

Phillips Oil Company

B-4458 State Well No. 3 Eddy County, N.M.

PERFORATION RECORDS: 2556-62 (12 shots), 2579-90 (22 shots), 2598-2600 (4 shots), 2707-14 (14 shots), 2781-84 (6 shots), 2832-36 (8 shots), 2894-96 (4 shots), 2931-32 (2 shots), 2973-74 (2 shots), 2992-94 (4 shots), 3111-13 (4 shots), cast iron bridge plug set @ 3200', 3334-38 (8 shots), 3390-98 (16 shots), 3447-67 (40 shots), 3472-77 (10 shots), 3481-82 (2 shots), 3494-3504 (20 shots), 3508-10 (4 shots), 3533-50 (34 shots), 3687-97 (20 shots), 3702-04 (4 shots), 3723-25 (4 shots), 3728-30 (4 shots), 3754-58 (8 shots), 3772-82 (20 shots), 3785-95 (20 shots), 3802-04 (4 shots), 3810-12 (4 shots), 3821-34 (26 shots), 3837-39 (4 shots). Total of 334 3 3/8" shots.

Acid, shot, fracture, cement squeeze, etc:

3687-3839': 6500 gals. of 20% NEFE
3334-3550': 7000 gals. 20% NEFE HCL
2781-3113': 1500 gals. NEFE HCL
2556-2714': 2250 gals. 7.5% NEFE HCL
2556-3113': 39000 gals. w/51,000# 20/40 sand and 27000# 10/20 mesh sand