

HALLIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY
LOVINGTON, NEW MEXICO

No. 10-208-65

LABORATORY REPORT

Date October 18, 1965

To Marathon Oil Company
Box 220
Hobbs, New Mexico

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Date Received

Well & Lease Sinclair Marathon Red. #1 Depth Formation Paddock

Location	Field			
	40 bbl	80 bbl	120 bbl	160 bbl
Specific gravity 60/60 °F	1.009	1.010	1.012	1.013
Color, filtrate	Yellow	Yellow	Yellow	Yellow
pH	7.3	7.2	6.4	6.4
Resistivity @ 77 °F ppm (mcl)	1.07	1.03	0.950	0.930
Chlorides, Cl	2,300	2,400	3,100	3,200
Sulfates, SO ₄	2,500	2,600	2,700	2,800
Alkalinity, HCO ₃	245	560	905	1,025
Calcium, Ca	640	720	880	880
Magnesium, Mg	98	195	170	170
Iron, Fe	Nil	Nil	Nil	Nil
Sodium, Na*	2,045	2,150	2,460	2,510
Sulfides, H ₂ S	212	140	355	355

Remarks

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

Laboratory Analyst
Brewer

Respectfully submitted
HALLIBURTON COMPANY
By Rex L. Hammack, Jr.
Rex L. Hammack, Jr., Division Chemist

cc: L.G. Moffatt

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