

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

C19F

5. LEASE DESIGNATION AND SERIAL NO.

NMLC029342E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

THUNDER ROAD FEDERAL #5

9. API WELL NO.

30-015-32384 S1

10. FIELD AND POOL, OR WILDCAT

LOCO HILLS-PADDOCK

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

20-175-30E

12. COUNTY OR PARISH 13. STATE

EDDY NM

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 19. ELEV. CASINGHEAD

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.)

9/15/02 9/27/02 11/14/02

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL.,  
HOW MANY\*

4920' 4910'

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

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4920'

25. WAS DIRECTIONAL  
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN  
4338' - 4698' PADDOCK  
DLL, CSNG

27. WAS WELL CORED  
NO

NO

CASING SIZE/GRADE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J55	24#	373'	12 1/4"	300 SX, CIRC 88 SX	NONE	
5 1/2" MAV	17#	4919'	7 7/8"	1275 SX, CIRC 233 SX	NONE	
65						

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4315'	

31. PERFORATION RECORD (Interval, size and number) 32. DEPTH INTERVAL (MD)

4338' - 4698' (20 SHOTS) 4338' - 4698'

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

AMOUNT AND KIND OF MATERIAL USED

ACDZ W/ 2000 GAL 15% HCL

33. \* DATE FIRST PRODUCTION 11/17/02

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) PUMPING

DATE OF TEST 11/18/02 HOURS TESTED 24

CHOKE SIZE PROD'N FOR TEST PERIOD

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE

OIL---BBL. 211 GAS---MCF. 285 WATER---BBL. 463

WELL STATUS (Producing or shut-in) PROD

GAS-OIL RATIO

OIL GRAVITY-API (CORR.)

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

SOLD

TEST WITNESSED BY

LENDELL HAWKINS

35. LIST OF ATTACHMENTS

LOGS, DEVIATION SURVEY

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

SIGNED

TITLE PRODUCTION ANALYST

DATE 12/6/02

\*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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38. GEOLOGICAL MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
YATES	1178'		
QUEEN	2084'		
SAN ANDRES	2826'		
GLORIETA	4236'		

38. GEOLOGICAL MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
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# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS  
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370  
(505) 746-4405 746-3518 748-2205

October 2, 2002

Marbob Energy Corporation  
PO Drawer 227  
Artesia, NM 88211-0227

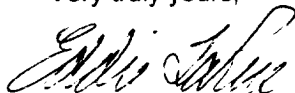
RE: Thunder Road Federal #5  
2310' FNL & 1750' FEL  
Sec. 20, T17S, R30E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
379'	1 1/2°	2986'	1 1/4°
701'	1°	3454'	1 3/4°
1146'	1 1/4°	3924'	2°
1641'	1°	4419'	2°
2130'	1 3/4°	4920'	2°
2504'	1 1/2°		

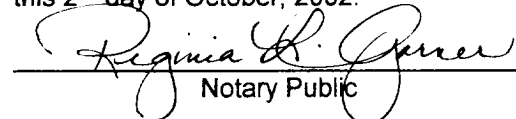
Very truly yours,



Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 2<sup>nd</sup> day of October, 2002.

  
Notary Public

