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Form C-105
Revised 11-1-78

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.: A-2614

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: McDonald State A/C 2

2. Name of Operator: Marathon Oil Company

9. Well No.: 31

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

10. Field and Pool, or Wildcat: Drinkard

4. Location of Well: UNIT LETTER G LOCATED 1800 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE OF SEC. 13 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
6-30-78	7-13-78	7-22-78	3471' GL; 3482' KB	3471'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6800'	6742'		→	0-6800'	

24. Producing Interval(s), of this completion — Top, Bottom, Name: Drinkard 6538-6654'

25. Was Directional Survey Made: No — Inclination Only

26. Type Electric and Other Logs Run: GR-CNL-FDC-Caliper, GR-CBL-Collar Log

27. Was Well Cored: No

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#	1320'	11"	425 sacks Class C	
5 1/2"	17#	*6798'	7 7/8"	1st Stg-475 sx Cl C & 250	sx Cl C Pozmix
				2nd Stg-1000 sx Cl C w/6%	gel,
		*D.V. Tool @	3078'	200 sx Cl C Neat	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	6700'	6498' (Tbg Anchor)

31. Perforation Record (Interval, size and number)

6538', 41', 43', 49', 51', 55', 67', 69', 77', 79', 83', 85', 6606', 08', 43', 54' 2 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6538-6654'	4000 gals 15% NE-HCL

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
7-22-78	Pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
8-9-78	24	-		35	115	14	3286

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
			35	115	14	36

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

Test Witnessed By: D. E. Kennedy

35. List of Attachments: C-104, Inclination Report. GR-CNL-FDC

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 R Heck TITLE Production Engineer DATE August 11, 1978

INSTRUCTIONS

This form is to be filed with the ap[illegible]riate District Office of the Commission not lat[illegible]m 20 days after the completion of any newly-drilled o[illegible] deepened well. It shall be accompani[illegible] by one copy of all electrical and radio-activity lo[illegible]m on the well and a summary of all special tests con[illegible] ducted, 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 on 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	1220'	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1380'	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2505'	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates	2674'	T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers	2930'	T. Devonian		T. Menefee		T. Madison	
T. Queen	3374'	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	3696'	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	3933'	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	5176'	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry	5500'	T. Gr. Wash		T. Morrison		T.	
T. Tubb	6160'	T. Granite		T. Todilto		T.	
T. Drinkard	6514'	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 6538' to 6654' No. 4, from ..... to .....

No. 2, from ..... to ..... 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
0	1220		Redbeds				
	2505		Anhydrite & Salt				
	3374		Lime & Shale				
	3696		Sand, Shale, Dolomite				
	3933		Lime & Dolomite				
	5176		Dolomite & Anhydrite				
	6800		Lime, Dolomite & Shale				