

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Artesia, NM 88210
(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NMNM108025

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

DRY LAND SWD #1

9. API WELL NO.

30-015-33458

10. FIELD AND POOL, OR WILDCAT

SWD; PERMO PENN

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

SEC. 3-T21S-R25E

12. COUNTY OR PARISH 13. STATE

EDDY

NM

19. ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ☐ SWD ☒

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

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

At surface 2852 FSL 377 FEL, LOT 16

At top prod. interval reported below SAME

At total depth SAME

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

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

7/16/04

8/12/04

8/24/04

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

3272' GL

20. TOTAL DEPTH, MD & TVD

8875'

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

8796'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - 8875'

CABLE TOOLS

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

8400' - 8620' PERMO PENN

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, CSNG

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" J55	54.4#	324'	17 1/2"	400 SX, CIRC	NONE
8 5/8" J55	24#	1454'	12 1/4"	775 SX, CIRC	NONE
5 1/2" J55	17#	8875'	7 7/8"	1100 SX, CIRC	NONE

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8347'	

31. PERFORATION RECORD (Interval, size and number)

8400' - 8620' (221 SHOTS)

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

DEPTH INTERVAL (MD)

8400'-8620'

AMOUNT AND KIND OF MATERIAL USED

ACDZ W/ 20000 GAL 20% HCL ACID

33. * PRODUCTION

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

WELL STATUS (Producing or shut-in)

SWD

DATE OF TEST HOURS TESTED CHOKER SIZE

PROD'N FOR TEST PERIOD OIL--BBL. GAS--MCF.

WATER--BBL. 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.)

TEST WITNESSED BY

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

8/26/04

*(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.
			ORIGINAL BHP IS 2831 PSIG PER ATTACHED BHP TEST REPORT TAKEN ON NEARBY PRODUCING WELL, THE DRY LAND SHINER FEDERAL #1. SEE ATTACHED CHART FOR MIT INFORMATION.

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
SAN ANDRES	990'				
DELAWARE	1762'				
BONE SPRING	2822'				
WOLFCAMP	7600'				
CISCO-CANYON	8184'				

OPERATOR: Marbob Energy
WELL/LEASE: Dryland SWD Fed #1
COUNTY: Eddy County, NM

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>
326	1/2
912	1/4
1231	1/2
1724	1/4
2042	3/4
2454	1/4
2931	1/2
3407	3/4
3882	2
4082	1 3/4
4354	1 1/2
4622	1/2
5211	1 1/4
5606	1
5957	1/2
6365	1
6638	2
6828	1 1/2
7276	1
7657	1/2
8037	1 1/4
8537	1 1/2
8831	1

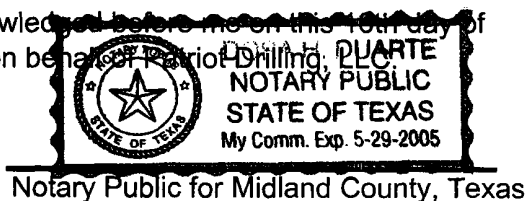
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SEP 01 2004
ODD-ARTESIA

By: M. Leroy Peterson
M. Leroy Peterson

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of August 2004 by M. Leroy Peterson on behalf of Patriot Drilling, LLC

My Commission Expires: 5/29/2005



Jarrel Services Inc.
P.O. Box 1230
Hobbs, New Mexico 88240

Tel: (505)393-1736 Fax: (505)393-1737

B.H.P. TEST REPORT

Company : Marbob Energy

Test date	: 08-09-2004	Packr set at	: 8022
Lease	: Dryland Shiner #1	Perforations	: 8078-8088
Field	:	DW Tbg press	: 2073
County	: Eddy	Well status	: Shut in
State	: New Mexico	Instrument #	: 36826
Formation	: Upper Penn	Tested by	: Dye
Total depth @	: 0	Gauge set at	: 8000
Tubing size	: 2 3/8	B.H. Temp. F	: 142

Test type:

Flowing Pressure Gradient	- No
Bottom Hole Pressure Build-up Test	- No
Bottom Hole Pressure Draw-Down Test	- No
Shut-in Pressure Gradient	- Yes

Data File : DRYLAND1.BHP

Shut-in Pressure Gradient

Company : Marbob Energy

Test date : 08-09-2004

Data File : DRYLAND1.BHP

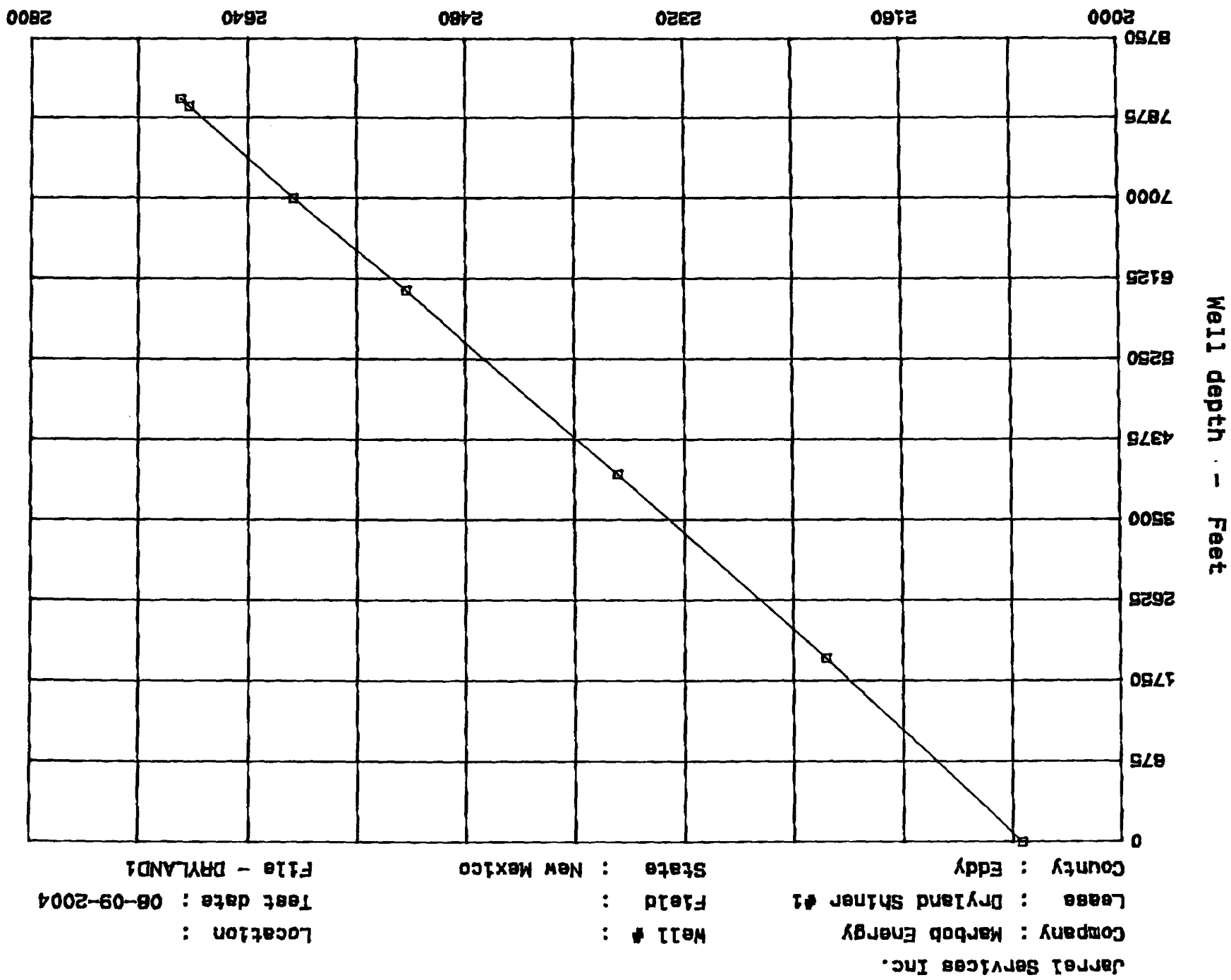
Remarks: BHP extrapolated to mid perf @ 8083'

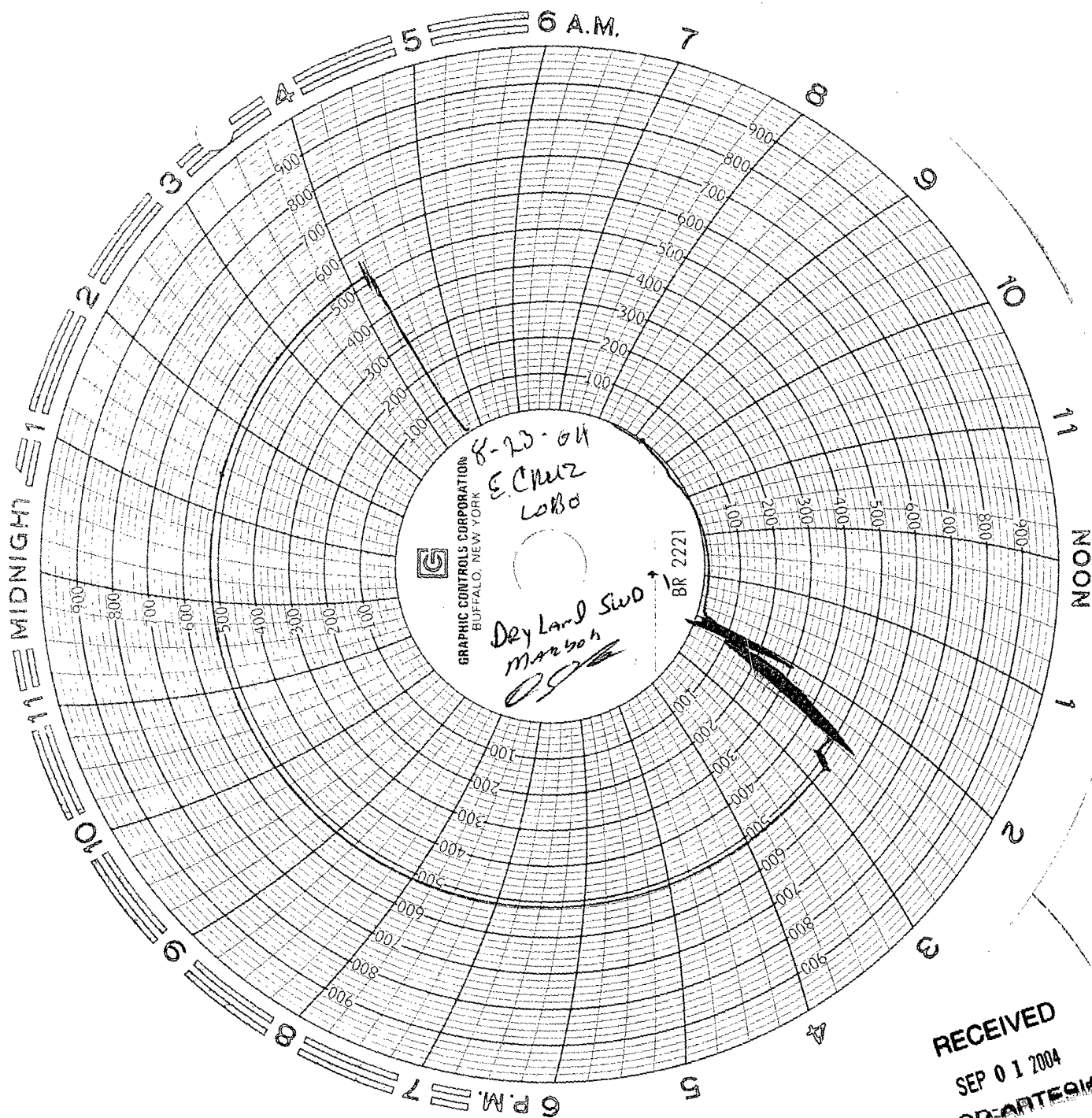
Depth (feet)	Pressure (psig)	Delta Pressure (psig)	Pressure Gradient (psig/ft)
Surface	2,073.00		
2,000	2,216.00	143.00	0.0715
4,000	2,369.00	153.00	0.0765
6,000	2,524.00	155.00	0.0775
7,000	2,607.00	83.00	0.0830
8,000	2,683.00	76.00	0.0760
8,083	2,689.31	6.31	0.0760

$$\frac{2689.31 \text{ psig}}{8083'} = .3327 \text{ psi/Ft.}$$

Dry Land SWD perfs 8400-8620', midpoint perfs is 8510'.
 Therefore original BHP Dry Land SWD = $(8510)(.3327) = \underline{\underline{2831 \text{ psig}}}$

Shut-in Pressure Gradient





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