

ATTACHMENT 1

Item 12 (cont'd)
Indian Basin Gas Com No. 1

- 11/14/91 Open well 0# psig. POOH w/83 jts 2 3/8" J-55 IPC tbg w/7" Baker Model R pkr. Change out pipe rams in BOP. Test wellhead & BOP to 2500#, OK. RIH w/Howco 7" EU easy drill cmt retainer. RIH on 2 7/8" tbg to 6495'. Set retainer @ 6495'. est inj rate 3 BPM @ 2100'. Test annulus to 750#. Mix & pump 225 sx Class "C" LWL cmt @ 2.5 BPM @ 1900#. Mix & pump 225 sx Class "C" Premium cmt w/6# salt per sk @ 3 BPM @ 1800#. Displaced cmt to top of retainer, pull out of retainer w/cmt tool. Reversed out 2 bbls cmt. Pull 10 stds tbg. SDFN.
- 11/15/91 FOH w/2 7/8" tbg & cmt squeeze tool. RIH w/6 1/8" bit, 6 - 4 3/4" drill collars on 2 7/8" PH-6 workstring to 6500'. SD to wait on cmt to cure. Secure well. SDFN.
- 11/16/91 Open well up 0# psig. RIH w/6 1/8" bit. Tag cmt @ 6481'. Drilled 14' cmt. Drilled cmt retainer in 2 1/2 hrs. Drilled cmt from 6500' to 6706'. Circ hole clean. LD 1 jt 2 7/8" tbg. Secure well. SDFN.
- 11/17/91 RIH to 6706'. Resume drlg cmt. Squeeze drilled cmt to 6731'. Had 5' void in cmt. Drilled out cmt stringers to 6768'. Circ hole clean. Closed pipe rams. Pressure up to cmt squeeze to 1000#. Bled off to 710# in 5 min. Establish inj rate into perms @ 1.5 BPM @ 2500#. POOH w/bit & drlg assy. RIH w/20 stds tbg for kill string. SDFN.
- 11/18/91 RIH w/206 jts 2 7/8" tbg w/cmt retainer. Rigged Howco. Pump 3 bbls thru retainer. Set retainer @ 6492' (KB). Pressure annulus to 750#. Establish inj rate 1.5 BPM @ 2500#. Mix & pump 150 sx LWL cmt @ 1.5 BPM @ 2000# & 150 sx Class "C" Neet cmt @ 2 BPM @ 2150#. Decr rate to 1 BPM @ 1100#. Pump 27 bbls @ 1 BPM. Psi incr to 1750#. SD. Wait 5 min. Staged cmt for 2 bbls. Pressure incr to 1900#. SD 5 min. Staged 1 bbl @ 1.5 BPM @ 2100#. SD. Wait 10 min. Stage 3 bbls @ 1.5 BPM to 2400#. Stung out of retainer. Rev circ 3 bbls. Rec 4 sx cmt. POOH w/tbg & retainer. RIH w/bit & collars to 3000'. SDFN.
- 11/19/91 CIH w/6 1/8" bit & DC's on 2 7/8" PH-6 workstring. Tag cmt @ 6490'. Drilled 2' cmt & cmt retainer. Drilled cmt from 6495' to 6748' leaving 20' of perms still open. Circ hole clean. Closed pipe rams. Pressure csg to 1000#. Lost 35# pressure in 20 min. Unable to pump into perms. Pull bit to 6500'. Secure well. SDFN.