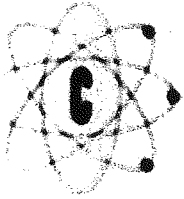


006797

Edman Bergeron Scott
SN 07534
Anse la Butte Fld.
St Martin Parish, LA.



SENTRY INTERNATIONAL, INC.

812 RENAUD DR. (Hwy. 723)
SCOTT, LOUISIANA 70583

TELEPHONE
318/232-1262

Water Analysis

Sample Description: **EDMAN BERGERON SMD PUMP DISCHARGE**

Company: **GREAT SO. OIL AND GAS** Sampling Date: **10/14/88**

Field: **ANSE Le BUTTE** Posting Date: **10/19/88**

Sample Temperature **80 F**

Concentration mg/l meq/l pH **6.70**

Sodium 44045.3 1915.9 Specific Gravity at 72 F 1.0800

Calcium 2650.0 132.2

Magnesium 1579.0 129.9 Organic Matter 0.0 mg/l

Chloride 27000.0 2171.9 Hydrogen Sulfide 0.0 mg/l

Sulfate 5.0 0.1 Dissolved Iron 0.0 mg/l

Bicarbonate 366.0 6.0 Total Iron 20.5 mg/l

Carbonate 0.0 0.0

Barium 0.0 0.0

Strontium 0.0 0.0

Total 125,645.3 Ionic Strength 2.41935

System Pressure . 14.7 psi

CO2 Pressure 1.0 psi

Comments

TO: R. LAFARGE
CC: R. BLOCK, R. LANDRY, FILE

NOTE: BARIUM CONTENT: POSITIVE

Attchment #6

Scale Calculation Results

Sample Description: EDMAN BERGERON SMO PUMP DISCHARGE
 Company: GREAT SO. OIL AND GAS Field: ANGE Le BUTTE

pH = 6.70

The temperature is ranged from 80.0 to 125.0 in steps of 5.0
 Calculation Method: CaSO₄ - Skillman, McDonald and Stiff

Temperature	Scale Index	lbs/1000 bbls
80.00	-2.94	-1465.7
85.00	-2.94	-1466.4
90.00	-2.94	-1467.1
95.00	-2.94	-1467.8
100.00	-2.94	-1468.5
105.00	-2.93	-1457.4
110.00	-2.93	-1452.2
115.00	-2.93	-1446.9
120.00	-2.93	-1441.7
125.00	-2.93	-1438.4

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Scale Calculation Results

Sample Description: EDWAN BERGERON SMD PUMP DISCHARGE
Company: GREAT SO. OIL AND GAS Field: ANSE Le BUTTE

pH = 6.70

The temperature is ranged from 80.0 to 125.0 in steps of 5.0

Calculation Method: CaCO₃ - Stiff and Davis

Temperature Scale Index lbs/1000 bbls

80.00	0.11	42.3
85.00	0.17	64.0
90.00	0.23	81.1
95.00	0.28	95.9
100.00	0.34	109.1
105.00	0.39	120.9
110.00	0.45	132.1
115.00	0.51	141.9
120.00	0.57	150.5
125.00	0.66	160.7