

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

N.M.O.C.D. COPY IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS 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 OF OPERATOR
P.O. Box 304, Artesia, N.M. 88210
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
At surface 330 FSL and 1650 FWL
At top prod. interval reported below Same
At total depth Same

SEP 22 1980

O. C. D.
ARTESIA, OFFICE

RECEIVED

SEP 10 1980

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

5. LEASE DESIGNATION AND SERIAL NO.

LC-046044

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Perry Leonard ~~Ind~~

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Loco Hills (G. SA)

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

Sec. 33-T17S-R29E

12. COUNTY OR PARISH
Eddy13. STATE
N.M.

15. DATE SPUDDED 2/21/80 16. DATE T.D. REACHED 3/1/80 17. DATE COMPL. (Ready to prod.) 8/29/80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3544' GR 19. ELEV. CASINGHEAD 3544' GR

20. TOTAL DEPTH, MD & TVD 3612' 21. PLUG, BACK T.D., MD & TVD 3560' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → X 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 neutron27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	20#	299.35'	12 1/4"	250 sax	
4 1/2"	10.50#	3612'	7 7/8"	575 sax	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2628'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

2598-2608', 2 holes per ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2598-2608'	500 bbl. gelled water
	20,000# 20/40 sand
	10,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/6/80		Pump - 1½"				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/5/80	24		→	31	15	7	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20#	20#	→	31	15	7		

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

Sold

TEST WITNESSED BY

John R. Gray

35. LIST OF ATTACHMENTS

Deviation survey, gamma ray neutron log

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

SIGNED

Carolyn Orvis

TITLE

Production Clerk

DATE 9/8/80

U.S. GEOLOGICAL SURVEY

ROSWELL, NEW MEXICO

*(See Instructions and Spaces for Additional Data on Reverse Side)

MARBOB ENERGY CORP.
PERRY LEONARD #4

Formation	Top	Bottom
Soil	0	5
Caliche	5	20
Red sand & gravel	20	65
Red shale	65	70
Lime	70	75
Anhydrite	75	155
White chalk lime	155	183
Red shale	183	195
Anhydrite	195	210
Red shale	210	215
Anhydrite	215	220
Red shale	220	260
Anhydrite	260	280
Mud	280	325
Red mud	325	335
Red shale	335	365
Salt	365	375
Salt, anhydrite	375	425
Salt	425	560
Anhydrite	560	570
Salt	570	650
Salt, potash	650	730
Slat	730	750
Anhydrite	750	900
White lime	900	910
Anhydrite	910	1065
Anhydrite, shale	1065	1105
Anhydrite	1105	1250
Shale, anhydrite	1250	1280
Anhydrite	1280	1910
Anhydrite, red shale	1910	2010
Anhy, red shale, sand	2010	2030
Dolo, anhy, red shale, red sand	2030	2050
Dolo, anhy, red shale, red & gray sand	2050	2140
Dolo, anhy, red & gray shale, " " sand	2140	2190
Dolo, anhy, gray shale, red & gray sand	2190	2200
Dolo, anhy, gray sand	2200	2210
Dolo, anhy, red shale	2210	2220
Dolo, any, red shale, red & gray sand	2220	2240
Dolo, any, red shale, gray sand	2240	2260
Dolo, anhy, red shale, red & gray sand	2260	2280
Dolo, any, red shale, gray sand	2280	2290
Dolo, anhy, red shale, red & gray sand	2290	2430
Dolo, anhy, red shale, gray sand	2430	2450
Dolomite	2450	2540
Dolo, red shale	2540	2550
Dolo, anhy.	2550	2560
Dolomite	2560	2720
Dolo, anhy, red shale	2720	2740
Dolomite	2740	2760
Dolo, anhy, red shale	2760	2790
Dolo, anhy.	2790	2800
Dolo, anhy, red shale, red sand	2800	2840
Dolo, anhy, red shale	2840	2850
Dolo, anhy, gray shale	2850	2880
Dolo, anhy, red shale, red sand	2880	2900
Dolomite	2900	2920
Dolomite, anhydrite	2920	2950
Dolo, anhy, red shale	2950	2980
Dolo, anhy.	2980	3030
Dolo, anhy, red shale	3030	3040
Dolo, anhy.	3040	3080
Dolomite	3080	3550
Dolo, anhy.	3550	3612
TD	3612	
PBTD	3560	