

# RECOMMENDED PROCEDURE

Payne #11

1. Test anchors, dig blow pit, lay blow lines.
2. MIRUSU. TOH with 8358' 2-3/8" N-80 tubing.
3. Set 4-1/2" cement retainer @ 5200' on 2-3/8" N-80 tubing.
4. With 1000 PSI monitored and recorded on backside, pump 400 sx Class "B" cement. (Pipe capacity to bottom Dakota perf plus 75%)
5. Run CBL from 4100'. Set retrievable BP @ 3780' and top with 2 sx sand. Pressure test to 3800 PSI.
6. Perf Basal coal with 6 - 0.5" SPF @ 3680'-3705' and 3720'-22'. Total 174 holes.
7. Rig up frac tanks and frac crew to allow for mixing gel on the fly. Frac Fruitland coal seams down 7" casing at 30 BPM with 30# crosslinked borate gel (boric acid) and the following Arizona sand schedule.

<u>Stage</u>	<u>Fluid</u>	<u>Sand Size</u>	<u>Amount</u>
Pad	28,000 gals		
(Fluid Loss) 1 PPG	10,000 gals	40/70	10,000#
(Fluid Loss) 2 PPG	5,000 gals	40/70	10,000#
2 PPG	10,000 gals	20/40	20,000#
3 PPG	10,000 gals	20/40	30,000#
4 PPG	10,000 gals	20/40	40,000#
5 PPG	9,000 gals	20/40	45,000#
5 PPG (resin coated & activator)	3,000 gals	20/40	15,000#
Flush	(6,035 gals)		
Total	85,000 gals		170,000#

Maximum pressure = 3800 psi. Anticipated treating pressure = 3000 psi.  
 Tag all sand with IR-192. Use computer van to monitor treating pressure.  
 Have capacity to pump at 50 BPM

8. TIH with 6-1/4" bit on 2-3/8" tubing and clean out to 3770' (RBP @ 3780') with air/mist. Obtain gas pitot gauges and water rates when possible. TOH.
9. TIH with retrieving tool on 2-3/8" tubing and retrieve RBP @ 3780'. TOH.
10. Run after frac GR log from 3800'