USGS Form 9-331 SUNDRY NOTICE Whitten Federal #1 3-14-79

3-4-79 Salt, 5#/sk Gilsonite, & 注#/sk Flocele followed by 300 sx Class "C"

- (con't) containing 2% CACL<sub>2</sub> & ¼#/sk Flocele. Plug down. Set Lynes pkr. Opened DV tool & circ'd hole. Circ'd above DV tool. Cmt'd 2nd stage as follows: 2000 sx Howcolite containing 15#/sk Salt, 5#/sk Gilsonite, & ¼#/sk Flocele followed by 300 sx Class "C" containing 2% CACL<sub>2</sub> & ¼#/sk Flocele. Plug down. No cmt to surf. WOC 19 hrs.
- 3-5-79 Ran Temperature Survey. Indicated TOC @ 2950' FS. Filled 13 3/8" x 9 5/8" csg annulus w/96 BW. SI 30". Req'd and add'l 24 BW to load annulus. Set slips & cut-off 9 5/8" csg. NU Wellhead & tested to 1000 psig ok. NU BOP Stack & installed choke manifold.
- 3-6-79 Opened csg valve. 13 3/8" x 9 5/8" annulus had 100 psig pressure. Loaded annulus w/24 BW pressure increasing to 500 psig. Established 4 BPM inj rate w/800 psig Max. Used a total of 88 BW. SI 25". Pressure dropped to 100 psig. Pressured 9 5/8" csg to 1000 psig. Pumped 100 sx Class "C" cmt containing 5#/sk Gilsonite, ½#/sk Flocele & 2% CACL2 down annulus followed by 600 sx Howcolite cmt containing 5#/sk Gilsonite, 15#/ sk Salt, ½#/sk Flocele & 2% CACL2 followed by 100 sx Class "C" containing 5#/sk Gilsonite, ½#/sk Flocele & 2% CACL2. Cmt in place @ 4:00 PM. WOC 20 hrs. Ran Temperature Survey. Indicated TOC @ 2800' FS.
- 3-7-79 Filled annulus w/32 bbls FW & tested to 500 psig for 15". Pressure decreased to 400 psig & held steady. Drld cmt, plug, & DV tool from 3237' to 3426'. Drld plug, FC, 40' of cmt, & shoe. Tested to 500 psig for 15" ok.
- 3-9-79 5467'; Drift 1<sup>0</sup>.