

Con't... POINT 6: TECHNICAL STAGES OF OPERATION

B) LOGGING

Run #2:
GR-CNL-LDT-LLD run from TD to 7" ICP, FMI across Wolfcamp as needed.

C) CORING

No cores are anticipated.

D) CEMENT

<u>INTERVAL</u>	<u>AMOUNT SX</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT³/SX</u>
<u>SURFACE</u> 0' - 750' (100% excess)	1000 sx	750	Class C + 2% CaCl ₂ + 1/4#/sx Flocele	6.30	14.80	1.32
<u>INTERMEDIATE</u>						
<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT³/SX</u>
<u>Lead</u> 0' - 3950' (100% Excess)	1050	3950	Halco Lite + 2% CaCl ₂ + 1/4#/sx Flocele	12.09	12.59	2.24
<u>Tail</u> 3950' - 4150' (100% Excess)	100	200	Class C + 2% CaCl ₂	6.34	14.80	1.34
<u>PRODUCTION</u> (Two stage w/DV tool @ 8000' and circulate cement to 3500')						
<u>INTERVAL</u>	<u>AMOUNT SXS</u>	<u>FT OF FILL</u>	<u>TYPE</u>	<u>GALS/SX</u>	<u>PPG</u>	<u>FT³/SX</u>
<u>1st Stage</u>						
<u>LEAD</u> 3500'-7500' (50% excess)	400	4000	Poz H + 10% Gel + 5% Salt + 0.2% FL-52	12.09	12.59	2.24
<u>TAIL</u> 7500'-8000' (50% excess)	100	500	Class H	4.30	16.40	1.06
<u>2nd Stage</u>						
<u>LEAD</u> 8000'-12,000' (50% excess)	400	4000	Poz H + 10% Gel + 5% Salt + 0.2% FL-52	12.09	12.59	2.24
<u>TAIL</u> 12,000'-12,500' (50% excess)	100	500	Class H	4.30	16.40	1.06
<u>PRODUCTION LINER</u> 12,200'-13,500' (25% excess)	150	1300	Class H	4.30	16.40	1.06

E) DIRECTIONAL DRILLING (See attached directional plan.)

No directional services anticipated. A straight hole will be drilled to 13,500' TD.