

Company: MERIDIAN
Address:
Attention: BARRY WIELAND
Date Sampled: 8-29-86

Report No: 13
Date: 9-2-86
County: RIO ARRIBA
Field:
Formation: OJO ALAMO
Lease: S.J. 30-6
Well: 58A

WATER ANALYSIS

Specific Grav: 1.005
Chloride: 2,100 mg/l High
Bicarbonate: 2.075 mg/l good
Sulfate: 5,100 mg/l ok
Sulfide: 0.
Total Hardness
(as CaCO₃): 1,541 mg/l
Resistivity: 1.05
Potassium: 150 mg/l

pH: 7.55 *don*
Calcium: 557 mg/l -
Magnesium: 36 mg/l -
Total Iron: 3 mg/l
Sodium: 3.767 mg/l -
Total Disslvd
Solids: 13.806 mg/l -
Onm Meters @: 60 F
Carbonate: N D

Sample Source:

Remarks: 1274 BLS SWABBED

Analyst: M. CONREY
Smith Representative:

BEFORE EXAMINER CATANACH	
OIL CONCENTRATION DIVISION	
EXHIBIT NO.	6
CASE NO.	9401

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSES

ANALYSIS NO.: 1-12046
OPERATOR: MERIDIAN OIL
LOCATION: 31-30-6
FIELD: CEDAR HILL

SAMPLED FROM: TUBING-WHILE SWABBING (7:15)

DATE SAMPLED: 8-27-86

TUBING PRESSURE:

SURFACE CASING PRESSURE:

DATE: SEPTEMBER 3, 1986

WELL NAME: SAN JUAN 30-6 #38A

COUNTY RIO ARriba STATE: NEW MEXICO

FORMATION: OJO ALAMO

SECURED BY: BARRY WEILAND

CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	5	13.1	2620		
P ALKALINITY	5	0	0		
BICARBONATE	5	13.1	2620	3196	52.42
CARBONATE	5	0	0	0	0.00
CHLORIDE	10	14.3		1430	40.33
SULFATE				5004	104.08
TOTAL HARDNESS	10	7.6	760		
CALCIUM	10	6.4	640	256	12.80
MAGNESIUM	10	1.2	120	29	2.42
IRON				PRESENT	
SODIUM (CALCULATED)				4177	181.61
H ₂ S					
HYDROCARBONS					
TOTAL DISSOLVED SOLIDS				12850	
pH				6.8	
SPECIFIC GRAVITY			1.0126 AT 76F		
RESISTIVITY			61 OHM-CM AT 25C		
CONDUCTIVITY			16300 MICROMHOS @ 25C.		

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

cc: R. A. ULLRICH
J. D. EVANS
J. L. GREEN
W. F. LORETT
FILE

DENNIS BIRD

CHEMIST GCK

GCK 1/86

