

TEFTELLER, INC.

reservoir engineering data

Associated with *Dennis Owens Co.*

MIDLAND, TEXAS / FARMINGTON, NEW MEXICO

P. O. Box 5247
Midland, Texas 79701

April 26, 1967

Marathon Oil Company
Post Office Box 97
Hofaden, Wyoming

RECEIVED

MAY 4 1967

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Attention: Mr. P. F. Patterson

Subject: Absolute Open Flow and Packer
Leakage Measurements
Jicarilla Apache No. 13
Basin Dakota and South Blanco
Pictured Cliffs Field
Rio Arriba County, New Mexico
Our File No. 2-2172-AOF

Gentlemen:

Attached hereto are the results of absolute open flows and packer leakage measurements which were made on the above captioned well March 24 through April 8, 1967.

The data presented are in tabular and graphical form. Form C-122 and Packer Leakage are attached.

It has been our pleasure to have conducted this service for you. If we may be of further assistance, please feel free to call us at anytime.

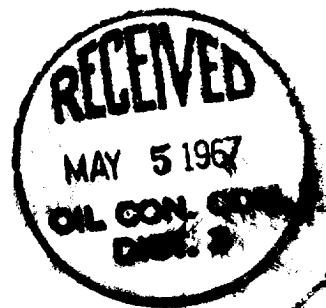
Respectfully submitted,

TEFTELLER, INC.

Neil Tefteller
Neil Tefteller

NTec

Attach.



Serving the Permian Basin & Rocky Mountain Area

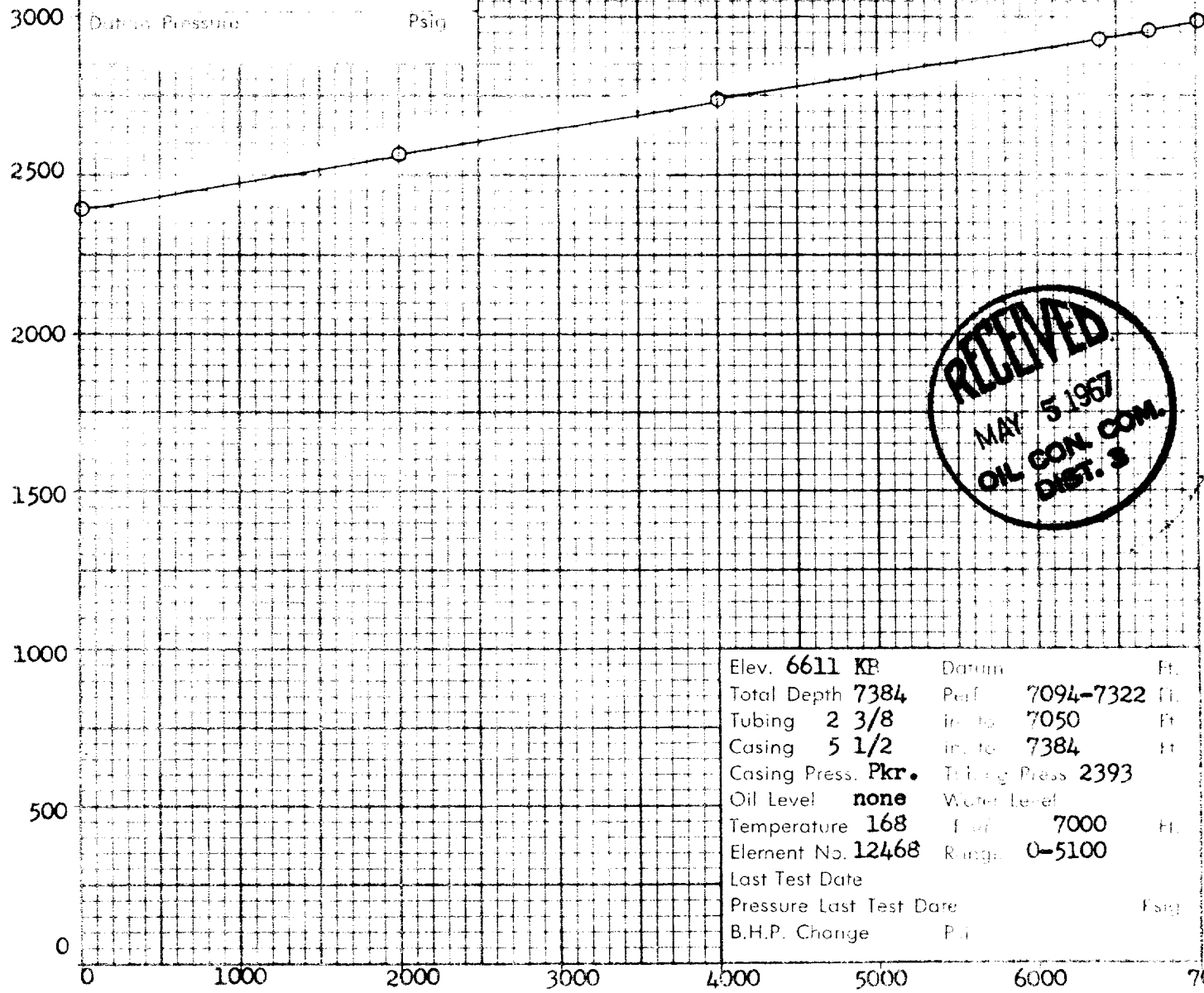
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Company MARATHON OIL COMPANY Lease JICARILLA APACHE Well No. 13
Field BASIN DAKOTA County RIO ARriba State NEW MEXICO
Formation DAKOTA Test Date APRIL 8, 1967

Status of Well Shut in 9 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	2393	
2000	2567	0.087
4000	2741	0.087
6400	2927	0.078
6700	2951	0.080
7000	2976	0.083
7208 Mid-Perf	2993	0.083

PRESSURE POUNDS PER SQUARE INCH GAUGE



Elev. 6611 KB	Datum	Ft.
Total Depth 7384	Perf	7094-7322 Ft.
Tubing 2 3/8	into	7050 Ft.
Casing 5 1/2	into	7384 Ft.
Casing Press. Pkr.	Tubing Press	2393
Oil Level none	Water Level	
Temperature 168	Fat	7000 Ft.
Element No. 12468	Range	0-5100
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	