Mule Deer ATU Fed. Com. #1

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B. CEMENTING PROGRAM:

Surface casing: 400 sx "C" + 2% CACL2 (Yld 1.32 Wt.15.6)

Intermediate Casing: 750 sx Lite (Yld 2.0 wt 12.2); Tail in w/200 sx "C" + 2%

CACL2 (Yld 1.32 Wt. 15.6)

Production Casing: TOC = 4000, 775 sx Super "C" modified (Yld 1.63 wt. 13.0).

5. Mud Program and Auxiliary Equipment:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	Fluid Loss	
0-350'	Freshwater Air Mist	8.4	28	N/C	
350'-2000'	Freshwater Air Mist	8.4	28	N/C	
2000'-7100'	Cut Brine	8.6-9.0	28	N/C	
7100′-8500′	Salt Gel/Starch	9.0-9.5	30-34	< 10	

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10 samples out from under surface casing. Logging: CNL/LDT, DLL - w/RXD - TD to casing.

Coring: None anticipated. DST's: As warranted.

7. Abnormal Conditions, Bottom hole pressure and potential hazards:

Anticipated BHP:

From:	0	TO:	350	Anticipated Max. BHP:	175	PSI
From:	350	TO:	2000	Anticipated Max. BHP:	800	PSI
From:	2000	TO:	8500	Anticipated Max. BHP:	4200	PSI

No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 20 days to drill the well with completion taking another 15 days.