

INTER-OFFICE MEMORANDUM

SUBJECT: Tentative Drilling Plans for McCoy Hole 26-8, Alum Holes 51-29 and 31-32, and Fish Lake Hole 64-11. January 12, 1983

TO: H. J. Olson, W. M. Dolan, H. D. Pilkington ✓

FROM: J. E. Deymonaz

MC COY

Hole: 26-8

Tentative Spud: January 16, 1983

Method: (Phase I) Utilize rotary rig to drill 10 1/2" hole from 0-406 feet and set and cement 406 feet of 7" casing. Continue drilling 6 1/4 - 5 5/8" hole with air and/or mud to 2,006 feet. Ten feet intervals with interesting lithology or poor sample recovery may be cored using a 4" core barrel.

Run logs and hang 4 1/2" (4" I.D.) casing from the top of the 7" casing to 2,006 feet. Weld cover plate over 7" and pull off hole and move rig to Alum hole 31-32.

(Phase II) If funding becomes available, move core rig on location about mid-August and deepen hole from 2,000-4,000 feet with H to N size bits. If money is available and temperatures are encouraging, hole could be deepened to 4,000 feet. At completion of drilling, run logs and set 1 1/2" tubing inside drill rods, remove drill rods and cement upper 10 feet of annulus. Pull rig off hole.

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ALUM

Hole: 51-29

Tentative Spud: March 8, 1983

Method: Rotary air/mud 0 to \pm 2,000 feet.

Drill 10 1/2" hole 0-206', set and cement 206' of 7" casing. Continue drilling 6 1/4" - 5 5/8" hole with air as deep as hole conditions and equipment permit and collect water samples when possible. The hole will probably be completed with mud. Several 10' intervals will be spot cored using a 4" core barrel at interesting lithologic changes or intervals with poor sample recovery. On completion, logs will be run, 2" tubing set, BOP equipment removed and the upper 10' of annulus cemented. The entire annulus may be cemented or sand packed if hole conditions warrant. Pull rig off hole and move to Fish Lake hole 64-11.

ALUM

Hole: 31-32

Tentative Spud: March 5, 1983

Method: Rotary 0-200'; core 200-2,000'

Use rotary rig to drill 6 1/4" hole from surface to 200', set and cement 200' of 4 1/2" casing. Pull rotary rig off hole and move to Alum 51-29. Set up core rig, install bag type BOP, core drill H and N hole from 200-2,000'. On completion, POH, run logs, RIH with drill rods and set 1 1/2" tubing inside rods. Pull rods, remove BOP, cement upper 10' of annulus and pull off hole. Move rig to Fish Lake hole 64-11.

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FISH LAKE

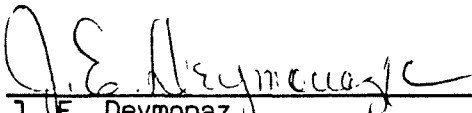
Hole: 64-11

Tentative Spud: April 1, 1983

Method: Rotary 0-350', Core 350-2,000'

Use rotary rig to drill 12 1/2" hole from surface to 350', set and cement 350 feet of 9 5/8" casing. Set 350' of 4 1/2" casing with centralizers inside 9 5/8" and hang with donut from top of 9 5/8". Dig small cellar and weld on wellhead. Pull rotary rig off hole.

Move core rig on hole, install bag type BOP, core drill H and N hole from 350-2,000', POH and run logs. If plans are to deepen as production hole at some later date, tubing should not be run and 4 1/2" casing should be pulled at completion of core drilling. Pulling 4 1/2" will probably result in bridging core hole at 350' with cuttings that will accumulate. Hole can be left in suspension by welding a steel plate on the 9 5/8" casing.



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