

Ran 2-3/8" O.D. tubing equipped with cementing stinger. Squeeze cemented previously uncemented perms, between 3627' and 3659', and new squeeze holes, from 3683' to 3699', with a total of 450 sx of API Class-C cement containing 2% CaCl<sub>2</sub>. Displaced cement with 10.22 bbls of 2% KCl water. Final displacement rate was 0.2 BPM, at 3103 psi. ISIP = 3065 psi. Under displaced by 3.45 bbls (14.7 sx).

Pulled 2-3/8" O.D. tubing. Removed stinger tool.

Ran 2-3/8" O.D. tubing and 124.01' bottom-hole drilling assembly. Tagged cement at 3301'. Cleaned out excess cement, from 3301' to 3456'. Circulated hole, with foam, for 30 minutes. Pulled bottom-hole drilling assembly.

Rigged up Capitan Corporation. Perforated Eumont (Queen) with (30) 0.44" x 23" holes, with one shot each at:

3224	3278	3354	3380	3397	3461
3226	3284	3360	3381	3399	3465
3233	3289	3365	3390	3451	3496
3234	3291	3367	3393	3453	3515
3236	3352	3376	3395	3459	3517

Ran 7" Model "C" RBP and 7" Model "C" packer. As follows, acidized both old and new Eumont perms, from 3224' to 3468' (340 holes), in three stages, with 8000 gal of 15% MCA acid and 560 ball sealers:

Stage	Interval	No. Of Holes	Total Acid	Ball Sealers	Avg Rate BPM	TP <sub>av</sub> (psi)	TP <sub>mx</sub> (psi)	ISIP (psi)
1	3440-3468'	118	1850	180	6.0	2900	3500	1550
2	3347-3397'	213	4300	380	5.6	3100	3880	1224
3	3224-3291'	9	1850	18	3.8	3100	3500	2400

Balled out on all three stages.

Pulled 7" Model "C" packer and 7" Model "C" RBP.

Ran 2-3/8" O.D. tubing and 124.01' bottom-hole drilling assembly. Hooked up air unit. Unloaded acid water from hole. Shut in well for overnight buildup. On 2-11-01, 13.5 hr SICP = 32 psig.

Using foam, drilled retainer, at 3565', and cement, from 3567' to 3627'. Did not drill cement covering old previously uncemented perms, between 3627' and 3659'. Circulated hole with foam, for 0.5 hrs, and with air, for 1.0 hr. Pulled bottom-hole drilling assembly. New PBTD at 3627'.

Ran 2-3/8" O.D. tubing. Landed tubing at 3577' (110 jts @ 32.36'/jt + 1.1' SN + 18' MA - 2' AGL = 3576.70').