

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC-028731 (A)																															
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 Corporation				7. UNIT AGREEMENT NAME																															
3. ADDRESS OF OPERATOR P.O. Drawer 217, Artesia, New Mexico 88210				8. FARM OR LEASE NAME M. Dodd "A"																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 330 FSL 990 FEL At top prod. interval reported below Same At total depth Same				9. WELL NO. 40																															
RECEIVED BY JUN 26 1986 O. C. D. ARTESIA, OFFICE				10. FIELD AND POOL, OR WILDCAT Grbg Jackson SR Q G SA																															
				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22-T17S-R29E																															
14. PERMIT NO. 30-015-25517		DATE ISSUED ARTESIA, OFFICE		12. COUNTY OR PARISH Eddy																															
18. STATE N.M.		19. ELEV. CASINGHEAD 3568.6' GR																																	
15. DATE SPUDDED 4/18/86	16. DATE T.D. REACHED 4/26/86	17. DATE COMPL. (Ready to prod.) 5/22/86	18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 3568.6' GR		19. ELEV. CASINGHEAD 3568.6' GR																														
20. TOTAL DEPTH, MD & TVD 4680'	21. PLUG, BACK T.D., MD & TVD 4400'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-4680'	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2683-3353' San Andres																															
25. TYPE ELECTRIC AND OTHER LOGS RUN Dual spaced neutron				26. WAS DIRECTIONAL SURVEY MADE Yes																															
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>8 5/8"</td> <td>24#</td> <td>354'</td> <td>12 1/4"</td> <td>350 sax</td> <td>None</td> </tr> <tr> <td>5 1/2"</td> <td>17#</td> <td>4460'</td> <td>7 7/8"</td> <td>1950 sax</td> <td>None</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8 5/8"	24#	354'	12 1/4"	350 sax	None	5 1/2"	17#	4460'	7 7/8"	1950 sax	None												
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29. LINER RECORD																																			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																															
30. TUBING RECORD																																			
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																	
2 7/8"	3375'																																		
31. PERFORATION RECORD (Interval, size and number) 2683-3353' attached																																			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																			
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED																																
2683-3353'			4000 gal 15% NE acid; 3800 bbl gel wtr, 50,000# 20/40, 100,000# 12/20, 100,000# 8/16 sand																																
33. PRODUCTION																																			
DATE FIRST PRODUCTION 5/23/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2"			WELL STATUS (Producing or shut-in) Prod.																														
DATE OF TEST 5/24/86	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD 27	OIL—BBL. 27	GAS—MCF. 32																														
WATER—BBL. 53	GAS-OIL RATIO Post ID-2																																		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE 27	OIL—BBL. 27	GAS—MCF. 32	WATER—BBL. 53																														
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																																			
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 S. Lucella		TITLE Production Clerk		DATE 5/29/86																															

*(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 83, 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 83. Submit a separate report (page) on this form, adequately identified, 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
	0	25	Surface sand, caliche	San Andres	2235'
	25	335	Gyp, red rock		
	330	525	Salt		
	525	720	Salt, anhy		
	720	750	Salt		
	750	815	Red bed, anhy		
	815	850	Anhy		
	850	935	Shale		
	935	1030	Shale, anhy		
	1030	1660	Anhy		
	1660	1730	Anhy, lime		
	1730	1825	Anhy.		
	1825	1885	Sand		
	1885	1925	Anhy, shale		
	1925	2000	Anhy		
	2000	2190	Anhy, lime		
	2190	3500	Lime		
	3500	3850	Lime, anhy		
	3850	4250	Lime		
	4250	4680	Lime, anhy		
	4680		TD		