

## DAILY REPORT SUMMARY

Day 1, 387 ft drilled  
10/7/83 TD: 412 ft

Spudded 11:00 am 10/6. Mixed mud and welded conductor/flowline extension. Control drld due to sticky clay plugging flowline.

Day 2, 219 ft drilled  
10/8/83 TD: 631 ft

Drld to 631 ft. Make wiper trip & Circ hole clean to run csg. Drop svy & POOH. Ran 17 jts 8 5/8" casing to 629 ft. Cmtd with 300sx Class "G", 15.3-15.6 PPG. Full returns until shutdown to drop top plug. No returns when began displacement of top plug. Est TOC 300-350 ft. WOC 11 hours. Cut csg and begin welding on starting head.

Day 3, 218 ft drilled  
10/9/83 TD: 793 ft

Weld on starting head and nipple up BOP. Test csg and BOP under and IAW State of Oregon supervision/regulations. Drld out cmt 575-629 ft. Drld. Top of volcanics at 718 ft.

Day 4, 234 ft drilled  
10/10/83 TD: 1027 ft

Drld to 810 ft. Drop survey & POOH. Add 3 - 6 1/2" collars and new bit. RIH and ream last 40 ft to bottom. Drld to 986 ft-lost returns. Hole will not stand full. Mixed LCM and built mud volume in suction pit. Pumped LCM slurry around and regained returns shortly after LCM across fmn. Drld to 1027 ft-lost returns again. Very high penetration last 10 ft. Built 300 bbls mud w/ LCM. No returns this time when LCM across fmn. Drlg ahead slowly to get cuttings to help seal off zone. No success.

Day 5, 83 ft drilled  
10/11/83 TD: 1110 ft

Build mud and condition with LCM. Drld 1027-1079 w/o returns. Est 900 bbls mud lost thus far. POOH to pull jets in bit. Change bit due to excessive shank wear. RIH - ream last 2 jts to bottom. Drld 1079-1110 w/o returns. Rigup pill tank and build mud volume. Begin mixing very high concentration LCM pills (60 ppb) and displacing to fmn w/ active system mud. Made 6-6 bbl pills and displaced with no success.

Day 6, 17 ft drilled  
10/12/83 TD: 1127 ft

Mix & pump 3-6 bbl pills w/ coarse LCM & cedar fiber. No returns. Breakoff kelly & slurry in 3.5 Cuft pea gravel.

Build mud volume - mix and pump 2 LCM pills to fmn. Mix and pump 12 bbls thixotropic pill with LCM. Displaced with LCM pill. Plugged kelly cock and 2 jts drillpipe above fluid level with LCM material at beginning of displacement (FL @ 150 ft). POOH with BHA. Build mud volume. Pickup 13 singles & RIH open ended. Clear LCM from kelly & standpipe. Begin pumping high concentration LCM pills with plus hay.

Day 7, 0 ft drilled  
10/13/83 TD: 1127 ft

Mix & pump 36 bbls LCM pills w/ hay. Able to bring fluid level to surface while pumping after last pill displaced. FL dropping 3 ft in 30 min. Pumped addl LCM pill and hole stood full. Pumped fine LCM pill to fmn. POOH laying down 13 singles and filling hole. RIH with BHA and 15/32" jets in bit. Fluid level not in sight. Unable to fill hole at low pump rate. Mixed and pumped 2 high concentration LCM pills. Plugged bit on displacement of last pill. Unable to unplug bit. POOH & remove jets. Plugged with basalt & LCM material. RIH w/o jets. Condition mud and build volume.

Day 8, 0 ft drilled  
10/14/83 TD: 1127 ft

Build mud volume. Mix & pump 6 bbl High concentration LCM pill with cottonseed hulls. Fluid level @ 30 ft but unable to bring any higher regardless of pump rate. Mix & pump 10 - 6 bbl LCM pills. Pulled 2 stands. Mix & pump 19 - 6 bbl LCM pills. Fluid level will come to surface while pumping but still falls to 30 ft. POOH. Mix & pump 24 bbls thixotropic LCM pill into openhole and displace to fmn. No success. Mix & pump 20 - 6 bbl LCM pills + hay into open hole and displace to fmn. No success.

Day 9, 76 ft drilled  
10/15/83 TD: 1203 ft

RIH open ended to 1127 ft. Pump 12 bbls water down drillpipe & 36 bbls water down casing. Mix & pump 150 sx class "G" cmt + 2% calcium chloride. Add hay to first half of slurry. P00H w/o filling. WOC 8 hrs. RIH with drlg BHA. Tag soft cmt at 991 ft. Fill hole w/ mud - OK. Drill soft cement at controlled low rate. Drld basalt 1127-1203 ft with occasional partial rtns. Regained returns.

Day 10, 185 ft drilled  
10/16/83 TD: 1388 ft

Drld to 1207 ft. Drop survey & P00H for bit. RIH & ream last 70 ft to bottom. Drld to 1315 ft. Lost returns. Mixed & pumped 2 - 6 bbl LCM pills with finely cut hay. Regained 95% of returns. Drld to 1388 ft. Bit plugged. Built mud volume and tried to unplug bit. P00H & cleared bit. Broke off pin of 3rd collar from top during makeup. Removed pin and laid down top 3 collars.

Day 11, 197 ft drilled  
10/17/83 TD: 1585 ft

Picked up 3 - 6 1/2" collars to replace 6" collars laid down. RIH. Drld 1388-1460 ft. Bit plugged. Unable to unplug. P00H. Recovered rubber and large cedar chip. Installed 3 - 12/32" jets. RIH. Drld to 1460 ft. Partial loss of returns. Drld to 1465 ft. Complete loss of returns. Mix high concentration LCM pill and build active pit volume with water. Drlg ahead with partial returns adding water as needed.

Day 12, 352 ft drilled  
10/18/83 TD: 1937 ft

Drld to 1724 ft with partial returns then complete loss of returns. Mixed 3 - 6 bbl high concentration LCM pills & displaced with water. Drld to 1822 ft with water & partial returns. Regained full returns. Drlg ahead conditioning mud.

Day 13, 437 ft drilled  
10/19/83 TD: 2374 ft

Drld to 2114 ft. Drop survey. P00H for bit. RIH. Drlg.

Day 14, 380 ft drilled  
10/20/83 TD: 2754 ft

Drlg.

Day 15, 265 ft drilled  
10/21/83 TD: 3019 ft

Drld to 2858 ft. Replaced swivel packing. Drld to 2945 ft. Ran survey. Drlg.

Day 16, 249 ft drilled  
10/22/83 TD: 3268 ft

Drlg.

Day 17, 211 ft drilled  
10/23/83 TD: 3479 ft

Drlg.

Day 18, 27 ft drilled  
10/24/83 TD: 3506 ft

Drld to 3506 ft. Circ for samples. Orders received to abandon and not run logs. POOH laying down BHA. RIH open ended to 800 ft. Mix and pump 120 sx class "G" cmt + 2% calcium chloride @17.0 ppg. Pull out 5 stands. Begin laying down drillpipe and emptying mud tanks. WOC 12 hrs. RIH to tag plug under State supervision. Tag soft cement 462-555 ft. POOH. WOC & continue to prepare for rigdown.

Day 19, 0 ft drilled  
10/25 83 PBTD: 530 ft

WOC 7 hours. RIH under State supervision and tag firm cmt @ 530 ft. Pickup to 525 ft and circ out green cement with water. Nipple up BOP stack. Cutoff starting head and weld on extension to sfc csg to bring top 1 ft above ground level. Buttplate tackwelded to extension. Well turned over to landowner IAW State of Oregon procedures. Rig released 6:00 pm 10/25.