

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

Form C-105
Revised 11-1-8

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.	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒
b. TYPE OF COMPLETION	
NEW WELL ☐	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☒
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name

8. Form or Lease Name
Lou Worthan

2. Name of Operator
Marathon Oil Company

9. Well No.
16

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

10. Field and Pool, or Wildcat
Tubb Gas Pool

4. Location of Well	
UNIT LETTER <u>B</u>	LOCATED <u>330</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM

12. County	
Lea	

THE <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>22-S</u> RGE. <u>37-E</u>
--

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
11-10-76	12-3-76	12-5-80	3357' DF	3343'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
7580'	6140'			0-7580'	

24. Producing Interval(s), of this completion - Top, Bottom, Name		25. Was Directional Survey Made
5759-6053' Tubb Gas Zone		No

26. Type Electric and Other Logs Run	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
9 5/8"	32#	1288'	12 1/4"	400 Sx Light, 250 sc CL C	
7"	23# and 26#	*7580'	8 3/4"	1st Stg: 800 sx CL C 50/50 Poz	
				2nd Stg: 1200 sx Light, 400 sx CL C	
	*D.V. Tool @	4491'			

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	5737'	5737'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
5759', 5770', 5804', 5805', 5810', 5830-5837', 5855', 5857', 5859', 5864', 5865', 5877-5879', 5934', 5935', 5941', 5943', 5945', 5965', 5966', 5970-5978', 6000', 6005', 6006', 6017', 6019', 6026', 6034', 6040-6044', 6051-6053', Total of 52 holes (1 JSPP)		<table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>5759-6053'</td> <td>15,000 gals. 28% HCL +</td> </tr> <tr> <td></td> <td>12,000 gals. 40# gelled pad</td> </tr> </table>		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5759-6053'	15,000 gals. 28% HCL +		12,000 gals. 40# gelled pad
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
5759-6053'	15,000 gals. 28% HCL +								
	12,000 gals. 40# gelled pad								

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12-5-80		Flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-12-80	24	32/64"		8	510	33	63,750
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
125	0		8	510	33	59	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	Patrick N. Burton

35. List of Attachments

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 <u>[Signature]</u>	TITLE <u>Operations Superintendent</u>	DATE <u>December 15, 1980</u>

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 on state land, where six copies are required. See Rule 116b.

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 _____	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 Qtzte _____
T. Glorieta _____ 4964'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____ 5386'	T. Gr. Wash _____ 7027'	T. Morrison _____	T. _____
T. Tubb _____ 5853'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6107'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6465'	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 _____ 5759' _____ to _____ 6053' _____	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
14	573	561	Redbed				
573	985	412	Redbed & Anhydrite				
985	1431	446	Anhydrite				
1431	2502	1071	Anhydrite & Salt				
2502	3400	898	Anhydrite				
3400	4500	1100	Anhydrite & Lime				
4500	5675	1175	Lime				
5675	5900	225	Lime & Dolomite				
5900	6980	1080	Lime				
6980	7030	50	Lime & Dolomite				
7030	7220	190	Lime-Granite Wash				
7220	7580	360	Granite				