

HALLIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY
LOVINGTON, NEW MEXICO

No. MA-795-65

LABORATORY REPORT

Date October 14, 1965

To Marathon Oil Company

Box 220

Hobbs, New Mexico

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Date Received

Well & Lease Sinclair Marathon Fed. #1 Depth Formation

Location	200' bbl	240' bbl	280' bbl	320' bbl	360' bbl
Specific gravity 60/60 °F	1.008	1.007	1.006	1.009	1.008
Color, filtrate	Yellow	Yellow	Yellow	Yellow	Yellow
pH	6.2	6.2	5.6	6.4	6.6
Reactivity 75 °F ppm (mpl)	0.530	0.794	1.52	0.776	0.635
Chlorides, Cl	4,000	3,600	2,900	3,700	3,800
Sulfates, SO ₄	2,500	2,100	850	2,300	2,400
Alkalinity, HCO ₃	730	610	855	975	1,100
Calcium, Ca	880	720	600	830	560
Magnesium, Mg	220	510	100	220	265
Iron, Fe	Nil	Nil	Nil	Nil	Nil
Sodium, Na*	ND	ND	ND	2,390	2,160
Sulfides, H ₂ S	645	525	290	430	710

Remarks

ppm equals Parts per million uncorrected or milligrams per liter
* Includes Potassium as Na.

Laboratory Analyst
Hammack

Respectfully submitted

HALLIBURTON COMPANY

By Rex L. Hammack, Jr.
Rex L. Hammack, Jr., Division Chemist

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