

USGS  
Form 9-331  
West Tonto Federal Comm. #1  
12-3-80

10-25-80 HR-7 w/24 bbls ahead & 6 bbls behind of Sam-5 Spacer. Displaced w/125  
(con't) bbls mud. Plug in place @ 10:00 a.m. 10-24-80. WOC.

10-27-80 Tagged cmt. @ 12,237'. Drld cmt to 12,352'. Tested plug w/15 M lbs down  
& 1800 psig for 15". Held OK.

10-28-80 PU Dyna Drill, 2-1/2<sup>0</sup> bent sub, & Diamond Bit. TIH.

10-30-80 Ran Eastman Survey @ 12,374': Drift 3<sup>0</sup>; Direction N65<sup>0</sup>W.

11-1-80 Ran Eastman Survey @ 12,450': Drift 5-1/4<sup>0</sup>; Direction N 70<sup>0</sup> W.

11-2-80 Ran Eastman Survey @ 12,537': Drift 4<sup>0</sup>; Direction N 66<sup>0</sup> W.

11-4-80 Ran Eastman Survey @ 12,662': Drift 2-3/4<sup>0</sup>; Direction N 78<sup>0</sup> W.

11-5-80 Ran Eastman Survey @ 12,799': Drift 2-1/4<sup>0</sup>; Direction N 68<sup>0</sup> W.

11-13-80 Ran Eastman Survey @ 13,371': Drift 1/4<sup>0</sup>.

11-17-80 Reached 13,700' TD @ 4:00 a.m. 11-17-80.

11-18-80 RU Schlumberger. Ran Density Neutron, DLL, GR-Sonic, & Cyberlook logs.  
RD Schlumberger.

11-19-80 Deviation Survey: 13,700' Drift 1/2<sup>0</sup>. Ran 328 jts (13,723.97') of 5 1/2",  
17#, S95, LTC csg. Set 5 1/2" csg @ 13,700' w/35' marker jt. @ 12,000'.

11-20-80 RU BJ & cmt'd down 5 1/2" csg as follows: Pmp'd 500 gals mud sweep followed  
by 1000 sx Class "H" Cmt. containing 1% D-28, 0.2% A-2, 2% KCL & 20% R-5.  
PD @ 8:15 a.m. 11-19-80 w/10 PPG BW containing 2% KCL. Raised BOP, set  
slips, & cut-off 5 1/2" csg. Chng'd rams in BOP. Removed rotating hd. RD  
BOP stack. Released rig @ 12:00 p.m. 11-19-80. WOCU.