

Permit Information:

Well Name: Rock Spur Fee Com #1

Location:

SL

BHL Same

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	600'	17 ½"	13 3/8"	54.5#	J-55	Surface
1 st Intermediate	2,600'	12 ¼"	10 ¾"	45.5#	K-55	Surface
2 nd Intermediate	11,700'	9 7/8"	7 5/8"	39#	HCL-80	2000'
Production Liner	13,300	6 ½"	5 ½"	17 #	P-110	11500

Cement Program:

Depth	No. Sacks	Slurries:
600'	140	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + ¼ pps Flocele
	250	Tail: Premium Plus + 2% CaCl ₂
2,600'	250	Lead: Interfill "C" + ¼ pps Flocele
	175	Tail: Premium Plus + 1% CaCl ₂
11,700	1200	Lead: Premium + 3% Econolite + 1 pps NaCl ₂ + Fluid Loss Additives
	500	Tail: 50/50 Poz Premium + 1 pps NaCl ₂ + Fluid Loss Additives
13,300'	120	Class H + FLA

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 600'	Fresh - Gel	8.6-8.8	28-34	N/c
600' – 2,600'	Brine / Polymer	10.0-10.2	28-34	N/c
2,600' – 11,700'	Cut Brine/Polymer	8.9 – 9.8	34 - 40	10-25
11,700' – 13,300'	Cut Brine/Polymer	10.0 - 14.0	36 - 45	<12