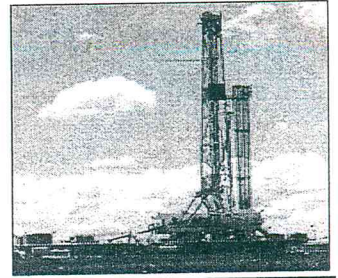


CST Oil & Gas



Operator: *RF* Well: *Winger 12-15-B4*
 Spud Date: *6-19-13* Completion Date: *6-20-13* Bit Size: *6-3/4* Surface Size: *8-5/8*

Depth	Formation	Remarks	Casing Tally	
	<i>Soil & clay</i>		0	5
	<i>Lime</i>		5	40
	<i>Shale</i>		40	91
	<i>Lime</i>	<i>ft scott</i>	91	106
	<i>Shale</i>		106	112
	<i>Lime</i>	<i>5'</i>	112	117
	<i>Shale</i>		117	132
	<i>Oil Sand & Shale Lm</i>	<i>Good show</i>	132	156
	<i>Shale</i>		156	238
	<i>Lime</i>	<i>and more</i>	238	239
	<i>Shale</i>		239	273
	<i>Tan Sand</i>		273	277
	<i>Oil Sand</i>	<i>Good show</i>	277	291
	<i>Grey Sand</i>		291	309
	<i>Shale</i>		309	360
				31.50
	<i>Cored 276-296</i>			31.40
				31.50
				31.70
				31.20
				31.65
				31.70
				31.60
	<i>2 7/8 Float Shoe</i>			31.55
	<i>2-2 7/8 Centralizers</i>			31.60
	<i>Tubing Clamp</i>			31.40
				346.80
				<i>2 7/8 Pipe</i>