

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

- 1-5-78 Ran 3 3/4" bit and tagged cement at 293'. Drilled cement 293-412' (119'). Ran bit to 483' and circulated hole clean. Pressured csg. to 700# O.K.
- 1-6-78 Ran retrieving tool, could not get below 316'. Ran bit and scraper and reamed cement 316' to 412'. Ran bit and scraper to 675'. Circulated hole clean and tested csg. to 700#. Pressure fell to 200#. Halliburton pumped 5 bbls. water into 4 1/2" csg. holes 370' to 480' at 1 3/4 BPM, 750#. Howco pumped 50 sxs 50/50 Cal Seal cement (25 sxs Cal Seal and 25 sxs Class "H" cement. Displaced cement to 292' with 4 3/4 bbls. water and pressures from 500# to 1000#. Shut down for 3 mins. Repressured to 1200#. Cement locked up. WOC.
- 1-7-78 Ran 3 7/8" bit and scraper and tagged top of cement at 292'. Drilled cement 292-402' (110'). Ran bit to 492'. Circulated hole clean. Pressured csg. to 500# with slow leak. No flow back.
- 1-9-78 Ran retrieving tool, circulated sand off BP at 2038'. Pulled tbq. and BP. Ran 117 jts. 2 3/8" OD EUE 8R tbq. with tail pipe set 3600-3630', anchor 3597-3640', SN at 3596'. Ran 2 x 1 1/2 x 18 pump and set at 3596'.
- 1-10-78 Pumping and testing.
- 1-23-78 POB 24 hrs. 9 x 120 SPM. 0 BO and 232 BW.
- 1-24-78 Pulled rods and tubing.
- 1-25-78 Run and set Loc-Set pkr. at 3441'. Pumping and testing.
- 2-4-78 Raised pkr. and set at 3411' (31'). Pumping and testing.
- 2-20-78 POB 24 hrs. 5 BO and 187 BW. Waiting on results of offset completion in deeper pay.