

**POINT 4: PRESSURE CONTROL EQUIPMENT (SEE ATTACHED DIAGRAMS) - Cont' d...**

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A function test to insure that the preventers are operating correctly will be performed on each trip. See attached Diagram 1 for the minimum criteria for the choke manifold.

**POINT 5: MUD PROGRAM**

<u>DEPTH</u>	<u>MUD TYPE</u>	<u>WEIGHT</u>	<u>FV</u>	<u>PV</u>	<u>YP</u>	<u>FL</u>	<u>Ph</u>
0' - 5900'	FW	8.4	28	NC	NC	NC	NC
5900' - 7700'	FW/Starch	8.4 - 8.6	28-30	NC	NC	<100	9.5 - 10.5
7700' - 7850'	FW/Gel/Starch	8.4 - 8.6	38-42	4	8	<100	9.5 - 10.5

**POINT 6: TECHNICAL STAGES OF OPERATION****A) TESTING**

None anticipated.

**B) LOGGING**

Platform Express (GR-CNL/LDT-LLD) from TD to intermediate casing shoe. Run GR-CNL from intermediate casing shoe.

**C) CONVENTIONAL CORING**

None anticipated.

**D) CEMENT: Two stage w/DV Tool set at 5400'.**

\* Surface & intermediate already cemented in place.

<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT<sup>3</sup>/SX</u>
<b>PRODUCTION 1<sup>st</sup> STAGE</b>						
5400-7850' (50% excess)	700	2450	Class C + 2% Salt + 0.2% CD32 + 0.4% FL25 + 0.4% FL52	6.37	14.00	1.36
<b>PRODUCTION 2<sup>nd</sup> STAGE</b>						
<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT<sup>3</sup>/SX</u>
<b>LEAD</b>						
3440-5000' (50% excess)	750	1560	50/50 Poz C + 5% Salt + 10% gel + 1/4# celloflake	12.59	12.09	2.24
<b>TAIL</b>						
5000-5400' (50% excess)	100	400	Class C Neat	6.33	14.80	1.33

**E) DIRECTIONAL DRILLING**

No directional services anticipated.

**POINT 7: ANTICIPATED RESERVOIR CONDITIONS**

Normal pressures are anticipated throughout the Delaware section. No H<sub>2</sub>S is anticipated. Estimated BHT at TD is 150° F.