

**RECEIVED**

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R365.5.

NOV 18 1968

5. LEASE DESIGNATION AND SERIAL NO.  
Tract 241-Contract 000154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Jicarilla Apache

9. WELL NO.  
14

10. FIELD AND POOL, OR WILDCAT  
South Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 34, T.26N., R.5W

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

OIL CON. COM. 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  
Marathon Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box #39, Sidney, Nebraska 69162

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 900' FSL, 900' FWL, Section 34, T.26N., R.5W.  
At top prod. interval reported below  
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 9-8-68 16. DATE T.D. REACHED 9-25-68 17. DATE COMPL. (Ready to prod.) 10-22-68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6541' GR, 6554' RKB All measurements from RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7345 21. PLUG, BACK T.D., MD & TVD 7305 22. IF MULTIPLE COMPL., HOW MANY\* Two 23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 7345 CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Pictured Cliffs Sand Top - 2862' Bottom - 2932' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Gamma Ray - Compensated Formation Density log - Caliper  
Gamma Ray Correlation log in casing 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
9-5/8	32.30	421	12 1/2 to 427	275 sacks - cemented to	sfc 0
5 1/2	17 and 15.5	7340	7-7/8 to 7345	775 sacks - cemented to	sfc 0
See attached casing and cementing data					

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1.660" OD Hydrill CS	2848	7003

31. PERFORATION RECORD (Interval, size and number)  
2865-2872, 2880-2886, 2901-2911, and 2916-2919. 26' with 52 Schlumberger Hyper Jets

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2865-2919, 50,000#	10-20 sand-water frac 10-3-68
Well was killed 10-6-68 after bit stuck in casing.	
2865-2919, 1,500	gallons mud acid 10-14-68.
2865-2919, 30,000#	10-20 sand-water frac 10-16-68

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	Well is shut in pending connection to El Paso's gathering system	Shut in					
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-2-68	Three	3/4	→	None		None	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
149 psig	156 psig	→	None	1,941	None	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented during test TEST WITNESSED BY N. Tefteller, Tefteller, Inc.

35. LIST OF ATTACHMENTS  
Casing data.

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

SIGNED Robert L. Elcaw TITLE Area Superintendent DATE November 13, 1968

\*(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 33.

**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.)

No cores or drill-stem tests taken.

**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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2862	2932	Sandstone - gas producing	Pictured Cliffs	2862	
Graneros Sand	7040	7132	Sandstone - gas producing	Lewis Shale	2932	
Dakota Sand	7132	7288	Sandstone - gas producing	Chacra	3750	
				Cliff House	4543	
				Moncos Shale	5253	
				Niobrara	6205	
				Basal Niobrara	6428	
				Sanastee	6664	
				Greenhorn	6966	
				Graneros Formation	7010	
				Graneros Sand	7040	
				Dakota Sand	7132	
				Morrison	7288	

**38. GEOLOGIC MARKERS**