

NMOCC COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

LC 045044

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Perry Leonard

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Loco Hills (Q. Chr. SA)

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

33-178-29X NWH

12. COUNTY OR

Eddy

13. STATE

N.M.

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

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

At surface 990 FSL & 2310 FWL - Section 33-T178-R29X

At top prod. interval reported below

At total depth

14. PERMIT NO.

APR 28 1978

15. DATE SPUDDED

3/9/78

16. DATE T.D. REACHED

3/10/78

17. DATE COMPL. (Ready to prod.)

4/78

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

O.E.B.
ARTESIA, OFFICE

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2827'

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

2810'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Reverse Unit

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

Loco Hills, Premier

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Micro-Seismogram & Compensated Acoustic Velocity

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	445'	10"	50 sx	
7"		2439'	8"	100 sx	
5 1/2"	15.5#	1800'	7"		
4 1/2"	10.5#	2804'	6 1/8"	270 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2", 4 1/2" full string					2 3/8"	2430'	Pumping

31. PERFORATION RECORD (Interval, size and number)

2464-2470'	5/16"	2 holes/ft.
2574-2594'	5/16"	1 hole/ft.
2750-2756'	5/16"	2 holes/ft.
2775-2781'	5/16"	2 holes/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2464-2470'	40,000# gel wtr, 40,000# sand
2574-2594'	40,000# gel wtr, 40,000# sand
2750-2756'	
2775-2781'	40,000# gel wtr, 40,000# sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
4/4/78		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/3/78	24	Pumping	→	20	TSTM	Frac	Unknown
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pumping	TSTM	→					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented - Phillips will hook on soon						Mack Chase	
35. LIST OF ATTACHMENTS							

Log

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

SIGNED

Carolyn Orris

TITLE

Secretary

DATE

4/13/78

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH

Formation	Top	Bottom	Description
Soil	0	2	
Caliche	2	20	
Red sand & gravel	20	60	
Red shale	60	65	
Lime	65	70	
Anhydrite	70	155	
White chalk lime	155	185	
Red shale	185	195	
Anhydrite	195	205	
Red shale	205	210	
Anhydrite	210	220	
Red shale	220	265	
Anhydrite	265	280	
Mud	280	325	
Red mud	325	340	
Red shale	340	365	
Salt	365	375	
Salt & Anhydrite	375	430	
Salt	430	565	
Anhydrite	565	575	
Salt	575	660	
Salt & potash	660	725	
Salt	725	745	
Anhydrite	745	900	
White lime	900	910	
Anhydrite	910	1070	
Anhydrite & Shale	1070	1105	
Anhydrite	1105	1255	
Shale & anhydrite	1255	1285	
Anhydrite	1285	1985	
Red sand	1985	1995	
Anhydrite	1995	2375	
Lime	2375	2425	
White lime	2425	2431	
Lime	2431	2451	
White lime	2451	2470	
Lime	2470	2555	
Brown lime	2555	2570	
Lime	2570	2621	
White lime	2621	2630	
Lime	2630	2665	
White lime	2665	2673	
Lime	2673	2723	
White lime	2723	2732	
Lime	2732	2740	
White lime	2740	2750	
Brown lime	2750	2756	
White lime	2756	2775	
Brown lime	2775	2784	
White lime	2784	2827	
Total depth	2827		

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APR 17 1978
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ARTESIA, NEW MEXICO