

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
SUBMIT IN DUPLICATE  
(See instructions on reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-10597

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JM Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 23-T15S-R28E

12. COUNTY OR PARISH  
Chaves13. 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 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 requirements)

At surface 660 FSL &amp; 660 FWL Sec. 23-T15S-R28E

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

O. C. D.  
ARTESIA, OFFICE

15. DATE SPUDDED 6/2/81 16. DATE T.D. REACHED 6/11/81 17. DATE COMPL. (Ready to prod.) 7/6/81 18. ELEVATIONS (DF, REB, RT, OR, ETC.) 3619' GR 19. BLEV. CASINGHEAD 3619' GR

20. TOTAL DEPTH, MD &amp; TVD 2842' 21. PLUG, BACK T.D., MD &amp; TVD 2823' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE Yes

2433-2575' San Andres

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma ray neutron

27. WAS WELL CORRED

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#	200	10"	Circulated	
4 1/2"	10.50#	2841	7 7/8"	440 sax	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2595'	

31. PERFORATION RECORD (Interval, size and number)

2433-43', 10 2538-40', 4  
2455-58', 3 2547-49', 4  
2462-68', 6 2571-75', 4  
2508-10', 4  
2523-25', 4

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2433-2575'	60,000 gal. gelled water
	50,000# 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)	
7/10/81		Pump - 1½"					Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/11/81	24		→	7	TSTM	-0-		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
20#	20#	→	7	TSTM	-0-			

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

TEST WITNESSED BY

John R. Gray

35. LIST OF ATTACHMENTS

Gamma ray neutron logs, deviation survey

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

SIGNED

TITLE

ACCEPTED FOR RECORD  
ROGER A. CHAPMANJUL 29 1981  
Production Clerk

DATE 7/20/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

# 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 28, 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.

Item 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 38. 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
L. Yates	90	100	Red sand-water (brackish)	T. Salt	256	
	880	900	Dolomite-water (salt)	B. Salt	395	
Queen	1300	1314	Red sand	Yates	558	
	1580	1710	Sand, dolo, anhy.	7-Rivers	1100	
	1710	1740	Dolo, anhy.	Queen	1299	
	1740	1790	Anhy.	Penrose	1552	
	1790	1800	Dolo, anhy.	Grayburg	1700	
	1800	1820	Dolo, anhy., sand	San Andres	2000	
	1820	1930	Dolo, anhy.			
	1930	1950	Anhy.			
	1950	1960	Dolo, anhy, sand			
	1960	2140	Dolo, anhy.			
	2140	2450	Dolo.			
	2450	2460	Dolo, sand			
	2460	2842	Dolo.			
	2842		TD			
	2423		PBTD			

