

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

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

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
K-5796

7. Unit Agreement Name
-

8. Farm or Lease Name
State K-5796

9. Well No.
1

10. Field and Pool, or Wildcat
Vacuum Abo, North

12. County
Lea

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 B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM

THE East LINE OF SEC. 7 TWP. 17S RGE. 35E NMPM

15. Date Spudded 9-18-76 16. Date T.D. Reached 10-12-76 17. Date Compl. (Ready to Prod.) 10-20-76 18. Elevations (DF, RKB, RT, GR, etc.) 4025' KB 19. Elev. Casinghead 4014'

20. Total Depth 8921' 21. Plug Back T.D. 8906' 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
8769-8883' Abo 25. Was Directional Survey Made No

25. Type Electric and Other Logs Run Sidewall Neutron, Dual Laterolog, Gamma Ray, CBL 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
13 3/8"	48#	260'	17 1/2"	300 sx Class "C"	-
8 5/8"	32#	3200'	11"	800 sx C1 C; 200 sx C1 H	-
4 1/2"	11.6#	8921'	7 7/8"	1338 sx C1 C; 300 sx C1 H	-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	8882'	-

31. Perforation Record (Interval, size and number)
8769', 74', 76', 78', 8812', 14', 33', 35', 37', 58', 60', 65', 67', 69', 71', 73', 81', 83'.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>8769-8883'.</u>	<u>15,000 gal. 15% HCL</u>

33. PRODUCTION

Date First Production <u>October 27, 1976</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pump</u>	Well Status (Prod. or Shut-in) <u>Producing</u>					
Date of Test <u>Nov. 10, 1976</u>	Hours Tested <u>24</u>	Check Size <u>-</u>	Prod'n. For Test Period <u>→</u>	Oil - Bbl. <u>60.26</u>	Gas - MCF <u>76</u>	Water - Bbl. <u>2.55</u>	Gas - Oil Ratio <u>1,261</u>
Flow Tubing Press. <u>-</u>	Casing Pressure <u>50</u>	Calculated 24-Hour Rate <u>→</u>	Oil - Bbl. <u>60.26</u>	Gas - MCF <u>76</u>	Water - Bbl. <u>2.55</u>	Oil Gravity - API (Corr.) <u>33.7</u>	

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

35. List of Attachments
Sidewall Neutron and 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 Robert J. Quenkel TITLE Petroleum Engineer DATE November 15, 1976

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

I. OPERATOR

Operator
Marathon Oil Company

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

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input checked="" type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)
**CASINGHEAD GAS MUST NOT BE
PLACED UP FOR 3/12/78
UNLESS AN EXCEPTION TO R-4070
IS OBTAINED.**

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name	State K-5796	Well No.	2	Pool Name, including Formation	Vacuum Abo, North	Kind of Lease	State, Federal or Fee	State	Lease No.	K-5796
Location	Unit Letter <u>H</u> ; <u>660</u> Feet From The <u>East</u> Line and <u>1980</u> Feet From The <u>North</u> Line of Section <u>7</u> Township <u>17-S</u> Range <u>35-E</u> , NMPM, <u>Lea</u> County									

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Mobil Oil Corporation (truck)	Address (Give address to which approved copy of this form is to be sent)	P. O. Box 900, Dallas, Texas 75221										
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/>	Phillips Petroleum Company	Address (Give address to which approved copy of this form is to be sent)	P. O. Box 2130, Hobbs, New Mexico 88240										
If well produces oil or liquids, give location of tanks.	test	Unit	N	Sec.	6	Twp.	17S	Rge.	35E	Is gas actually connected?	No	When	

If this production is commingled with that from any other lease or pool, give commingling order number: CTB-269

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Resrv.	Diff. Resrv.	
Date Spudded	11-15-77	Date Compl. Ready to Prod.	1-13-78	Total Depth	8981'	P.B.T.D.	8945'		
Elevations (DF, RKB, RT, GR, etc.)	GR 4000.8'; RKB 4013.6	Name of Producing Formation	North Abo	Top Oil/Gas Pay	8853' (-4839')	Tubing Depth	8918'		
Perforations	8824, 28, 29, 34, 35, 36, 64, 65, 67, 68, 69, 86, 87, 88, 89, 90, 91, 92, 8917, 18, 19, 20, 21, 22, 23, 24 (26 holes)							Depth Casing Shoe	8979'
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT						
17"	13 3/8"	257'	275 sx Class C						
11"	8 5/8"	3200'	800 Cl. H & 200 Cl. C						
7 5/8"	4 1/2"	8980'	1730 D.W. Lite. 200						
	2 3/8"	8918'	sx Class C						

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	1-13-78	Date of Test	1-18-78	Producing Method (Flow, pump, gas lift, etc.)	Pump		
Length of Test	24 hours	Tubing Pressure	-	Casing Pressure	29	Choke Size	-
Actual Prod. During Test		Oil-Bbls.	51	Water-Bbls.	1/2	Gas-MCF	61

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

[Signature]
(Signature)
Production Engineer
(Title)
January 18, 1978
(Date)

OIL CONSERVATION COMMISSION

APPROVED JAN 23 1978 19 _____

BY [Signature]

TITLE SUPERVISOR DISTRICT I

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

RECEIVED

JAN 20 1978

OIL CONSERVATION COMM.
HOBBS, N. M.