

10. The pressure control diagram is attached to Form 3160-3. The following additional information about the pressure control equipment is as follows:

13-3/8" Casing:

Size: 13-5/8" or 11" 3000 psi WP double ram hydraulic w/annular
Pressure Ratings: 3000 psi WP, 6000 psi Test
Testing Procedure: Pressure up to 1000 psi before drilling out casing.
Testing Frequency: Pressure Test upon installation and operational checks daily and on all trips. The kill lines will be flushed after cementing.

8-5/8" Casing:

Size: 13-5/8" or 11" 3000 psi WP double ram hydraulic w/annular
Pressure Ratings: 3000 psi WP, 6000 psi Test
Testing Procedure: Pressure all BOPE to rated working pressure using independent testing company. Annular will be tested to 1500 psi.
Testing Frequency: (Same as above)

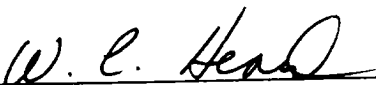
11. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling, and the quantities and types of mud and weighting material to be maintained will be as follows:

0-400'	Fresh water Spud Mud, 8.6 ppg
400'-2400'	Saturated Brine Water, 10 ppg
2400'-7200'	Fresh water Clear Fluid, 8.5 ppg
7200'-10000'	Fresh water Polymer Mud, 8.6-9.3 ppg

12. The testing, logging and coring program will be as follows:

<u>Drill Stem Test</u>	<u>Logs</u>	<u>Coring</u>
Possible Open Hole	OPEN HOLE:	Possible 60' Core
DST's in Bone Springs	GR/DIL/MSFL	Bone Springs at
Below 7500'	GR/CNL/FDC/CAL	approximately 8400'
	GR/BHCS/CAL	

13. There are no abnormal pressure or temperatures anticipated.
14. The anticipated starting date (constructed) will be October 1, 1988 and completing date approximately November 30, 1988.
15. The auxiliary equipment to be used will consist of the following: Kelly cocks and sub on floor with full opening valve, to be used when needed. A mud logging unit will be used in the interval from 2500' - 10,000'.


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