

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Bridget 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. 029388 (d)											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RES. /R. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----											
2. NAME OF OPERATOR Marathon Oil Company				7. UNIT AGREEMENT NAME -----											
3. ADDRESS OF OPERATOR P. O. Box 2409, Hobbs, New Mexico				8. FARM OR LEASE NAME Johnson "B" Fed. A/C 2											
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FEL & 990' FSL, Sec. 15, T-18S, R-31E At top prod. interval reported below At total depth				9. WELL NO. 3											
14. PERMIT NO. Current				DATE ISSUED AUG 5 1970		10. FIELD AND POOL, OR WILDCAT Shugart Yates 7 Rvrs. Queen Grayburg									
15. DATE SPUDDED 7-9-70				16. DATE T.D. REACHED 7-14-70		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 15, T-18S, R-31E									
17. DATE COMPL. (Ready to prod.) 7-20-70				12. COUNTY OR PARISH Oddy		13. STATE New Mexico									
20. TOTAL DEPTH, MD & TVD 3450'				21. PLUG, BACK T.D., MD & TVD 3421'		19. ELEV. CASINGHEAD 3450'									
22. IF MULTIPLE COMPL., HOW MANY*				23. ROTARY TOOLS		CABLE TOOLS									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Queen Sand 3398-3412'				25. WAS DIRECTIONAL SURVEY MADE Yes											
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity Log and Compensated Formation Density Log				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					
8-5/8"		24#		760'		11"		350 sxs. circ. to surf.							
5-1/2"		15.5#		3450'		7-7/8"		375 sxs.							
29. LINER RECORD								30. TUBING RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
										2-3/8"		3387'			
31. PERFORATION RECORD (Interval, size and number) 3398' to 3412' (15 ft.) (30 holes)								32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
								DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
								3398-3412		500 gal. acid; 20,000 brn. water and 30,000 lbs. sand.					
33.* PRODUCTION															
DATE FIRST PRODUCTION 7-20-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump						WELL STATUS (Producing or shut-in) Producing							
DATE OF TEST 7-24-70		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD →		OIL—BBL. 130		GAS—MCF. TSTM		WATER—BBL. 33		GAS-OIL RATIO -	
FLOW, TUBING PRESS. -		CASING PRESSURE 20#		CALCULATED 24-HOUR RATE →		OIL—BBL. 130		GAS—MCF. TSTM		WATER—BBL. 33		OIL GRAVITY-API (CORR.) 37.5			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY E. S. Green					
35. LIST OF ATTACHMENTS See No. 26.															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED C. A. Smith				TITLE Area Supt.				DATE 7-31-70							

*(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.)

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed & Anhy	400	760	<u>Electric Log Tops</u> Anhydrite 690' (+3015) Yates 2185' (+1520) Queen 3358' (+347)			
Anhy	760	809				
Anhy and Salt	809	1909				
Anhy	1909	2700				
Anhy and Lime	2700	2723				
Lime	2723	2920				
Anhy and Lime	2920	3060				
Lime	3060	3450 TD				