

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

LEASE DESIGNATION AND SERIAL NO.
NMNM-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 _____

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

Mack Energy Corporation

8. FARM OR LEASE NAME, WELL NO.

North Pole Federal #1

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960

(505) 748-1288

9. API WELL NO.

30-015-36079

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

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. PERMIT NO.

DATE ISSUED

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 & TVD

10,845'

21. PLUG, BACK T.D., MD & 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'
Strata Port @ 7,528'
Strata Port @ 8,774'
Strata 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
	See 3160-5 for details

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 7/7/2008	HOURS TESTED 24	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. 265	GAS-MCF. 301	WATER-BBL. 132	GAS-OIL RATIO 1,135
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. 265	GAS-MCF. 301	WATER-BBL. 132	OIL GRAVITY, API (CORR.)	

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 data.

SIGNED

TITLE

Production Clerk

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

*(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
Crow Flats; Wolfcamp				Wolfcamp	6508	6658

BUREAU OF LAND MGMT
CARLSBAD OFFICE

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