

LABORATORY REPORT
ON WATER ANALYSIS

MARATHON OIL COMPANY

Sinclair Marathon Federal,
Well No. 1, Eddy County,
New Mexico

Formation: Paddock

	<u>400</u> <u>Bbls.</u>	<u>430</u> <u>Bbls.</u>
Specific Gravity 60/60 °F	1.010	1.010
Color, filtrate	Yellow	Yellow
pH	6.0	6.1
Resistivity @ 75 °F ppm (mpl)	0.68	0.682
Chlorides, Cl	2,900	2,900
Sulfates, SO ₄	3,200	3,000
Alkalinity, HCO ₃	1,025	1,040
Calcium, Ca	800	880
Magnesium, Mg	265	195
Iron, Fe	NIL	NIL
Sodium, Na*	-	-
Sulfides, H ² S	375	375

* Includes Potassium as Na.