

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT 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 _____		5. LEASE DESIGNATION AND SERIAL NO. LC 046044	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Marbob Energy Corp.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 304, Artesia, N.M. 88210		8. FARM OR LEASE NAME Perry Leonard	
4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations) At surface 330 FSL & 330 FWL At top prod. interval reported below At total depth		9. WELL NO. 3	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Loco Hills G SA	
DATE ISSUED MAR 25 1980 O. C. D.		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33-T17S-R29E	
15. DATE SPUDDED 1/24/80		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 2/1/80		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 2/29/80		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3552 GR	
19. ELEV. CASINGHEAD 3552 GR		20. TOTAL DEPTH, MD & TVD 3576'	
21. PLUG, BACK T.D., MD & TVD 3560		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2444 - 2596 2753 - 2782 Premier & Grayburg	
25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma ray neutron	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8 5/8"		20#	
5 1/2"		15.50#	
Depth Set (MD)		Hole Size	
309.86'		11"	
3564'		7 7/8"	
Cementing Record		Amount Pulled	
125 sax Cl C 2% CC		1% CFR-2,	
300 sax Cl H, 5/10 of		per sack	
5# salt, 10# sand			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*			
SCREEN (MD)			
2 3/8"		2750'	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2444-2450 12		DEPTH INTERVAL (MD)	
2466-2472 12		AMOUNT AND KIND OF MATERIAL USED	
2586-2596 20		2444-2596 80,000 gal. gelled water	
2753-2759 12		2753-2582 47,000# 20/40 sand	
2776-2759 12		15,000# 10/20 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 3/2/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump 1 1/2"	
WELL STATUS (Producing or shut-in) Prod.			
DATE OF TEST 3/3/80		HOURS TESTED 24	
CHOKE SIZE		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 40		GAS—MCF. to pipeline	
WATER—BBL. 50		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE →		OIL—BBL. 40	
GAS—MCF. to pipeline		WATER—BBL. 50	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY John R. Gray	
35. LIST OF ATTACHMENTS 1- GRN log, 2 copies deviation survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Carolyn Orma</u>		TITLE <u>Secretary</u>	
DATE <u>3/20/80</u>			

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

Formation	Top	Bottom
Caliche	0	20
Red sand & gravel	20	60
Red shale	60	65
Lime	65	70
Anhydrite	70	155
White chalk lime	155	180
Red shale	180	200
Anhydrite	200	205
Red shale	205	210
Anhydrite	210	220
Red shale	220	265
Anhydrite	265	280
Mud	280	325
Red mud	325	350
Red shale	350	360
Salt	360	370
Salt & anhydrite	370	425
Salt	425	565
Anhydrite	565	575
Salt	575	650
Salt & potash	650	715
Salt	715	730
Anhydrite	730	900
White lime	900	910
Anhydrite	910	1050
Anhydrite, shale	1050	1100
Anhydrite	1100	1225
Shale, anhydrite	1225	1275
Anhydrite	1275	1970
Red sand	1970	1990
Anhydrite	1990	2350
Lime	2350	2425
White lime	2425	2465
Lime	2465	2550
Brown lime	2550	2570
Lime	2570	2620
White lime	2620	2630
Lime	2630	2660
White lime	2660	2670
Lime	2670	2725
White lime	2725	2730
Lime	2730	2740
White lime	2740	2750
Brown lime	2750	2755
White lime	2755	2775
Brown lime	2775	2780
White lime	2780	2825
San Andres lime	2825	3576
TD	3576	

RECEIVED

MAR 25 1980

O. C. D.
ARTESIA, OFFICE

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O.C.D.
ARTESIA, OFFICE



p.o. drawer 1 / artesia, nm 88210
RECEIVED

MAR 25 1980

Marbob Energy Corp.
P.O. Box 304
Artesia, New Mexico 88210

O. C. D.
ARTESIA, OFFICE

Re: Perry Leonard #3
Sec 33 Twn17S Rge29E
330/S 330/W
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey of the above well:

330' - 1/4 degree
823' - 1/2 degree
1327' - 1/2 degree
1829' - 3/4 degree
2301' - 1 degree
2684' - 1 1/2 degree
3087' - 1 1/2 degree
3576' - 1 1/4 degree

Yours truly,

William N. Morgan
Alta-West Drlg., Inc.

STATE OF NEW MEXICO)
COUNTY OF EDDY)

The foregoing was acknowledged before me this _____ day
of _____, 1980, by William N. Morgan.

My Commission Expires:

Notary Public