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WATER ANALYSIS REPORT

 BOX 4513
 ODESSA, TEXAS 79760

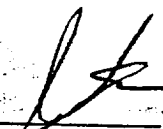
 TECH SERVICE LABORATORY: Odessa, Texas Phone (915) 337-0055 & 563-0863
 RESEARCH LABORATORY: Houston, Texas Phone (713) 431-2561
 PLANT: Odessa, Texas Phone (915) 337-0055

REPORT FOR	<u>Chuck Blevins</u>	DATE SAMPLED	<u>-----</u>
CC	<u>Steve Cooper</u>	DATE REPORTED	<u>11/7/85</u>
CC	<u>Skidmore</u>	FIELD, LEASE, OR WELL	<u>as listed</u>
CC		COUNTY	STATE <u>N.M.</u>
COMPANY	<u>Chevron USA DBA Gulf E&P</u>	FORMATION	<u>Cisco Canyon-Wolfcamp CL&R/S.A. ABE</u>
ADDRESS		DEPTH	
SERVICE ENGINEER	<u>Cecil Brumley</u>	SUBMITTED BY	<u>Chevron</u>

CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Chemical Component	Field, Lease, or Well				
	CL&R Bty. Aug. 85	Lea ABE #1 Halliburton DST	10% CL&R 90% ABE	50/50	10% ABE 90% CL&R
Chloride (Cl)	85000	15000	22000	50000	78000
Iron (Fe)					
Total Hardness (Ca CO ₃)					
Calcium (Ca)	4520	1750	2027	3135	4243
Magnesium (Mg)	267	60	81	164	246
Bicarbonate (HCO ₃)	85	25	31	55	79
Carbonate (CO ₃)					
Sulfate (SO ₄)	1000	3900	3610	2450	1290
Hydrogen Sulfide (H ₂ S)					
Specific Gravity					
Density, lb./gal.					
pH - Beckman [] Strip []	5.0	6.9	6.71	5.95	5.19
Sodium	49864	9479	13537	29672	45891
Scaling Index					
CaCO ₃ @ 85F	-1.87	-1.0	-1.1	-1.5	-1.8
CaCO ₃ @ 160F	-0.69	+0.17	+0.06	-0.3	-0.6
CaSO ₄	negative	positive	positive	negative	negative

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

 REPORTED BY Joe Edwards  TITLE Tech Service