB

19. ELEV. CASING HEAD  
3999'

20. TOTAL DEPTH, MD & TVD  
9955'

21. PLUG, BACK T.D., MD & TVD  
5640'

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)\*

5448-5610', Maljamar Paddock

26. TYPE ELECTRIC AND OTHER LOGS RUN

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
11 3/4	42	821'	15	485 sx	
8 5/8	24.32	4600'	11	1485 sx	
5 1/2	15.5	9955'	7 7/8	1376 sx	

29. LINER RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5613'	

31. PERFORATION RECORD (Interval, size and number)

5448-5610', .43, 40

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5549-5610'	1250 gals 15% NEFE
5448-5514'	1500 gals 15% acid
5448-5610'	32000 gals 20% HCL, 54000 gals 40# gel
5448-5610'	5000 gals 15% acid

33. PRODUCTION

DATE FIRST PRODUCTION 6/4/02		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 6/8/02	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL. 80	GAS-MCF. 101	WATER-BBL. 250	GAS-OIL RATIO 1263
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL. 80	GAS-MCF. 101	WATER-BBL.	OIL GRAVITY, API (CORR.)	

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

TITLE

Production Analyst

GARY GOURLEY

PETROLEUM ENGINEER 7/1/02

\*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS DEPTH	TRUE VERT DEPTH
Maljamar Paddock	5446	5610		Yates	2020	
				Seven Rivers	2475	
				Queen	3066	
				San Andres	3823	
				Glorietta	5335	

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

811 South First, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural ResourcesOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505Form C-102  
Revised March 17, 1999Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-20647		<sup>2</sup> Pool Code 44500		<sup>3</sup> Pool Name Maljamar Paddock	
<sup>4</sup> Property Code 002992		<sup>5</sup> Property Name MC Federal			<sup>6</sup> Well Number 7
<sup>7</sup> OGRID No. 013837		<sup>8</sup> Operator Name Mack Energy Corporation			<sup>9</sup> Elevation 3999' GR

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	22	17S	32E		1780	North	460	West	Lea

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL A.L INTERESTS HAVE BEEN CONSOLIDATED OR A  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature <i>Crissa D. Carter</i> Printed Name Crissa D. Carter	
	Title Production Analyst	
	Date 7/10/2002	
<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.		Date of Survey Signature and Seal of Professional Surveyor
		Certificate Number