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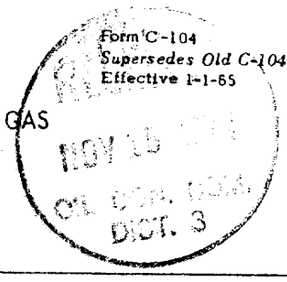
LAND OFFICE		
TRANSPORTER OIL		
TRANSPORTER GAS	1	
OPERATOR	2	
PRORATION OFFICE		

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



I.

Operator
Marathon Oil Company

Address
P. O. Box 2659, Casper, Wyoming 82601

Reason(s) for filing *(Check proper box)*
New Well [X]
Recompletion [ ]
Change in Ownership [ ]
Change in Transporter of:
Oil [ ] Dry Gas [ ]
Casinghead Gas [ ] Condensate [ ]

Other *(Please explain)*

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee	Lease No.
Jicarilla Apache	17	So. Blanco Pictured Cliffs	Tract 251	000154

Location
Unit Letter H ; 1,850 Feet From The North Line and 790 Feet From The East

Line of Section 34 Township 26N Range 5W , NMPM, Rio Arriba County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil [ ] or Condensate [ ]	Address *(Give address to which approved copy of this form is to be sent)*
None	No Liquids Produced
Name of Authorized Transporter of Casinghead Gas [ ] or Dry Gas [X]	Address *(Give address to which approved copy of this form is to be sent)*
El Paso Natural Gas Company	P. O. Box 990, Farmington, New Mexico 87401

If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	None				No	

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

V. 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	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
8-13-74	8-22-74	3,180'	3,118'
Elevations *(DF, RKB, RT, GR, etc.)*	**Name of Producing Formation**	**Top /Gas Pay**	**Tubing Depth**
6,614 Gr., 6,625 RKB	Pictured Cliffs	3,018'	2,980'
Perforations			**Depth Casing Shoe**
3,018'-3,044' w/Hyper Jets, .49", 78 Holes			3,172'

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8" 24#	224'	215 Sacks Class "G"
7-7/8"	4-3/4" 16#	3,172'	(800 Sacks HOWCO Lite
	2-3/8" 4.7#	2,980'	(200 Sacks Class "B"

V. TEST DATA AND REQUEST FOR ALLOWABLE

(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)

OIL WELL

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	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1,031	3 Hours	130	-
Testing Method *(pitot, back pr.)*	**Tubing Pressure (Shut-in)**	**Casing Pressure (Shut-in)**	**Choke Size**
Back Pressure	981 Psig	Packer	3/4"

I. 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.

Paul T. Johnson
(Signature)
District Operations Manager
(Title)
NOVEMBER 12, 1974
(Date)

OIL CONSERVATION COMMISSION

APPROVED NOV 18 1974, 19

BY Original Signed by Emery C. Arnold

TITLE SUPERVISOR DIST. #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

Marathon Oil Company
Jicarilla Apache, Well #17
Sec. 34, T26N, R5W
Rio Arriba County, New Mexico

Depth	Deviation
940'	1°
1,392'	1-1/4°
1,690'	1-1/4°
2,200'	1/2°
2,604'	1/2°
2,900'	3/4°

Paul F. Johnson 11/12/74
Paul F. Johnson
District Operations Manager

STATE OF WYOMING)
) ss
COUNTY OF NATRONA)

John B. Einer — Notary Public
County of Natrona
State of Wyoming
My Commission Expires Aug. 3, 1977

Subscribed and sworn to before me this 12th day of November, 1974.

John B. Einer
Notary Public

My Commission Expires: August 3, 1977

NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED NOV 15 OIL CON. COM. DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special						Test Date: 10-16-74	
Company: Marathon Oil Company				Connection			
Pool				Formation: Pictured Cliffs			
Completion Date		Total Depth		Plug Back TD: 3118	Elevation	Farm or Lease Name: Jicarilla	
Csg. Size: 4 3/4	Wt.: 16.0	d	Set At: 3172	Perforations: From 3018 To 3044		Well No.: 17	
Tbg. Size: 2 3/8	Wt.	d	Set At: 2980	Perforations: From To		Unit: H Sec.: 34 Twp.: 26N Rge.: 5W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single gas				Packer Set At: 2980		County: Rio Arriba	
Producing Thru: Tubing	Reservoir Temp. °F		Mean Annual Temp. °F	Baro. Press. – P_a: 12.0		State: New Mexico	
L	H	Gg	% CO_2	% N_2	% H_2S	Prover: X	Meter Run	Taps

FLOW DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	Shut in				981		Pkr		
1.	2 x 3/4"				75	60	"		
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.3650		87	1.000	.9608		1039
2.							
3.							
4.							
5.							

NO.	P_r	Temp. °R	T_r	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 993 P_c^2 986049

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		94	8836	977213
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0090$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0076$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1047$

Absolute Open Flow 1047 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Tefteller, Inc.	N. Tefteller	P. T. Patterson