

BURLINGTON RESOURCES

SAN JUAN DIVISION

May 6, 2003

cd
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Sirs:

It is intended to move approximately fourteen loads of drilling water from the:

San Juan 30-6 Unit #444S, located at 1265' FNL, 1725' FWL, Sec. 36 T-30-N, R-6-W
State Lease E-347-22, API number 30-039-27258.

to:

Cat Draw Com #101S, located at 2445' FNL, 1970' FEL, Sec. 4, T-30-N, R-5-W
Federal Lease NMNM-4456, API number 30-039-27303.

A copy of the water sample is attached

Verbal approval received from Charlie Perrin, Oil Conservation Division on May 6, 2003

Sincerely,

Peggy Cole
Peggy Cole
Regulatory Supervisor

xc: cds
BLM





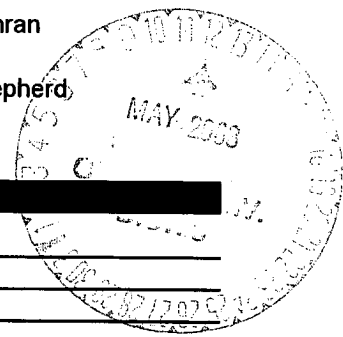
BJ SERVICES

Farmington District Lab Water Analysis Report

Test # FW03-0078

Customer/Well Information

Company: Williams	Date: 5/2/2003
Well Name: Rosa # 149B	Prepared for: Ron Cochran
Location:	Submitted by:
State: San Juan County, NM	Prepared by: Dave Shepherd
Formation: Dakota	Water Type: Produced
Depth: ft	



Background Information

Reason for Testing: Routine Water Analysis

Completion type: _____

Well History: _____

Comments: _____

Sample Characteristics

Sample Temp: 73 (°F)	Viscosity: 1 cp
pH: 6.45	Color: Clear
Specific Gravity: 1.000	Odor: None
S.G. (Corrected): 1.003 @ 60 °F	Turbidity: None
Resistivity (Calc): 1.80 Ω-m	Filtrates: None

Sample Composition

CATIONS

	mg/l	me/l	ppm
Sodium (calc.)	1188	51.7	1188
Calcium	80	4.0	80
Magnesium	15	1.2	15
Barium	0	0.0	0
Potassium	52	1.3	52
Iron	10.00	0.4	10.00

ANIONS

Chloride	600	16.9	600
Sulfate	780	16.2	780
Hydroxide	0	0.0	0
Carbonate	< 1	---	---
Bicarbonate	1562	25.6	1562

SUMMARY

Total Dissolved Solids(calc.)	4234	4234
Total Hardness as CaCO3	260	5.2

Scaling Tendencies

CaCO3 Factor	125240.3	Calcium Carbonate Scale Probability --> REMOTE
CaSO4 Factor	62556	Calcium Sulfate Scale Probability -----> REMOTE

