Item 13 - Completion Procedure Pioneer Fedeal Com No. 1 Page 2

- 07/15/91 Had 850 psi on esg & tbg @ start of day. Bled well down. POOH w/kill string. RU & test lubricator to 300 psi. GIH w/3 1/8" csg gun w/collar locator. Tag cmt on top of bridge plug @ 11,105'. Collar locator would not function. POOH & change out collar locator. GIH, run strip log from 10,800'-10,200'. Perf 2 JSPF @ 10,273'-277', 10-266'-71', & 10,258'-263' (37 shots). POOH w/csg gun. Line kinked @ lubricator w/73'. Left on wireline truck odometer due to gas coming to surface after perforating. Flowing sweet gas @ 500 psi through 2" open line. PSI bled to 250 psi & held constant. Pump 40 bbls 2% KCL water. Down csg & kill well long enough to break down lubricator & pull csg gun up enough to close blind rams. Well flowing to frac tank. Rig up Bennett & Kathey to monitor flow. Sample of gas taken showed no H\_S. Build up to 1800 psi in 3 hrs. Bled down to 800 psi in 20 min. Bennett & Kathey rigged up unit. Had hole in it. Rigging up new unit this am.
- 07/16/91 No report available.
- 07/17/91 No report available.
- 07/18/91 Report not available.
- 07/19/91 Opened up well. Had 3050 psi on 4 1/2" csg. Bled well off on flare to 0 psi. Filled csg w/9 bbls of brine (566' down). Cleaned out cellar. Opened up annulus side between 8 5/8" & 4 1/2" csg. Found to have 900 psi. Bled annulus on flare down to 290 psig. SI annulus to observe buildup. Found blind rams on one side would not work properly. RIH w/Baker storm pkr. Set @ 30' w/2135' of 2 3/8" tbg below pkr. Tested top to 1000 psig. ND 7 1/16" 5m BOP & drilling spool. NU new 7 1/16" 5m BOP, 7 1/16" 5m Hydril & drilling spool in between. Changed out damaged 2" flanged csg valve. Found no damage to top or side 2" outlet on tbg head. Closed blind rams, tested to 1500 psi. Attempted to close Hydril. Would not close on 2 3/8" tbg. ND Eydril. Released Baker pkr. POOH L/D pkr. Closed blind rams. NU cap on drilling spool. SDFN.
- 07-20-91 Opened up well. No pressure on 4 1/2" csg. Opened up 8 5/8" x 4 1/2" annulus (280 psig). Blew down to 0 pisg (6" flare). Reading 10 ppm H2S. No pressure between 13 3/8" x 8 5/8". RIH to 7993' w/2 3/8" tbg. Circ hole (10# brine) clean. Spotted 150' plug from 7993'-7843' using 15 sks of class "H" w/2% CaCl2. POOH. RU Wedge Wireline. Tested 5 1/2" lub to 1000 pisg. Ran CBL-GR from 7500'-2400' under 1000 psig. RD Wedge. SWIFN.
  - \* Top of cmt @ 6330'.
  - \* No buildup on annulus between 8 5/8" & 4 1/2".