

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-111
Effective 1-1-65

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U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRORATION OFFICE	

API 30-045-23036

Operator Marathon Oil Company	
Address P.O. Box 2659 Casper, WY 82602	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Ohio Government	Well No. 4	Pool Name, including Formation Fulcher Kutz-Pictured Cliffs	Kind of Lease State, Federal or Fee Federal NM	Lease No. 020498
Location Unit Letter M ; 1150 Feet From The South Line and 1800 Feet From The West Line Line of Section 15 Township 28N Range 11W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)	
El Paso Natural Gas Company	P.O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.	Is gas actually connected? When No

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 11-16-78	Date Compl. Ready to Prod. 4-11-79	Total Depth 1760'	P.B.T.D. 1722'					
Elevations (DF, RKB, RT, GR, etc.) 5620' GL, 5633' KB	Name of Producing Formation Fulcher Kutz-Pic. Cliffs	Top Oil/Gas Pay 1614'	Tubing Depth 1548'					
Perforations 1614'-1626' 2 shots/ft.			Depth Casing Shoe					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
12-1/4"	8-5/8"	270'	250					
7-7/8"	4-1/2"	1760'	540					
	2-3/8"	1548'						

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D 703	Length of Test 3 Hrs.	Bbls. Condensate/MMCF 0	Gravity of Condensate
Testing Method (pitot, back pr.) One Point Back Press.	Tubing Pressure (Shut-in) 288 psig	Casing Pressure (Shut-in) 288 psig	Choke Size 3/4"

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.

Harry Magness
(Signature)

District Operations Manager
(Title)

May 4, 1979
(Date)

OIL CONSERVATION COMMISSION

MAY 9 1979

APPROVED _____, 19

BY Original Signed by A. D. Hendrick

TITLE SUPERVISOR DISTRICT # 3

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.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

MARATHON OIL COMPANY

Drilling Operations Plan

Ohio Gov't. #4-15
Sec. 15, T28N, R11W
San Juan County, New Mexico

1. Geologic name of surface:

Nacimiento (Tertiary)

2. Estimated tops of important geologic markers:

Est. KB		5,590'
Ojo Alamo	525'	(+5,065)
Kirtland Shale	545'	(+5,045)
Farmington Sand	810'	(+4,780)
Fruitland Sand	1,350'	(+4,240)
Pictured Cliffs	1,560'	(+4,030)
Lewis Shale	1,645'	(+3,945)
TD	1,750'	(+3,840)

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations:

Farmington 810' - gas and water flows.

Fruitland 1,350' - gas.

Pictured Cliffs 1,560' - gas.

No other mineral bearing formations are anticipated.

4a. The casing program including the size, grade, weight, whether new or used, and a setting depth of each string:

<u>Min. Hole Size</u>	<u>Casing O.D.</u>	<u>Grade</u>	<u>Weight</u>	<u>Setting Depth</u>	<u>New or Used</u>
12-1/4"	8-5/8"	K-55	24#	225'	New
7-7/8"	4-1/2"	K-55	10.5#	1,750'	New