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

Form O-100
Revised 11-1-88

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-619	

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Wainoco E-619 St.A/C B
9. Well No.
2
10. Field and Pool, or Wildcat
Vacuum Abo, North

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P. O. Box 2409, Hobbs, New Mexico, 88240

4. Location of Well

UNIT LETTER M LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM

12. County
Lea

THE West LINE OF SEC. 2 TWP. 17S RGE. 34E NMPM

15. Date Spudded 09-11-85 16. Date T.D. Reached 10-06-85 17. Date Compl. (Ready to Prod.) 10-22-85

18. Elevations (DF, RKB, RT, GR, etc.)
GR 4051, DF 4064
19. Elev. Casinghead
4051'

20. Total Depth 8850' 21. Plug Back T.D. 8824' 22. If Multiple Compl., How Many

23. Intervals Drilled By Rotary Tools 0-8850 Cable Tools

25. Was Directional Survey Made
No
27. Was Well Cored
No

24. Producing Interval(s), of this completion - Top, Bottom, Name

8656'-8804' Abo

26. Type Electric and Other Logs Run

Compensated Density, Compensated Neutron Log & Cement Bond Log

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#/ft.	505'	17 1/2"	600 sacks	none
8 5/8"	24 & 32#/ft.	4872'	11"	2200 sacks	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5 1/2"	4198'	8850'	1150		2 3/8"	8819'	none

31. Perforation Record (Interval, size and number)

8656-58, 60-73, 76-80, 85-87, 8719-21, 27-29, 40-42, 53-55, 72-80, and 8800-04 (51 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8656'-8804'	14,800 gallons 15% NEFE acid

33. PRODUCTION

Date First Production 10-25-85 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 1 1/4" rod pump Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
01-09-86	24	-	→	17	32	155	1882
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	40	→	17	32	155	35	

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

Vented during test Test Witnessed By C. C. Cornett

35. List of Attachments

Compensated Density, Compensated Neutron Log, GR-CBL logs and inclination survey & C-104

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 Steven A. Pohler TITLE Production Engineer DATE January 10, 1986

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ 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 1 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2890	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3880	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4668	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 6075	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 7378	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 8083	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 Abo _____ 8656 to _____ 8804

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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	1552	1552	Red Bed				
1552	1880	328	Red Bed, Salt				
1880	2460	580	Salt, Anhy				
2460	2758	298	Red Bed				
2758	3064	306	Anhy, Salt				
3064	3184	120	Anhy				
3184	7518	4334	Lime				
7518	7610	92	Lime, Shale				
7610	8850	1240	Lime				