

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-2355.5.

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 MAY 4 1967

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 97, McFadden, Wyoming

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

At surface 1190' FSL, 1190' FSL, See 33, T26N, R5W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED

2/24/67

16. DATE T.D. REACHED

3/11/67

17. DATE COMPL. (Ready to prod.)

3/21/67

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

6598 GA, 6611 AB

19. ELEV. CASING HEAD
All measurements from KB

20. TOTAL DEPTH, MD & TVD

7395 MD

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

7348 MD

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

None

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

Graneros Sand top

7092

Base 7188

Dakota Sand top

7188

Base 7332

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Compensated Formation Density log - Caliper

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	AMOUNT PULLED
9 5/8	32.30 #	400' KB	13 3/4	450 sacks - surface	None
* 5 1/2	17# & 15.50#	7375' KB	7 7/8	775 sacks - surface	None
* See attachment for details of casing and cement					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8	7050	7050 KB

31. PERFORATION RECORD (Interval, size and number)

Graneros 7094-7100, 7116-20, 7127-24 (12' by Schlumberger hyper jets.
Dakota 7230-36, 7238-42, 7245-47, 7264-66, 7271-76, 7286-88, 7312-22 (31', 2 hyper jets per foot (62)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7094 - 7217	500 gal Mud acid, 35000# 40-60 and 20-40 Sand.
7264 - 7322	500 gal Mud acid, 60000# 20-40 sand sand water frac treatment.

33.* PRODUCTION

DATE FIRST PRODUCTION 4/8/67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in after test until pipeline connection is made.	
DATE OF TEST 4/8/67	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. not measured	GAS—MCF. 4686 MCFD	WATER—BBL. - - -	GAS-OIL RATIO - - -
FLOW. TUBING PRESS. 368 psig	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. - - -	GAS—MCF. 4686	WATER—BBL. - - -	OIL GRAVITY-API (CORR.) - - -	

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

Vented during test

TEST WITNESSED BY

W. Jetteller of Jetteller, Inc.

35. LIST OF ATTACHMENTS Casing and cement data (Marathon Form 434); AMOCC Form C122; AMOCC Packer Leakage Test data; Gamma Ray-Density-Caliper log; Gamma Ray Perforating Depth Control log.

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

SIGNED

TITLE

Area Superintendent

DATE

May 2, 1967

*(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 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 cementing 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP VERT. DEPTH
Fractured Cliffs	2898	2964	Sandstone - gas producing	Fractured Cliffs	2898	
Graneros Sand	7092	7186	Sandstone - gas producing	Lewis Shale	2964	
Dakota Sand	7186	7332	Sandstone - gas producing	Chacra	3774	
				Cliff house	4578	
				Hancos Shale	5264	
				Niobrara	6230	
				Basal Niobrara	6464	
				Sanastee	6702	
				Greenhorn	7010	
				Graneros Formation	7068	
				Graneros Sand	7092	
				Dakota Sand	7188	
				Korrison	7332	