

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
Tract 241 - Contract 0001546. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Apache9. WELL NO.
1410. FIELD AND POOL, OR WILDCAT
Jicarilla - Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Section 34, T.26N., R.5W.12. COUNTY OR
PARISH
Rio Arriba13. STATE
New Mexico1a. 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

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

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 SPUDDED 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 0 - 7345 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Graneros Sand Top 7040 Bottom 7132
Dakota Sand Top 7132 Bottom 728825. WAS DIRECTIONAL
SURVEY MADE
No26. TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray - Compensated Formation Density log - Caliper.
Gamma Ray Correlation log in casing27. 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 surface	0
5 1/2	17 and 15.5	7340	7-7/8 to 7345	775 sacks cemented to surface	0
See attached casing and cementing data.					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8	7003	7003

31. PERFORATION RECORD (Interval, size and number)

Graneros 7042-7050, 8' with 8 Schlumberger
Hyper Jets
Dakota 7171-7183, 7201-7206, 7212-7214,
7219-7225, 7265-7267 and 7273-7278, 32'
with 32 Hyper Jets

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7201-7278	500 gallons mud acid, 500 gallons 15% HCl acid & 40,000# 20-40 sand water-frac.
7042-7183	1,000 gallons 15% HCl acid and 60,000# 20-40 sand-water frac

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	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-6-68	Three	3/4"	————→	Not measured		None	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
395 psig	Packer	————→	Not measured	5,038	--	--	

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 W. McLean TITLE Area SuperintendentDATE 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 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.)

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.	38. GEOLOGIC MARKERS		
				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	