

RECEIVED BY

DEC 05 1984

NEW OIL CONS. COMMISSION
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, OFFICE

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC 028731(A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

M Dodd "A"

9. WELL NO.

31

10. FIELD AND POOL, OR WILDCAT

Grayburg Jackson

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

Sec. 22-T17S-R29E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

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 Corp.

3. ADDRESS OF OPERATOR

P.O. Drawer 217, Artesia, N.M. 88210

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

At surface

1350 FNL 330 FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 10/21/84 16. DATE T.D. REACHED 10/28/84 17. DATE COMPL. (Ready to prod.) 11/13/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3585.6' GR 19. ELEV. CASINGHEAD 3585.6' GR

20. TOTAL DEPTH, MD & TVD 3484' 21. PLUG, BACK T.D., MD & TVD 3405' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-3484' ROTARY TOOLS CABLE TOOLS

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

San Andres 2572-3344'; Metex 2379-2495'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual spaced neutron

27. WAS WELL CORED

No

29. 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"	24#	337'	12 1/4"	250 sax	None
5 1/2"	15.50#	3484'	7 7/8"	1300 sax, circ. 175	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	3318'	

31. PERFORATION RECORD (Interval, size and number)

2379-3344' attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2379-2612'	1000 gal. 15% NE acid
2706-3344'	5238 bbl gel wtr. 130,000#
	20/40 sand; 130,000# 12/20 sand; 60,000# 8/16 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/13/84		Pumping - 2"				Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/14/84	24		→	32	50	48	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	32	50	48		

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

Sold

TEST WITNESSED BY

Arthur D. Harris

35. LIST OF ATTACHMENTS

Deviation survey, perforations, logs

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

SIGNED

Carolyn Turcella

TITLE

Production Clerk

DATE

11/28/84

*(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.

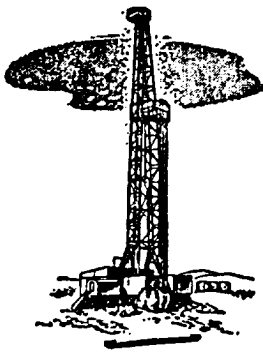
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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
	0	160	Sand, caliche, shale	San Andres Metex	2500' 2378'	
	160	360	Red bed			
	360	485	Salt			
	485	1050	Salt, anhydrite			
	1050	1800	Anhydrite			
	1800	1845	Red sand			
	1845	2210	Anhydrite, lime			
	2210	3210	Lime			
	3210	3484	Dolomite			
	3484	3405	TD			
			PBTD			

Marbob Energy Corp.
M. Dodd "A" #31
Perforations

2379	3008
2381	3011
2385	3014
2388	3021
2390	3028
2392	3039
2409	3042
2417	3049
2419	3058
2446	3062
2458	3065
2476	3084
2495	3139
2572	3157
2587	3161
2602	3188
2605	3198
2606	3216
2610	3237
2612	3251
2706	3270
2732	3277
2737	3289
2748	3298
2777	3304
2784	3311
2786	3344
2791	
2797	
2800	
2820	
2835	
2843	
2859	
2866	
2884	
2895	
2921	
2938	
2943	
2955	
2979	
2984	



LaRue Drilling Co., Inc. — Oil Well Drilling Contractors

P. O. BOX ~~202~~ 470 ARTESIA, NEW MEXICO 88210

October 31, 1984

Marbob Energy Corporation
PO Box 304
Artesia, NM 88210

Re: M. Dodd A #31
1350' FNL & 330' FEL
Sec. 22, T17S, R29E
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
355'	1/4°
1024'	1/2°
1451'	1/2°
1961'	3/4°
2372'	3/4°
2917'	3/4°
3500'	1/2°

Very truly yours,

B. N. Muncy Jr.
Secretary

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 31st day of October, 1984.

NOTARY PUBLIC

