

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, 1991

5. LEASE DESIGNATION AND SERIAL NO.  
**NM-98171**

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

**Bears Federal #1**

9. API WELL NO.

**30-015-35409**

10. FIELD AND POOL, OR WILDCAT

**Wildcat Abo**

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

**Sec. 6 T16S R29E**

12. COUNTY OR  
PARISH  
**Eddy**

13. STATE  
**NM**

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

**2971 FSL & 330 FEL**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR  
PARISH  
**Eddy**

13. STATE  
**NM**

15. DATE SPUDDED  
**2/24/07**

16. DATE T.D. REACHED  
**3/22/07**

17. DATE COMPL. (Ready to prod.)  
**4/20/07**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**3728' RKB**

19. ELEV. CASING HEAD  
**3711' GR**

20. TOTAL DEPTH, MD & TVD  
**8000**

21. PLUG, BACK T.D., MD & TVD  
**7946**

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)\*

**6938.5-7031', Abo**

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	175	17 1/2	703sx	None
8 5/8, J-55	24	1437	12 1/4	700sx	None
5 1/2, L-80	17	7960	7 7/8	325sx	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	7055	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

**6938.5-7031', .41, 40**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6938.5-7031', Abo	2500 gals 15% NE
6938.5-7031', Abo	41.990 gals 40# gel, 1000# 100 mesh
6938.5-7031', Abo	30,000# 20/40 sand, 9000# 16/30 sand

33. PRODUCTION

DATE FIRST PRODUCTION <b>5/2/07</b>		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) <b>Flowing</b>				WELL STATUS (Producing or shut-in) <b>Producing</b>	
DATE OF TEST <b>7/1/07</b>	HOURS TESTED <b>24 hours</b>	CHOKE SIZE	PROD'N FOR TEST PERIOD →	OIL-BBL. <b>28</b>	GAS-MCF. <b>53</b>	WATER-BBL. <b>5</b>	GAS-OIL RATIO <b>1893</b>
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL-BBL. <b>28</b>	GAS-MCF <b>53</b>	WATER - BBL. <b>5</b>	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 records

SIGNED

*Jimmy W. Sherrill*

TITLE

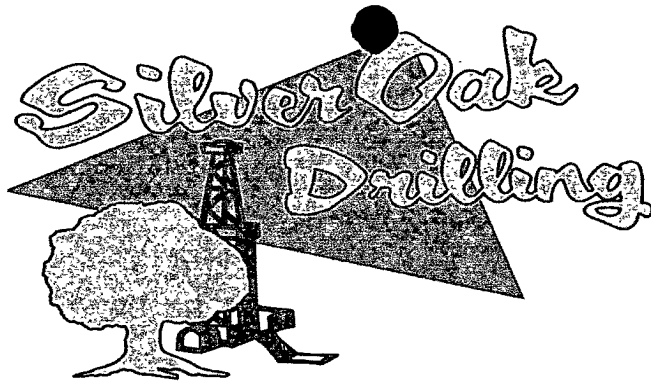
**Production Clerk**

DATE

**7/3/07**

\*(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.



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

March 28, 2007

Mack Energy Corporation  
PO Box 960  
Artesia, NM 88211-0960

RE: Bears Federal #1  
2971' FSL & 330' FEL  
Sec. 6, T16S, R29E  
Eddy County, New Mexico

MAR 10 2007  
OCD-ARTESIA

Dear Sir,

The following is the Deviation Survey for the above captioned well.

DEPTH	DEVIATION	DEPTH	DEVIATION
173'	1/2°	5476'	1/4°
511'	3/45°	5788'	3/4°
696'	1 1/2°	6223'	1 1/2°
833'	1 1/4°	6381'	2 3/4°
1161'	1/2°	6567'	3°
1736'	3/4°	6661'	2 3/4°
2114'	1/2°	6755'	2 1/2°
2425'	3/4°	6817'	2 1/2°
2704'	1°	6909'	3°
3016'	1 1/2°	6973'	2°
3172'	1°	7035'	2°
3452'	3/4°	7096'	2°
3604'	3/4°	7191'	misfire°
3886'	1/4°	7222'	1°
4198'	1°	7378'	3/4°
4416'	1/4°	7500'	1/2°
4635'	1°	7656'	1/2°
4915'	1 1/4°	7812'	1/2°
5193'	3/4°		

Very truly yours,

Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 28<sup>th</sup> day of March, 2007.

Notary Public

