

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
struction on  
reverse side)FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991LEASE DESIGNATION AND SERIAL NO.  
**NMMN-117550**

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 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

**330 FSL & 330 FWL**

At top prod. interval reported below

**371 FSL & 715 FWL**

At total depth

**625 FSL & 375 FEL**

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME, WELL NO.

**North Pole Federal #1**

## 9. API WELL NO.

**30-015-36079**

## 10. FIELD AND POOL, OR WILDCAT

**Crow Flats; Wolfcamp**

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

**Sec. 15 T16S R28E**

## 12. COUNTY OR PARISH

**Eddy**

## 13. STATE

**NM**

## 15. DATE SPUDDED

**4/24/2008**

## 16. DATE T.D. REACHED

**5/26/2008**

## 17. DATE COMPL. (Ready to prod.)

**6/24/2008**

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

**3,601.5' RKB**

## 19. ELEV. CASING HEAD

**3,584'**

## 20. TOTAL DEPTH, MD &amp; TVD

**10,845'**

## 21. PLUG, BACK T.D., MD &amp; TVD

**10,845'**

## 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)\*

## 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, GEMENTING RECORD	AMOUNT PULLED
13 3/8, H-40	48	361'	17 1/2	370 sx	None
9 5/8, J-55	36	1,844'	12 1/4	520 sx	None
7, HCP-110	29	6,744'	8 3/4	900 sx	None
4 1/2, Buttress	11.6	9,517	6 1/8		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	4,600'	4,600'

## 30. TUBING RECORD

## 31. PERFORATION RECORD (Interval, size and number)

**Srata Port @ 6,926'**  
**Srata Port @ 7,528'**  
**Srata Port @ 8,774'**  
**Srata Port @ 9,260'**  
**Open Hole @ 9,517-10,845'**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	<b>See 3160-5 for details</b>

## 33.

## PRODUCTION

## DATE FIRST PRODUCTION

**6/28/2008**

## PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of 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
<b>7/7/2008</b>	<b>24</b>			<b>265</b>	<b>301</b>	<b>132</b>	<b>1,135</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY - API (GORR)	
			<b>265</b>	<b>301</b>	<b>132</b>		

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

**Sold**

## 35. LIST OF ATTACHMENTS

**Deviation Survey and Logs**

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

SIGNED

TITLE

**Production Clerk****JUL 26 2008****7/14/08**  
**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

\*(See Instructions and spaces for Additional Data on Reverse Side)

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
Crow Flats; Wolfcamp				Wolfcamp	6508	6658

BUREAU OF LAND MGMT  
CAP. DIV. OFFICE

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