

WELL SUMMARY
MZI-11B
LEASE NO. OR34669

- 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