

Attachment for GOVERNMENT "AG" #1, dated 6/11/80, on form 9-331.

T.D. 3034' no returns. Prep to drill ahead. Drld to a T.D. of 3024' w/no returns & ran & set 26 jts (1081.61') 8-5/8" OD 32# K-55 & 48 jts (1917.89') 8-5/8" OD 24# K-55 csg @ 3022.34' & cmted w/300 sx HOWCO Thick set w/10# Gilsonite, ¼# Flocele & 2% CaCl<sub>2</sub>, 1855 sx HOWCO Lite w/10# Gilsonite & ¼# Flocele & 300 sx Class C w/2% CaCl<sub>2</sub> & ¼# Flocele cmt. Cmt bridged off after pumping 35 bbls. Displacement. Press to 2500# & bled off to 2200#. Re-pressured to 2500# - could not pump plug. Bled off press-float held ok. Got 1925 sx of cmt outside & left 560 sx of cmt inside of csg. USGS was notified but did not witness cementing job. Ran 1" tbg in 8-5/8" x 13-3/8" annulus to 1088' & cmted to surface w/450 sx of cmt in 3 stages as follows:

1st stage: 50 sx Class C w/2% CaCl<sub>2</sub> cmt. WOC 4 hrs.  
tagged top of cmt @ 1063'

2nd stage: 100 sx Class C w/2% CaCl<sub>2</sub> cmt. WOC 4 hrs.  
tagged top of cmt @ 908'.

3rd stage: 150 sx Class C w/2% CaCl<sub>2</sub> & 150 sx Class  
C neat cmt. Circulated 10 sx of cmt to pit.

USGS was notified & Mr. Coke witnessed cementing job. WOC 23½ hrs. NU BOP. Tagged top of cmt @ 525' inside of 8-5/8" csg. Drld cmt inside of 8-5/8" csg to float collar @ 2978 & tested csg to 1500# - held ok. Drld float collar & ½ of shoe jt. & tested csg & float collar to 1500# - held ok. Drld rest of cmt in shoe jt. & 10 new formation to 3034' & tested csg shoe to 425# w/8.3#/Gel fluid to EQ mud wt 11#/Gal for 30 min. - held ok.