9/10/89  Prepare location for Longyear 600 core rig.  Move in and rig up.

9/11/89  Rig up and spud with 12-1/4" bit.  Drill to 10'.

9/12/89  Drill 12-1/4" hole to 39'.  Set 39' of 9-5/8" casing for conductor pipe.  Rig up air hammer and drill 8" hole to 191'.  Lost partial returns @ 151'.

9/13/89  Drill from 191' to 237' with 8" hammer.  (Lost all returns @ 200'.)  Pull out of hole, rig up for mud drilling.

9/14/89  Mix 80 bbls. mud and LCM, displace with no returns.  Mix 34 sacks of common Portland cement with rig and pour from surface (110 linear feet) 39 cubic feet.

9/15/89  Trip to tag cement (no fill).  Rig up Halliburton and pump plugs #1, #2, #3 @ 160'.  Total cement of three plugs = 90 sacks Class G with 3% calcium chloride - 300 linear feet/103.5 cubic feet.  Wait on cement.

9/16/89  Tag cement @ 172' - Pump 55 bbls. LCM mud with no returns.  Pump plug #4 @ 160' 30 sacks Class G cement with 3% calcium chloride - 100 linear ft. 34 cu. ft.  Wait on cement.  Tag cement @ 140' hole would not fill.  Plug #5 @ 116', 30 sacks Class G cement with 3% calcium chloride.

9/17/89  Tag cement @ 60'.  Wait on cement.  Trip in hole with 7-7/8" bit.  Drill cement from 60' to 237'. (Lost partial returns @ 170' and 190', lost full returns @ 200').  Drill new hole from 237' to 266' with no returns.

9/18/89  Drill from 266' to 270' with no returns.  Pull out of hole.  Trip in hole to 255'.  Pump plugs #6 and #7 with no fill.  Plug #8 set @ 255' brought cement up to 250'.  Pump plugs #9 and #10 @ 144'. Total cement of 5 plugs 185 sacks Class G cement with 3% calcium chloride. (608 linear feet/212 cu. ft.) Wait on cement 3+ hours between plugs.
9/19/89 Wait on cement. Tag cement @ 244’. Wait on cement 6 hours. Rig up and pour 11-1/2 yds. ready mix (7 sacks 3/8 mix) from surface. Wait on cement.

9/20/89 Wait on cement. Drill cement from 15’ to 174’.

9/21/89 Drill cement from 174’ to 184’. Losing partial returns. Pump 75 bbls mud and LCM with only partial returns. Pump plugs #11 and #12 with total of 27 sacks Class G cement with 3% calcium chloride, 1/4 lb. Flocele per sack = 31 cu. ft. Wait on cement. Tag cement and drill from 102’ to 123’.

9/22/89 Drill cement from 123’ to 162’. Lost all returns. Mix mud, LCM drill cement to 200’ with no returns. Hole took 150 bbls. Trip for plug #13 set @ 199’, 23 sacks Class G cement with 3% calcium chloride 1/4 lb. Flocele per sack = 26 cu. ft. Wait on cement. Feel for plug with wire line. No fill.

9/23/89 Trip to set plug #14 - 30 sacks Class G cement with 3% calcium chloride and 1/4 lb. Flocele per sack - 34.5 cu. ft. Wait on cement. No fill. Set plugs #15 and #16 = 66 sacks Class G cement with 3% calcium chloride 1/4 lb. Flocele - 75 cu. ft. Wait on cement. Tag cement @ 192’. Set plugs #17, #18, #19 = 72 sacks Class G Cement with 1:1 Perlite, 40% silica flour and 3% calcium chloride = 144 cu. ft.

9/24/89 Tag cement @ 60’ - drill cement from 60’ to 170’ with full returns.

9/25/89 Drill cement from 170’ - 180’. Lost all returns. Mix mud and LCM, pumped 200 bbls with no returns, pumped 50 bbls. LCM plug with partial returns (20%). Decision to plug and abandon well.

Abandonment Plug #1 set @ 175’ - 12 sacks Class G Cement with 1:1 perlite, 40% silica flour and 3% calcium chloride = 24 cu. ft. partial returns.
Plug #2 set @ 150’ - 26 sacks Class G cement with 3% calcium chloride. Good cement returns to surface. Witnessed by Dennis Simontacchi at the BLM.

9/26/89 Wait on cement. Cement dropped 12-1/2’. Fill from surface, witnessed by Dennis Simontacchi. Released rig @ 8:00 a.m. Rig down Longyear.
9/27/89  Rig down and move off well site. Cut off 9-5/8" casing 3' below ground level. Weld 1/2" plate over casing and cover hole with dirt. Fill in sump and reclaim drill pad.

GG: sr: MZI-11B
12/14/89