

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved
Budget Bureau No. 42 R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DAY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						3. ADDRESS OF OPERATOR	
Marathon Oil Company						P. O. Box 220 - Hobbs, New Mexico	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						5. LEASE DESIGNATION AND SERIAL NO.	
At surface 1650' FSL & 1650' FEL						NM 05607	
At top prod. interval reported below same						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
At total depth same						7. UNIT AGREEMENT NAME	
14. PERMIT NO. current						North Indian Basin Unit	
DATE ISSUED						8. FARM OR LEASE NAME	
15. DATE SPULGED 6-26-67						North Indian Basin Unit	
16. DATE T.D. REACHED 7-26-67						Gas "Com"	
17. DATE COMPL. (Ready to prod.) 9-9-67						9. WELL NO. 6	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* Gr 3846						10. FIELD AND POOL, OR WILDCAT	
19. ELEV. CASINGHEAD 3847						Indian Basin Upper Penn	
20. TOTAL DEPTH, MD & TVD 7680						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
21. PLUG, BACK T.D., MD & TVD 7590						Sec. 4-21S-23E	
22. IF MULTIPLE COMPL., HOW MANY* Single						12. COUNTY OR PARISH Eddy	
23. INTERVALS DRILLED BY						13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
7230 - 7404' Upper Penn						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Sidewall Neutron Porosity; Borehole Compensated Sonic-Gamma Ray; Compensated Form. Density; Induction-Electrical						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8		48		177		17-1/2"	
9-5/8		36		2056		12-1/4"	
5-1/2		15.5 & 17		7678		7-7/8"	
						CEMENTING RECORD	
						350 sxs (circulated)	
						1500 sxs (circulated)	
						1250 sxs	
						AMOUNT PULLED	
						None	
						None	
						None	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None						SCREEN (MD)	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKED SET (MD)			
2-3/8"		7179'		7187'			
31. PERFORATION RECORD (Interval, size and number)							
7230-31; 34-35; 38-39; 61-62; 7267-68; 7357-58; 7403-04 with 2 JSPF							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7230-7404				1500 gal. 15% Spearhead acid			
"				6000 gal. 28% spearhead acid			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-14-67		Flow				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
9-14-67		4 hrs.		48/64"		XX-BEL. COND. 2.0	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS-MCF. 214.5	
915		Pkr.		12		WATER-BBL. 1.5	
						OIL GRAVITY-API (CORR.) 59° @ 60° F	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
Vented							
35. LIST OF ATTACHMENTS							
2 copies each of all logs run (See No. 26 above)							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from the records							
SIGNED		TITLE				DATE	
C. A. Little		Area Superintendent				9-15-67	

*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED
SEP 18 1967
U. S. GEOLOGICAL SURVEY
ARTESIA, 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 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: "Seals 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
				ELECTRIC LOG TOPS		
	0	210	Surface rock	Basal Leonard	5335'	(-1475)
	210	4623	Lime	Wolfcamp Lime	6095'	(-2235)
	4623	4775	Lime and Shale	Upper Pennsylvanian	7220'	(-3360)
	4775	7640	Lime			
	7640	7680 TD	Lime and Shale			
DST #1: 7510-7600 (90'), 5/8" x 1" choke, open tool for 3 mins. w/good blow.						
Took 30 mins. install shut in. Open tool, gas to surface in 18 mins. Tool open 1-1/4 hrs. Approx. 53 MCFPD w/8 psi FTP. Tool shut in 1 hr. Test completed.						
Recovered 100' gas cut drilling mud.						
HI 3518			FFP 93			
HO 3518			FSIP 2781 after 1 hr.			
ISIP 2448 after 30 mins.			Temp. 142°			
IFP 62			Top of Massive Lime 7620'			
			Bottom of Massive Lime 7640			
Sample Descriptions:						
7640-50, 70% Ln., 30% Sd.,		Hd fine to md. gr.				
7650-60, 30% Ln., 10% Sh.,		60% sand				
7660-70, 20% Ln., 20% Sh.,		60% sand				
7670-80, 20% Ln., 10% Sh.,		70% sand				