

WATER ANALYSIS REPORT

COMPANY

SOURCE

Union Oil Company of California

South Vacuum Unit
Well 1-26
Sample point:
Wellhead

Submitted by: Raybon
Sampled by: Raybon
Distribution Center: Midland

Sample date: 6/ 8/82
Analysis Date: 6/17/82
Analysis No.: 20327

SAMPLE ANALYSIS

Appearance: Clear
Sp. Conductivity:
pH: 7.4

42000 micromhos/cm

Color: Colorless
Chem. Treatment: N/A
H2S (Qualitative): Neg.

DEVONIAN WATER

constituent **	ppm	meq/l	method	comment
Sodium (Na+)	8950	389.	icp	
Potassium (K+)	275.	7.0	icp	
Lithium (Li+)	2.7	0.4	icp	
Calcium (Ca++)	1340	65.9	icp	
Magnesium (Mg++)	201.	16.5	icp	
Barium (Ba++)	0.42	0.006	icp	
Strontium (Sr++)	28.0	0.6	icp	
Aluminum (Al+++)	<0.1	-	icp	
Silver (Ag+)	<0.02	-	icp	
Arsenic (As+++)	<0.5	-	icp	
Chromium (Cr+++)	<0.06	-	icp	
Copper (Cu++)	<0.01	-	icp	
Iron (Fe++)	0.12	0.004	icp	
Mercury (Hg++)	<0.1	-	icp	
Lead (Pb++)	<0.2	-	icp	
Antimony (Sb+++)	<2.	-	icp	
Tin (Sn++)	<0.6	-	icp	
Titanium (Ti++++)	<0.01	-	icp	
Zinc (Zn++)	0.071	0.00216	icp	
Boron (B) ***	4.24	1.18	icp	
Phosphate (PO4---)	<0.5	-	icp	
Chloride (Cl-)	16000	451.	titr	
Sulfate (SO4--)	1730	36.0	turb	
Bicarbonate (HCO3-)	508.	8.3	titr	
Carbonate (CO3--)	<1.	-	titr	
Silica (SiO2)	70.0	-	icp	

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