

Attachment – North Hobbs G/SA Unit No. 521  
Section 33, T-18-S, R-38-E  
Lea Co., NM

7/22/99 – 7/26/99:

MI x RU. Drill down to DV tool @ 3487'. Drill out DV tool x drill down to 4360'. RU x run Halliburton cement evaluation tool from 3350' to 4351' and found TOC @ 3976'. Run production logs from 3400' – 4350'. RD and suspend operations.

9/13/99 – 9/22/99:

RUPU. RIH w/4" casing guns x shoot 4 way squeeze shots @ 3790'. Did not get circulation x decide to do foam cement job. RIH w/5-1/2" EZ Drill CICR x set @ 3840'. Mix x pump 300 sx. Cl. C Neat cement. Reverse circulate clean. Mix x pump additional 150 sx. Cl. C Neat cement. Reverse clean, did not get squeeze. RIH w/4-3/4" bit, drill out top slips on CICR, and push retainer down to 3974' (cement fell out at 3999'). Run CBL, VDL, CCL, & GR log from 3130' – 4346' and find TOC @ 3212'. RU wireline x perf at 4104' – 24', 4130' – 44', 4156' – 72', 4182' – 88', 4195' – 99', 4206' – 10', 4218' – 20', and 4247' – 60'. RIH w/5-1/2" RBP x set @ 4288'. Acidize 4104' – 4260' w/9100 gal. 15% NEFE HCL. Swab well. TIH w/ESP and 127 jts. 2-7/8", J-55 production string (tbg. set @ 3997'). RD x turn well over to operations for testing.

Note: Completion Report and C-104 to follow.

