

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.	30-025-31141
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	McDonald State A/C "1"
8. Well No.	38
9. Pool name or Wildcat	South Eunice/7-Rivers Queen

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____	
2. Name of Operator Marathon Oil Company	
3. Address of Operator P.O. Box 552, Midland, TX 79702	

4. Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>2074</u> Feet From The <u>West</u> Line Section <u>16</u> Township <u>22-S</u> Range <u>36-E</u> NMPM Lea County	
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10. Date Spudded 5/22/91	11. Date T.D. Reached 5/28/91	12. Date Compl. (Ready to Prod.) 8/6/91	13. Elevations (DF & RKB, RT, GR, etc.) 3566' GR	14. Elev. Casinghead 3566' GR
15. Total Depth 4000'	16. Plug Back T.D. 3940'	17. If Multiple Compl. How Many Zones? <u>2</u>	18. Intervals Drilled By Rotary Tools All	19. Producing interval(s), of this completion - Top, Bottom, Name 3702'-3807'-Queen; 3848'-3894'-Penrose
21. Type Electric and Other Logs Run GR/CPT/CNL/CAL, GR/CLL/CBL				20. Was Directional Survey Made Yes
22. Was Well Cored No				

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	450'	11"	350sx Class C+2% CaCl ₂	
				+ 1/2# sx celloflake	
5 1/2"	15.5#	3995'	7 7/8"	1175sx Class C poz +	
				3% NaCl + 425sx Class	
				C +3% KCL	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3909'	

26. Perforation record (interval, size, and number)
3848'-3869'; .4" shot; 24 holes
3872'-3894'; .4" shot; 27 holes
3702'-3807'; .4" shot; 141 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3848'-3869'	Acid w/2000 gals 15% NEFF
3848'-3894'	Acid w/3500 gals 15% NEFF
3702'-3807'	Acid w/4000 gals 15% NEFF

PRODUCTION

28. Date First Production 8/6/91	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2" x 1 3/4" x 16' x 18' RHBC				Pump Rod	Well Status (Prod. or Shut-in) Producing	
Date of Test 8/22/91	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 11	Gas - MCF 27	Water - Bbl. 370	Gas - Oil Ratio 2.4545
Flow Tubing Press.	Casing Pressure 45	Calculated 24-Hour Rate	Oil - Bbl. 11	Gas - MCF 27	Water - Bbl. 370	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented

Test Witnessed By
Tony Hallum

30. List Attachments

Inclination Report & Log List from Item #21 above.

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Carl R. Bagwell

Printed Name

Carl Bagwell

Title Eng. Tech.

Date 9/13/91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen 3702'
 T. Grayburg 3897'
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzte _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
3702'	3897'	195'	Queen (Sand, Dolomite)				
3897'	4000'	103'	Grayburg (Dolomite)				
	(TD)						

OCT 04 1991
 HOES OFFICE