

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE\*  
(See other instruction on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

**NMNM-03428**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

b. TYPE OF COMPLETION:

NEW WELL ☐

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

Other DHC-3440 effective 5/5/2005

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

**1650 FSL & 370 FWL**

At top prod. interval reported below

At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**Panther Federal #1**

9. API WELL NO.

**30-025-36307**

10. FIELD AND POOL OR WILDCAT

**Maiana GB/SA-Delaware**

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

**Sec. 31 T17S R32E**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**NM**

15. DATE SPURRED  
**7/10/2003**

16. DATE T.D. REACHED  
**7/31/2003**

17. DATE COMPL. (Ready to prod.)  
**5/5/2005**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**3858' RKB**

19. ELEV. CASING HEAD  
**3846'**

20. TOTAL DEPTH, MD & TVD  
**6010**

21. PLUG, BACK T.D., MD & TVD  
**4922**

22. IF MULTIPLE COMPL., HOW MANY\*  
**2**

23. INTERVALS DRILLED BY  
**ROTARY TOOLS**

**Yes**

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

**4343-4694', Delaware 4174-4275', GB SA**

25. WAS DIRECTIONAL SURVEY MADE

**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**N/A**

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	813	17.5	700 sx	None
9 5/8" N-80	54	2200	12.25	750 sx	None
5 1/2" J-55	17	4933	7.875	1255 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	4709	

31. PERFORATION RECORD (Interval, size and number)

**JUL - 9 2005**

**4343-4694', Delaware  
4174-4275', GB SA**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4174-4275'	1500 gals 15% NEFE
4174-4275'	8,036# Liteprop, 33,138 gals 9.5# brine
4174-4275'	90,540# 16/30 sand, 57,745 gals 40# gel

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
5/5/2005		2 1/2 x 2 x 20' pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
5/22/2005	24 hours			50	87	150	1740
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
			50	87	150		

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. Shewell*

TITLE

**Production Clerk**

DATE

**7/1/2005**

\*(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
GB/SA-Delaware	4174	4694		Yates	2290	
				Seven Rivers	2720	
				Queen	3371	
				Grayburg	3769	
				Delaware	4343	