

C-31-300-64

MERIDIAN OIL

October 1, 1986

Mr. R. L. Staments
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

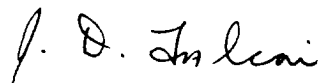
Re: → San Juan 30-6 Unit #58A Disposal Well

Dear Mr. Staments:

Attached is an analysis of a step-rate injectivity test on the subject well which was conducted by Meridian Oil Inc. on August 15, 1986. This test was witnessed by Mr. Charlie Gholson and Ms. Karen Baird of your Aztec office.

This information is being submitted as back-up data to our request for a maximum injection rate and pressure of 5760 barrels of water per day at 720 psig, respectively as shown on Attachment #4 of our application.

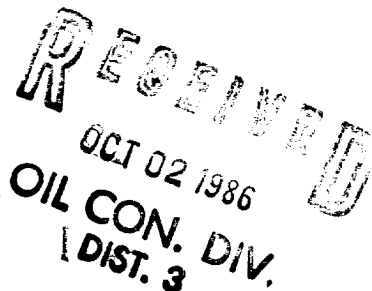
Sincerely,



James D. Falconi
Drilling Engineer

JDF:pd

cc: Mr. Frank Chavez

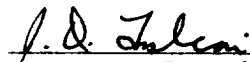


To: Mr. C. W. Dein
From: J. D. Falconi

Date: October 1, 1986
Location: Farmington, NM

Subject: San Juan 30-6 Unit #58A
Step-Rate Injection Test

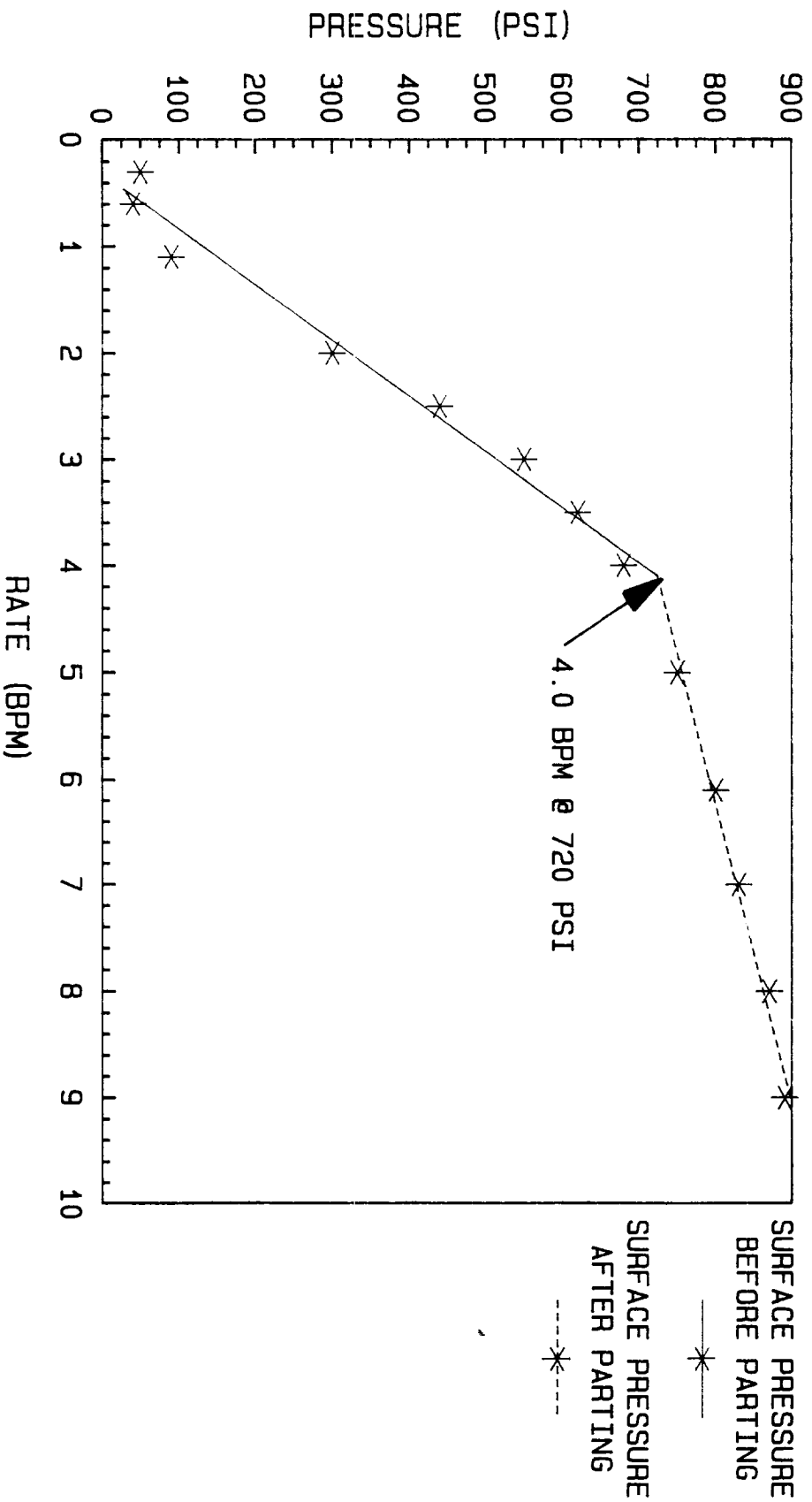
Attached is an analysis of the data from the step-rate injection test on the subject well. This test was conducted August 15, 1986 by L. Fothergill and witnessed by Mr. Charlie Gholson and Ms. Karen Baird of the New Mexico Oil Conservation Division. In accordance with New Mexico Oil Conservation Division rules, fluid was injected for a minimum of fifteen minutes at various rates. Results of the test indicate a maximum injection rate of 4.0 BPM (5,760 BWPD) at 720 psig surface pressure.


J. D. Falconi

JDF:pd

cc: L. Fothergill
D. R. Harris
M. S. Manson
D. C. Walker

SAN JUAN 30-6 UNIT #58A DISPOSAL WELL



STEP-RATE TEST RUN 08-15-86
WITNESSED C. GHOLSON & K. BAIRD (NMOCB)
FRICTION PRESSURE ASSUMED NEGLIGIBLE

INJECTION DATA

Data Set #1

Surface pressure before parting

Rate(BPM) Pressure(psiq)

0.3	50
0.6	40
1.1	90
2.0	300
2.5	440
3.0	550
3.5	620
4.0	680

Data Set #2

Surface pressure after parting

Rate(BPM) Pressure(psiq)

5.0	750
6.1	800
7.0	830
8.0	870
9.0	890

NOTE: Friction pressure is assumed to be negligible.

Regression Data				
Data Set	Regression Type		R ²	Slope
	linear	linear		
#1			0.980	191.2
#2			0.985	35.4
				- 60.0
				579.5
				Y-intercept