



DOME PETROLEUM CORP.

2900 DOME TOWER
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March 9, 1982

J. D. Ramey
Secretary Director
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Leggs Water Disposal
Application

File: WF

Gentlemen:

Attached is the most recent water analysis from Santa Fe Leggs No. 1. The water quality is better then previously seen. This should make the case for water disposal even more favorable.

Very truly yours,

DOME PETROLEUM CORP.

M. I. Chorán
Sr. Reservoir Engineer



Murray

MIC:jp

Attch.

cc: Frank Chavez
District Office for
NW New Mexico
Aztec, New Mexico

Bureau of Indian Affairs
Navajo Area Office
Window Rock, Arizona

Chaco Culture National
Historical Park
Broomfield, New Mexico

Core Laboratories, Inc.
3428 Stanford Dr., N.E.
Albuquerque, New Mexico 87107
Phone: 505-884-1411

File W82065

Company Dome Petroleum Corp. Well Name Santa Fe Leggs No. 1 Sample No. #1
Formation Entrada SS(Water) Depth _____ Sampled From _____
Location _____ Field Santa Fe Leggs County _____ State New Mexico
Date Sampled 01/27/82 Date Analyzed 02/26/82 Analyst J. F. Ashby

Total Dissolved Solids 7469 mg/L (calculated) Specific Gravity 1.005 @ 77 °F
Resistivity 0.794 ohm-meters @ 77 °F (measured) Hydrogen Sulfide Positive
pH 8.0 @ 77 °F

Constituents	mg/L	meq/L
Sodium (calc.)	2270	98.74
Calcium	76.0	3.79
Magnesium	8.8	0.72
Iron	0.06	0.00
Potassium	11.0	0.28

Constituents	mg/L	meq/L
Chloride	<0.1	
Bicarbonate	553.0	9.97
Sulfate	4550	94.79
Carbonate	<0.1	-
Hydroxide	<0.1	-

