

Set @ 120	500 ft	Casing Details		Hole	Casing	Mass	Set At	Length	Thread	Grade	Description		
		Section	24.000	16	0	120	120				Line pipe		
	7000 ft	Surface	12.250	9.625	0	1,834	2	LT&C	K-55	Shoe			
	7500 ft			9.625	36	1,833	44	LT&C	J-55	Casing			
				9.625	0	1,789	2	LT&C	K-55	Float Collar			
				9.625	36	1,787	1,759	LT&C	J-55	Casing			
				9.625	36	29	5	ST&C	J-55	Well Head pup jt			
	2000 ft	Production	8.750	9.625	36	24	1,734	LT&C	J-55	Landing Jt			
	2500 ft			5	0	11,808	2	Butt	P-110	Shoe			
				4.5	11.6	11,807	21	Butt		Shoe Joint			
3000 ft	5			0	11,786	2	Butt		Float collar				
	4.5			11.6	11,784	1,490	Butt	P-110	Casing				
3500 ft	4.5			11.6	10,295	21	Butt	P-110	Marker Jnt				
	4.5			11.6	10,274	1,441	Butt	P-110	Casing				
4000 ft	4.5			11.6	8,833	21	Butt	P-110	Marker Jnt.				
	4.5			11.6	8,812	1,937	Butt	P-110	Casing				
4500 ft	4.5			11.6	6,875	21	Butt	P-110	Marker Jnt				
Set @ 1834	5000 ft	Cement Details		Sequence	Top	Density	Blend / Additives						
	Section												
	5500 ft	Conductor	Tail	0	12.0	Clas G Cement / Cello Flake							
	6000 ft	Production	Surface	Lead	0	12.5	12.5 #-Class "G" / +2.0%D079+0.2%D046+0.25lb/skD029						
			Tail	1,290	14.0	14.0# Class G / +1.0%D079+0.2%D046+0.25lb/sk							
	Scavenger		0	11.5	MUDPUSH II / 30 bbl 100# D182+6600#D031								
	Lead		2,144	12.5	12.5ppg NPR (Poz A) / 5.0% D044+0.2% D046+ 0.5% D182 + 0.25 PPS D029 +2.0% D079+ 1.2% D013								
			5,596	13.0	13.0 PPG Poz "G" - Rockies Correct / 5.0% D044 + 35.0% D178+ 3.0% D020 + 0.50% D182 + 0.750% D112 +0.4% D201% +0.2% D065+ 0.2% D046 + 0.25 lb/sx D029 + 11.0 lb/sx D035								
Stage 13A	7000 ft	Perforations		Stage 1	Date	From	To	Shots	Stage 3B	Date	From	To	Shots
Stage 12A	7500 ft	Stage 10		Date	From	To	Shots	Stage 4A	Date	From	To	Shots	
Stage 11	8000 ft	Stage 11		Date	From	To	Shots	Stage 4B	Date	From	To	Shots	
Stage 10	8500 ft	Stage 12A		Date	From	To	Shots	Stage 5A	Date	From	To	Shots	
Stage 9	9000 ft	Stage 12B		Date	From	To	Shots	Stage 5B	Date	From	To	Shots	
Stage 8A	9500 ft	Stage 13A		Date	From	To	Shots	Stage 6A	Date	From	To	Shots	
Stage 7	10000 ft	Stage 13B		Date	From	To	Shots	Stage 6B	Date	From	To	Shots	
Stage 6A	10500 ft	Stage 2A		Date	From	To	Shots	Stage 7	Date	From	To	Shots	
Stage 5A	11000 ft	Stage 2B		Date	From	To	Shots	Stage 8A	Date	From	To	Shots	
Stage 4A	11500 ft	Stage 2A		Date	From	To	Shots	Stage 8B	Date	From	To	Shots	
Stage 3A	12000 ft	Stage 2B		Date	From	To	Shots	Stage 9A	Date	From	To	Shots	
Stage 2A	12500 ft	Stage 2B		Date	From	To	Shots	Stage 9B	Date	From	To	Shots	
Stage 1	13000 ft	Stage 2B		Date	From	To	Shots	Stage 10A	Date	From	To	Shots	
Set @ 11808	13500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	14000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	14500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	15000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	15500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	16000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	16500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	17000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	17500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	18000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	18500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	19000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	19500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	20000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	20500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	21000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	21500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	22000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	22500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	23000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	23500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	24000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	24500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	25000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	25500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	26000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	26500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	27000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	27500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	28000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	28500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	29000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	29500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	30000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	30500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	31000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	31500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	32000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	32500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	33000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	33500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	34000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	34500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	35000 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	35500 ft	Stage 2B		Date	From	To	Shots	Stage 10B	Date	From	To	Shots	
Set @ 11808	36000 ft	Stage 2B		Date									