

- 9-30-80 Logging. 9655. Day 36. Lime. MW 10, Vis 40, WL 11.2, WG 1/32, pH 9, Cl 100,000, Solids 6%, Bit 10, 7 7/8", Reed, HPSM, In 9412 out 9655' WOB 45,000# @ 55 rpm, PP 1400 psi @ 52 spm. Drlg 6 hrs, Trip 4 hrs, Rig up loggers 1/2 hr, Logging 8 3/4 hrs, Circ & cond hole 4 3/4 hrs, TD @ 11 PM MDST 9-29-80, 42 sx c mud 2 sx caustic, 6 drispak, 19 dextrid, circ hole & spotted 60 viscosity pill on btm. POH f/logs, 116 jts 5 1/2 17# N 80 LT&C from Odessa yard & 73 jts 5 1/2 17# K55 LTC Lone Star Csg (3014.50') 9949.68' thrds off. Csg on location 247 jts. Ruff coated 9 jts, 355.61', sand blasted 125.26, btm 3 jts, Rigged up Welex & ran logs, Log TD 9649'. have run dual guard log, preparing to run porosity logs.. Progress 75, Cost \$330,965.23
- 10-01-80 Day 37. 9655'. Laying Down Drl Pipe. Lm. MW 10, Vis 40, WL 11.2, WC 1/32, pH 9, Cl 100,000, Solids 6%. PP 800 psi @ 44 spm. Trip 3 1/2 hrs, Logging 15 hrs, Circ 2 hrs, Laying down Drl Pipe 3 1/2 hrs, Rap Comp. Density, Neutron, Gamma Ray, Caliper logs. Ran bit back to btm & circ hole & started out of hole laying down drl pipe. Progress 0 Cost \$355,158.73
- 10-02-80 Day 38. TD 9655'. Rig released. Lm. MW 10.0, Vis 40, WL 11, WC 1/32, pH 9, Cl 100,000, Solids 6% Slope test 9655' @ 1 3/4". Lay down drl pipe & drl collars 4 hrs, RU csg tools 1 hr, run csg 7 1/2 hrs, cmtg 1 1/2 hrs, Circ 3/4 hrs, Cut off & ND 3 1/2 hrs, & clean pits. Ran 240 jts 5 1/2" 17# K55 N80 LT&C csg, 73 jts 17# K55 (2969.04') & 167 jts N80. Set 9638' @ 9655' KBM. Ruff coated 9 jts, 9171.80 to 9527.41', 12 centralizers & 24 cable wipers, 1 cmt basket jt 14 @ 9032' & 1 basket on jt 19 @ 8890', manual float collar cmtg 500 gals mud flush followed w/425 sx Halliburton lite & 18% salt & 5/10% CFR 2 & 3% KCL @ 13.2#/gal followed 150sx Class H & 18% salt & 5/10% CFR2 & 3% KCL @ 15.9#/gal. Displaced w/2% KCL fresh wtr w/corrosion inhibitors. PD @ 7:45 PM MDST 10-1-80. Bumped plug 1600 psi. Released rig @ 11:PM MDST 10-1-80. (500 psi over pumping pressure). Released choke pill levelers, mud cleaner separator, mud loggers. Hauled surplus mud back to warehouse, 39 paper, 45 quick seal, 5 soda ash, 12 caustic, 10 brine gel. Cost \$369,983.45
- 10-03-80 Ran temperature inside @ 9578' & top of cmt @ 7390'. Moving out drlg rig
- 10-08-80 Rig still on location, WO roads to dry
- 10-09-80 Roads & location have dried up, rig has moved out
- 10-11-80 Hauled tbg sills to well & installed & flanged up heads. have pulling unit for 10-13-80
- 10-14-80 Moved in & rigged up pulling unit, installed csg & tbg heads. Rigged up Van tool & ran 4 3/4" guage ring to 9584' wireline & ran gamma ray & cement bond log. Cement bond was good across zone of interes. SD & capped well. Received 229 jts 2" N80 new tbg, mill talley 7159.20 & 85 jts 2" N80 used tbg from Odessa yard.