

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 ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. N. M. 051107	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --	
2. NAME OF OPERATOR Marathon Oil Company		7. UNIT AGREEMENT NAME North Indian Basin Unit	
3. ADDRESS OF OPERATOR Box 220 Hobbs, New Mexico		8. FARM OR LEASE NAME North Indian Basin Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1815' FSL and 1752.3' FEL of Sect. 9 At top prod. interval reported below same At total depth same		9. WELL NO. 5	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Indian Basin Upper Penn	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 9 - 21S - 23E	
15. DATE SPUNDED 6-15-65		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 7-10-65		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 8-1-65		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3891' GR	
19. ELEV. CASINGHEAD 3892'		20. TOTAL DEPTH, MD & TVD 7710'	
21. PLUG BACK T.D. MD & TVD 7662'		22. IF MULTIPLE COMPL., HOW MANY* --	
23. INTERVALS DRILLED BY --		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7376 - 7620'	
25. WAS DIRECTIONAL SURVEY MADE yes		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray Sonic & Neutron; Cement Bond; Correlation; & Compensated Density; and Induction-Electric Logs	
27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
13-3/8"		48	
9-5/8"		36	
7"		23 & 26	
Depth Set (MD)		Hole Size	
224'		17 1/2"	
2103'		12 1/2"	
7709'		8-3/4"	
Cementing Record		Cement Packed	
350 sacks		none	
1240 sacks		none	
1075 sacks		none	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		Screen (MD)	
None		2-3/8"	
7295'		7234'	
31. PERFORATION RECORD (Interval, size and number) 7376 - 7620' w/ 71 shots (includes 23 radio active shots)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) 7376 - 7620' Amount and Kind of Material Used 4000 Gal. 15% Spearhead acid	
33. PRODUCTION Date First Production 8-1-65 Production Method (Flowing, gas lift, pumping—size and type of pump) Flowing Well Status (Producing or shut-in) shut in		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well shut in	
35. LIST OF ATTACHMENTS Induction-Electric Log (2)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED [Signature] TITLE Area Supt.		DATE 8-24-65	

*(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 25, 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 Federal office for specific instructions.

Item 12: 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. Item 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: "Sticks 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 POROSITY 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
Caliche & Dolo	0'	531'				
Dolo & sand	531'	1450'				
Lime	1450'	4712'				
Lime & Shale	4712'	4875'				
Lime	4875'	5491'				
Lime & Shale	5491'	5588'				
Lime	5588'	6050'				
Lime and Shale	6050'	7710' TD				
DST # 1 -- (7360-7480') Upper Pennsylvanian section. 3/4" x 1" chokes. No blanket. Flowed well 1 hr 10 min at daily rate of 3.9 MMCF thru 19/64" choke with FTP 1850#. Produced condensate at daily rate of 17.3 barrels.						
Dist: CoPL	Monsanto					
JHH	Phillips					
LHS	Sinclair					
JRB						
File						
				ELECTRIC LOG TOPS		
				Basal Leonard	5427	(-1521)
				Wolfcamp Lime	6120	(-2214)
				Cisco Canyon	7253	(-3347)