

ATTACHMENT for GOVERNMENT AK #1, dated 7/3/80, form 9-331.

T.D. 1835' LM. Prep to drill ahead. MIRU cable tools & spudded a 15" hole on 5/22/80 & drld to T.D. of 150' in LM. & ran & set 3½ jts (150') 13-3/8" OD 48# H40 csg @ 150' & cmtd w/300 sx Class C w/2% CaCl cmt. Cmt did not circulate to surface. USGS was notified but did not witness cmtng job. Dumped 16 yds. Redimix cmt in 13-3/8" csg annulus. Filled up to collar. WOC 18 hrs. Drld a 11" hole to a T.D. of 208 in LM. MIRU rotary on 6/17/80 & started drlg a 12¼" hole on 6/21/80 & drld to a T.D. of 1835' in LM. Ran & set 44½ jts (1817') 8-5/8" OD 24# K55 csg @ 1835' & cmtd with 250 sx Thickset w/10# Gilsonite & ½# Flocele per sx, followed by 575 sx Halco Lite w/5# Gilsonite & ¼# Flocele per sx, followed by 300 sx Class C w/2% CaCl. PD @ 1215 MDT 6/28/80. Float held ok. No returns during job. WOC 6 hrs. Ran temp svy. TOC 710'. RIH w/1" tbg in annulus to 550'. Could not get deeper. Cmt down 1" as follows"

- 1st stage - 50 sx Thickset w/3% CaCl₂, 10# Gilsonite & ½ Flocele WOC 4 hrs. No fillup.
- 2nd stage - 100 sx Thickset w/same additives. WOC 2 hrs. No Fill.
- 3rd stage - 25 sx Thickset w/additives. WOC 2½" hrs. No fill.
- 4th stage - 25 sx Thickset w/additives. WOC 2 hrs. No fill.
- 5th stage - 20 sx Thickset w/additives. WOC 3 hrs. 65' fill.
- 6th stage - 25 sx Thickset w/2 yds pea gvl. WOC 2 hrs. No fill.
- 7th stage - 25 sx Thickset w/1 yd pea gvl. WOC 2 hrs. 150' fill.
- 8th stage - 25 sx Thickset w/2 yds pea gvl. WOC 2 hrs. No fill.
- 9th stage - 25 sx Thickset w/2 yds pea gvl. WOC 2 hrs. No fill.
- 10th stage - 25 sx Thickset w/2 yds pea gvl. WOC 2 hrs. No fill. Stuck 1" @ 400'. Left 13 jts in hole. Picked up more 1" tbg. RIH to 438'.
- 11th stage - 125 sx Thickset w/2 yds pea gvl. WOC 2 hrs. fill to 360'.
- 12th stage - 100 sx Thickset w/2 yds pea gvl. WOC 2 hrs. No fill.
- 13th stage - 100 sx Thickset. Cmt circ to pit @ 1930 MDT 6/30/80.

Pumpd a total of ⁶⁷⁰~~700~~ sx in 13 stages. Total WOC time of 25 hrs. Sonny White w/USGS witnessed job. NU csg head & BOP's.