

CHEMICAL PROCESS

DIVISION OF BJ SERVICE, INC.

TREATMENT LOG

Acid Stage No. **1**

Date **3-14-57** District **Hobbs** F. O. No. **1640**

Company **Howell Grimes** Well No. **1**

Fee **Levis God's House of Prayer** State **New Mexico**

County **Lea** Field **Wildcat**

Location _____

Casing: Size **5 1/2** Type & Wt. **14 15.5** Set at _____ ft.

Perforated From **3910** ft. to **3916** ft.

From **3922** ft. to **3926** ft.

From **3931** ft. to **3939** ft.

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: Yes/No _____ Perforated From _____ ft. to _____ ft.

Tubing: Size **2 1/2** Swung at **3995** ft.

Perforated From _____ ft. to _____ ft.

Formation: **Queen Sand**

Open Hole Size _____ T.D. _____ ft. P.B. to **3977** ft.

Type Treatment: Amt. **500** Bbl./Gal. **15.5**

Bkdown **10,000** Bbl./Gal. **1.0**

Flush **3910** ft. to **3916** ft. No. ft. **6**

Treated From **3922** ft. to **3926** ft. No. ft. **4**

From **3931** ft. to **3939** ft. No. ft. **8**

Calculated Volume to: Load Hole **90** Bbl./Gal. Reach Form **23** Bbl./Gal.

Actual Oil/Water to Load Hole: **90** Bbl./Gal.

Pump Trucks. No. Used: Std. _____ Sp. _____ Twin **2**

Auxiliary Equipment _____

Packer: **Sweet** Set at **3995** ft.

Auxiliary Tools **HT**

Plugging or Sealing Materials: Type _____ Gals. _____ lb.

Company Representative		Grimes		Treater		McKinney	
TIME M.	PRESSURES		FLUID PUMPED DATA 1000 BL.				REMARKS
	TUBING	CASING	TOTAL FLUID PUMPED	FLUID IN FORMATION	PUMPED PER TIME PERIOD	PUMPED PER MIN.	
							Spot acid over perf
							pull tubing above perf
							St. Breakdown down tubing
							Shut down - Max press
							Start pump again - Tubing
							shut down
							Keep pressure to Max. press. by
							Alt. Tubing & Casing Pumps
							Shut down to run packer
							Packer set
							Pressure annulus
							Start Pump down tubing for
							breakdown slow
							Break - Speed Pumps
							Start Sand
							Slow Pumps
							Brac in - Start Flush
							Flush in- Shut down
							Shut down pressure
							Shut in pressure
							240 Bbls. Brac
							12 " Acid
							73 " Flush & Tubing Load
							325 Bbls. Total