



WATER ANALYSIS REPORT



BOX 4513
ODESSA, TEXAS 79760

TECH SERVICE LABORATORY: Odessa, Texas Phone (915) 337-0055 & 563-0863

RESEARCH LABORATORY: Houston, Texas Phone (713) 431-2561

PLANT: Odessa, Texas Phone (915) 337-0055

REPORT FOR	Cecil Brewer	DATE SAMPLED	6/6/86	6/9/86
CC	Skidmore	DATE REPORTED		
CC		FIELD, LEASE, OR WELL	S V State 16 #1	
CC		COUNTY		STATE N.M.
COMPANY	Maralo, Inc.	FORMATION		
ADDRESS		DEPTH		
SERVICE ENGINEER	Cecil Brumley	SUBMITTED BY	Cecil Brumley	

CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Field, Lease, or Well

Chemical Component	6/6	#1 6/9	#2 6/9	#3 6/9	#4 6/9
Chloride (Cl)	16000	23000	51000	39000	30000
Iron (Fe)	14.6	75.4	237.6	221.2	221.2
Total Hardness (CaCO ₃)	4400	13900	62300	37000	28500
Calcium (Ca)	1160	4040	16000	10400	7560
Magnesium (Mg)	364	923	5419	2673	2333
Bicarbonate (HCO ₃)	500	268	0	0	73
Carbonate (CO ₃)	0	0	0	0	0
Sulfate (SO ₄)	1625	1825	1425	1375	1425
Hydrogen Sulfide (H ₂ S)	1.0	1.5	3.4	1.9	2.2
Specific Gravity	1.021	1.028	1.056	1.045	1.035
Density, lb/gal. TDS	28960	39547	78952	62374	48448
pH - Beckman (X) Strip ()	6.6	5.9	4.4	5.0	5.4
Sodium	9310	9490	5108	8926	7056
Scaling Index					
CaCO ₃ @ 86F	-0.19	-0.71	-4.00	-3.70	-1.57
CaCO ₃ @ 158F	+0.98	+0.46	-2.82	-2.54	-0.40
CaSO ₄	negative	positive	positive	positive	positive

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

REPORTED BY

Randolph Scott
Randolph Scott

TITLE

Chemist