

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

SUBMIT IN DUPLICATE

(See other instructions 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 ☐

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. Drawer 217, Artesia, New Mexico 88210

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

At surface

2310 FNL 330 FEL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

30-015-25667

DATE ISSUED

O. C. D.
ARTESIA, OFFICE

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

9/2/87

16. DATE T.D. REACHED

9/12/87

17. DATE COMPL. (Ready to prod.)

9/23/87

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

3643.2' GR

19. ELEV. CASINGHEAD

3643.2' GR

20. TOTAL DEPTH, MD & TVD

4590'

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

4492'

22. IF MULTIPLE COMPL.

ACCEPTED FOR RECORD

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-4590'

CABLE TOOLS

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

2816-3228' San Andres

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CSNG, LML, SDSN

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8"</u>	<u>24#</u>	<u>335'</u>	<u>12 1/4"</u>	<u>275 sx circ'd</u>	<u>None</u>
<u>5 1/2"</u>	<u>17#</u>	<u>4574.14'</u>	<u>7 7/8"</u>	<u>2400 sx circ'd SJS</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>2 7/8"</u>	<u>3320'</u>	

31. PERFORATION RECORD (Interval, size and number)

2816-3228' attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>2816-3228'</u>	<u>4000 gals. 15% NE acid;</u>
<u>2816-3228'</u>	<u>6000 gals. gel wtr, 360,000# sand</u>

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
<u>9/23/87</u>		<u>Pumping - 2"</u>				<u>Prod.</u>	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>9/24/87</u>	<u>24</u>		<u>→</u>	<u>39</u>		<u>frac str</u>	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		<u>→</u>	<u>39</u>	<u>170</u>	<u>frac wtr</u>		

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

Sold

TEST WITNESSED BY

Robert Chase

35. LIST OF ATTACHMENTS

deviation survey, perforations, final print of logs will be sent upon receipt.
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Phonda NelsonTITLE Production ClerkDATE 9/25/87

*(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 38, 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 19: 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	10	Caliche	San Andres	2634	
	10	170	Red bed			
	170	245	Anhy			
	245	255	Sand			
	260	385	Anhy, red bed			
	385	430	Sand, gyp, salt			
	430	450	Anhy, salt			
	450	840	Salt, potash			
	840	875	Anhy, potash			
	875	1050	Anhy			
	1050	1075	Red bed			
	1075	2275	Anhy			
	2275	3520	Anhy, red bed			
	3520	4590	Anhy			
	4590		TD			

MARBOB ENERGY CORPORATION
Raper Federal No. 3
Perforations

2816
2835
2845
2851
2860
2871
2883
2891
2895
2898
2916
2921
2934
2941
2954
2972
2985
2993
3004
3008
3018
3034
3047
3058
3069
3075
3079
3084
3090
3095
3112
3128
3163
3165
3166
3168
3176
3178
3180
3185
3192
3198
3200
3206
3208
3212
3217
3222
3226
3228

ARTESIA FISHING TOOL COMPANY

P. O. BOX 647 PHONE (505) 746-6651

ARTESIA, NEW MEXICO 88210

September 16, 1987

Marbob Energy Corporation
PO Drawer 217
Artesia, NM 88210

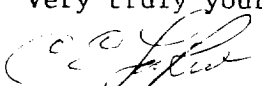
RE: Raper Federal #3
2310' FN: & 330' FEL
Sec. 11, T17S, R29E
Eddy County, New Mexico

Gentlemen:

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

<u>DEPTH</u>	<u>DEVIATION</u>
353'	3/4°
458'	2°
546'	2 1/4°
633'	1 1/2°
727'	2°
819'	2°
913'	2°
1004'	2°
1099'	1 1/2°
1192'	1 1/2°
1323'	1°
1540'	3/4°
2136'	3/4°
2605'	3/4°
3227'	3/4°
4590'	1/2°

Very truly yours,


C.E. LaRue
President

STATE OF NEW MEXICO §
COUNTY OF EDDY §

The foregoing was acknowledged before me this 16th day of September, 1987.



NOTARY PUBLIC

