

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

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

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
E-619

7. Unit Agreement Name

8. Farm or Lease Name
Wainoco E-619 State

A/C B

9. Well No.
1

10. Field and Pool, or Wildcat
Vacuum Abo North

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 2409, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

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

12. County
Lea

15. Date Spudded 8-17-72 16. Date T.D. Reached 9-10-72 17. Date Compl. (Ready to Prod.) 10-1-72 18. Elevations (DF, RAB, RT, GR, etc.) DF 4063' 19. Elev. Casinghead 4050'

20. Total Depth 8900' 21. Plug Back T.D. 8850' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools All Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name 8627-8774' Abo 25. Was Directional Survey Made Yes

26. Type Electric and Other Logs Run Sidewall Neutron Porosity 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
12-3/4"	34	279'	17-1/2"	350 sxs	
8-5/8"	24 & 28	3189'	11"	1200 sxs	
4-1/2"	10.5 & 11.6	8900'	7-7/8"	1000 sxs	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8823'	-

31. Perforation Record (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

8627-33, 60-70, 72-78, 8734-39, 51-53, 60-68, 71-74' (40 holes) 3/8" in size	DEPTH INTERVAL 8627-8774'	AMOUNT AND KIND MATERIAL USED 12,000 gals. 20% NE Acid
--	------------------------------	---

33. PRODUCTION

Date First Production 10-1-72 Production Method (Flowing, gas lift, pumping - Size and type pump) Pump Well Status (Prod. or Shut-in) Producing

Date of Test 10-2-72 Hours Tested 24 Choke Size 2" Prod'n. For Test Period 126 Gas - MCF 99.4 Water - Bbl. Trace Gas - Oil Ratio 789:1

Flow Tubing Press. 30 Casing Pressure 30 Calculated 24-Hour Rate 126 Gas - MCF 99.4 Water - Bbl. Trace Oil Gravity - API (Corr.) 35 @ 60° F.

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented Test Witnessed By M. L. Johnston

35. List of Attachments
Sidewall Neutron Porosity Log

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 [Signature] TITLE Acting Area Supt. DATE 11-16-72

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 on state land, where six copies are required. See Rule 1105.

Northwestern New Mexico

T. Anhy.	T. Canyon	T. Ojo Alamo	T. Penn. ('B')
T. Salt	T. Strawn	T. Kittland-Fruitland	T. Penn. ('C')
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. ('D')
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizite
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn.		T. Permian	T.
T. Cisco (Bough C)		T. Penn. ('A')	T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1564	1564	Red Bed				
1564	1900	336	Red Bed, Salt				
1900	2474	574	Salt, Anhy				
2474	2762	288	Red Bed				
2762	3070	308	Anhy, Salt				
3070	3190	120	Anhy				
3190	7528	4338	Lime				
7528	7615	87	Lime, Shale				
7615	8900	1285	Lime				

RECEIVED

17 072

U.S. GEOLOGICAL SURVEY

WASHINGTON, D.C.