

GRACE PETROLEUM CORPORATION
WHITTEN FEDERAL #1
LEA COUNTY, NEW MEXICO

<u>DEPTH (FEET)</u>	<u>MUD WEIGHT (PPG)</u>	<u>VISCOSITY (SEC)</u>	<u>FLUID LOSS (ML)</u>
850-5200	9.6 - 10.1	34 - 38	No Control

Set 9 5/8" Intermediate casing at 5200'. Drill out with fresh water.

5300- 10,000	8.4 - 8.5	28 - 29	No Control
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Displace with brine at 10,500'.

11,000	10.0 - 10.1	28 - 29	No Control
12,000	10.2 - 10.5	34 - 38	8 - 10
13,000	10.2 - 10.5	34 - 38	8 - 10
14,000	10.2 - 10.5	34 - 38	8 - 10
14,600	10.2 - 10.5	34 - 38	8 - 10