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Form C-105
Revised 11-1-76

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: NM-106

1a. TYPE OF WELL

b. TYPE OF COMPLETION: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER ____

NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: McDonald State A/C 1

2. Name of Operator: Marathon Oil Company

9. Well No.: 29

3. Address of Operator: P. O. Box 2409, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat: South Eunice (Seven Rivers, Queen)

4. Location of Well

UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 16 TWP. 22S RGE. 36E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
3-14-77	3-27-77	4-25-77	3561 RT, 3560 DF, 3551 GR	3551'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3998'	3800'	- - - -	→	All	- - - -

24. Producing Interval(s), of this completion — Top, Bottom, Name: 3697-3783' Queen

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Gamma Ray-Compensated Neutron-Compensated Density-Caliper, Dual Laterolog

27. Was Well Cored: Yes

28. 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#	350'	12 1/4"	410 sx Class "C"	
4 1/2"	10.5 & 9.5	3996'	7 7/8"	1200 sx Class "C" 2% Lodense,	
				250 sx Class "H" Neat	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	3780'	

31. Perforation Record (Interval, size and number)

3697', 99', 3707', 11', 16', 23', 25', 31', 33', 37', 39', 46', 47', 58', 59', 61', 63', 65', 74', 75', 81', 83' (1 JSPF)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3697-3783'	2100 gals 15% acid
	40,000 gals Ultra frac 20
	56,000# 20/40 sand

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
4-29-77	Pumping	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
5-8-77	24	Open		24.0	92	1.0	3830:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
30 psi	30 psi		24.0	92	1.0	35.8

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

Test Witnessed By: E. E. Powell

35. List of Attachments: Gamma Ray-Compensated Neutron-Compensated Density-Caliper Log; Dual Laterolog

36. *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.*

SIGNED William P. Holmes TITLE Petroleum Engineer DATE May 17, 1977

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except for state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1550' (+2011')	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2964' (+597')	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3140' (+421')	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	3396' (+165')	T. Devonian		T. Menefee		T. Madison	
T. Queen	3694' (-133')	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3790' (-229')	T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtz'e	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 3140' (+421') to 3694' (-133') No. 4, from ..... to .....

No. 2, from 3694' (-133') to 3790' (-229') No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, 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. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
10	714	704	Redbed				
714	1550	836	Anhydrite				
1550	2964	1414	Salt				
2964	3230	266	Anhydrite				
3230	3694	464	Dolomite				
3694	3790	96	Sand				
3790	3998	208	Dolomite				

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