

REVELATION "10M" FEDERAL #1
 DRILLING PLAN
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4. Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Weight, ppf</u>	<u>Grade</u>	<u>Type</u>
17 1/2"	0-375'	13 3/8"	48	H-40	ST&C
12 1/4"	0-2,300'	8 5/8"	32	HCK-55	LT&C
7 7/8"	0-10,800'±	5 1/2"	15.5 & 17	J-55/L-80	LT&C

Cementing Program

13 3/8" Surface Casing	Cement to surface -- with 415 sxs Class C Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sx Cello Flake + 56.3% Fresh Water. (preceded by 20 bbls Fresh water spacer)
8 5/8" Intermediate Casing	Cement to surface 1 st Stage Lead Slurry: 200 sx (35:65) Poz: Class C Cement + 6% bwoc Bentonite + 5% bwow Sodium Chloride + 0.25 lbs/sx Cello Flake + 10 lbs/sx LCM-1 + 90.9% Fresh Water. (preceded by 20 bbls Fresh water spacer) 2 nd Stage Lead Slurry: 578 sx (35:65) Poz: Class C Cement + 6% bwoc Bentonite + 5% bwow Sodium Chloride + 0.25 lbs/sxs Cello Flake + 100.7% Fresh water Tail Slurry: 200 sxs Class C Cement + 2% bwoc Calcium Chloride + 56.4% Fresh water
5 1/2" Production Casing	1 st Stage Lead Slurry: 593 sxs (15:61:11) Poz: Class C Cement: CSE + 1% bwow Potassium Chloride + 0.6% bwoc FL-25 + 0.6% bwoc FL-52 + 0.3% bwoc CD-32 + 2 lbs/sxs EC-1 + 5 lbs/sxs LCM-1 + 0.25 lbs/sxs Cello Flake + 70.8% Fresh Water. (preceded by 50 bbls Fresh Water + 50 bbls Turbo Flow III spacer) Tail Slurry: 200 sxs Class H Cement + 3% bwow Potassium Chloride + 1% bwoc FL-25 + 0.15% bwoc R-3 + 46.4% Fresh Water 2 nd Stage Lead Slurry: 523 sx (35:65) Poz: Class C Cement + 6% bwoc Bentonite + 5% bwow Sodium Chloride + 0.5% bwoc ASA-301 + 0.25 lbs/sx Cello Flake + 0.006 gps FP-13L + 111.6% Fresh Water. (preceded by 30 bbls Fresh Water) Tail Slurry: 200 sx (60:40) Poz: Class C cement + 4% bwoc MPA-1 + 2% bwow Sodium Chloride + 0.25 lbs/sx Cello Flake + 63.1% Fresh Water

The cement volumes for the 5 1/2" casing will be revised pending the caliper measurement from the open hole logs.