

D. Wellhead Equipment: 5000 psi rated wellhead.

V. Cementing:

- A. Surface casing (17" x 13 3/8"): 400 cu. ft. cement with LCM, fluid loss additives and 2% CaCl₂. Circulate to surface, WOC 8 hrs, Test casing to 800 psi for 30 min before drilling plug,
- B. 9 5/8" casing: cement with 1700 cu. ft. cement with fluid loss additives and lost circulation material. Circulate cement to surface, WOC. 12 hrs test casing to 1000 psi, before drilling plug. Run tempature survey after 8 hrs.
- C. 7" casing: Cement with 500 cu. ft. cement, sufficient volume to fill to 10,800 ft. WOC 12 hrs. Test casing to a 16# EMW before drilling plug. Run tempature survey after 8 hrs,
- D. 4 1/2" Liner Cement with 450 cu. ft. cement, sufficient volume to circulate to top of liner. WOC. 12 hrs,