

THE WESTERN COMPANY



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O.C.C. OFFICE

Form PS-8 (Rev. 11/66)

"Engineered Well Services"

GENERAL OFFICES - FORT WORTH, TEXAS
TREATMENT REPORT

DATE: 7/9/74		Field Receipt No. 87571		Stage No. 1	
Operator Jack Grynberg Associates		Lease GR Fed.		Well No. 2	
Field Eagle Creek		Location 28-178-25E		County Eddy, State New Mexico	
WELL DATA:					
New Well	X	Old Well		Depth TD 1500	Formation San Andres
Size Tubing		Tubing Perf.		Type Packer	Set At
Size Casing	4 1/2"	Wt.	9.5#	Set From 0	To 1500
Size Liner		Wt.		Set From	To
Open Hole: Size				From	To
Casing Perfs: Size	.375	No. Per Ft.		Intervals 1232 - 1378	21 Holes
Previous Treatment			Prior Production		
TREATMENT DATA:			CAPACITIES & FLUID PUMPED:		
Hole Loaded With KCL Water			Tubing Cap.		
Treating Agent 80,000 Gallons Gelled 1% KCL, 2500 Gallons 15% Acid			Casing Cap. 21.6		
Propping Agent 64,000# 20/40 Sand, 16,000# 10/20			Annular Cap.		
Auxiliary Materials 6800# KCL, 40 Gallons Aqua Flow, 1600# J-2, 300# F-11			Open Hole Cap.		
Bell Sealers: in Stages of			Fluid to Load		
HMP Used 4 Precmaster's 1111			Pad Volume 178		
Procedure Acidize and Fracture Casing Perfs via Casing with 80,000			Treating Fluid 1811		
Gallons Gelled 1% KCL			Flush 21.6		
			Overflush 89.4		
			Total to Recover 2100		

Time AM	Treating Pressure - Psi	Bbl Fluid Pumped	Inj. Rate BPM	REMARKS -
	Tubing Casing			
10:51		4000	44	Start Acid and Breakdown.
10:53		3750	44	All Acid, Start Pad.
11:06		3900	238	All Pad, Start Frac @ 1/4# 20/40.
11:07		3900	392	Start 1/2#.
11:10		3900	509	Start 3/4#.
11:11		3900	584	Start 1#.
11:13		3900	671	Start 1 1/4#.
11:15		3900	787	Start 1 1/2#.
11:19		3900	910	Start 2#.
11:29		3750	1361	All 20/40, Start 1/4# 10/20.
11:32		3750	1471	Start 1/2# 10/20, Increase to 1 1/2# in 420 Barrels.
11:43		3600	1989	All Frac, Start Flush.
11:45		3600	2100	Flush Complete.

Treating Pressure: Min. 3600 Max. 4000 Avg. 3750
 Inj. Rate On Treating Fluid 49
 Inj. Rate On Flush 56
 Avg. Inj. Rate 49 1/2
 I.S.D.P. 1100 Type Fluid 2% KCL
 Final Shut-in Pressure 700 in 15 min.
 Operator Maximum Pressure 4000

Customer Representative Mr. Jim McWilliams
 Western Representative Jim Breeding
 Distribution
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