

N.M. Oil Cons. DIV-Dist. 2
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NMLC031844

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

JUNCTION FEDERAL COM #1
9. API WELL NO.

30-015-33533 S1

10. FIELD AND POOL, OR WILDCAT

CEDAR LAKE; MORROW, NORTH

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

SEC. 19-T17S-R31E

12. COUNTY OR PARISH 13. STATE

EDDY

NM

19. ELEV. CASINGHEAD

1a. TYPE OF WELL:

OIL
WELLGAS
WELL ☒DRY ☐Other ☐

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐Other ☐

2. NAME OF OPERATOR

MARBOB ENERGY CORPORATION

3. ADDRESS AND TELEPHONE NO.

PO BOX 227, ARTESIA, NM 88211-0227 (505) 748-3303

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980 FSL 1930 FWL, UNIT K

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

OCT 21 2004

OCCUPANCY

15. DATE SPUDDED

8/17/04

16. DATE T.D. REACHED

9/23/04

17. DATE COMPL. (Ready to prod.)

10/15/04

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

3609' GL

20. TOTAL DEPTH, MD & TVD

11420'

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

11347'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

0 - 11420'

CABLE TOOLS

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

11196' - 11235' MORROW

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, CSNG

25. WAS DIRECTIONAL
SURVEY MADE

NO

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
16" J55	65#	345'	20"	300 SX, CIRC	NONE
11 3/4" J55	42#	1398'	14 3/4"	1100 SX CIRC	NONE
8 5/8" J55	32#	3985'	11"	850 SX, CIRC	NONE
5 1/2" P110	17#	11420'	7 7/8"	1210 SX, CIRC, TOC @ 2500'	NONE

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	11124'	

31. PERFORATION RECORD (Interval, size and number)

11196' - 11235' (133 SHOTS)

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

OCT 20 2004
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

33. *

PRODUCTION

DATE FIRST PRODUCTION

SI WOPL

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

SHUT-IN WAITING ON PIPELINE

WELL STATUS (Producing or
shut-in)

SHUT-IN

DATE OF TEST

10/15/04

HOURS TESTED

2

CHOKE SIZE

PROD'N FOR
TEST PERIOD

OIL—BBL.

8

GAS—MCF.

3100

WATER—BBL.

2

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

SHUT-IN WAITING ON PIPELINE

TEST WITNESSED BY

OWEN PUCKETT

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 10/18/04

*(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.

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
RUSTLER	320'				
YATES	1385'				
QUEEN	2309'				
SAN ANDRES	3085'				
GLORIETA	4620'				
ABO	6525'				
WOLFCAMP	8276'				
STRAWN	10319'				
ATOKA	10638'				
MORROW	11107'				

Patriot Drilling, LLC
Midland, Texas

OPERATOR: Marbob Energy
WELL/LEASE: Junction Fed Com. #1
COUNTY: Eddy County, NM

STATE OF NEW MEXICO
DEVIATION REPORT

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
329	1 3/4	8478	1/4
626	1/4	8954	1/2
940	1	9429	1/4
1133	1 1/4	9905	2
1630	3/4	10147	2
1963	1	10640	1 1/2
2250	1	11075	2
2721	1	11420	1 3/4
3107	1 1/4		
3392	1/2		
3692	1		
3965	1		
4455	1 1/4		
4932	2		
5091	1		
5535	0		
6012	2 3/4		
6107	3		
6465	2 3/4		
6777	1 1/4		
7000	1 1/4		
7318	1 1/4		
7508	1		
7700	0		
8069	3/4		

By: M. Leroy Peterson
M. Leroy Peterson

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 27th day of September 2004 by M. Leroy Peterson on behalf of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005

Dora H. Duarte
Notary Public for Midland County, Texas

