



Melissa Saurborn
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	Surface/Bottom Hole Footage Calls	FNL	FSL	FEL	FWL
Surface	Sec. 13 T22S R34E		225	890	
BHL	Sec. 12 T22S R34E	380		380	
Side-track					

Vertical Correlation Well:	STATE GC1				
Legals:	SE Sec. 7 22S-35E				
API:	30-025-26559				
Lat/Long (Nad 27)	32.4006101, -103.4042302				
County and State	Lea Co., NM				
Ground Elev:					
Kelly Bushing Elev:	3,623				

Rig KB: 25

Formations	Lithology	(calc)		(calc)	Sample Top	(calc)	(calc)	(calc)	(calc)	(calc)	Adjusted Prog Top	(calc)	(calc)
		TVD (RKB)	TVD Subsea	Iso to Target		Δft	Sample <Lo Hi>	Actual Log	Δft	Log <Lo Hi>		TVD (RKB)	TVD Subsea
Rustler	Mixed lithologies	550	3000	10665		550.4			550.4			0	
Top of Salt	Salt (Halite)	1550	2000	9665		1550.4			1550.4			0	
Base of Salt	Limestone/Anhydrite	3550	0	7665		3550.4			3550.4			0	
Delaware	Sand/Siltstone/Shale/Limestone	4275	-725	6940		4275.4			4275.4			0	
Bone Spring	Limestone	8320	-4770	2895		8320.4			8320.4			0	
Avalon	Shale	8420	-4870	2795		8420.4			8420.4			0	
1st Bone Spring	Sand/Siltstone/Shale/Limestone	9070	-5520	2145		9070.4			9070.4			0	
2nd Bone Spring	Sand/Siltstone/Shale/Limestone	9530	-5980	1685		9530.4			9530.4			0	
3rd Bone Spring	Siltstone	10935	-7385	280		10935.4			10935.4			0	
Wolfcamp XY	Sandstone/Siltstone/Shale	11195	-7645	20		11195.4			11195.4			0	
Target (@ 90.0°)	Sandstone/Siltstone/Shale	11215	-7665	0		11215.4			11215.4			0	
Wolfcamp	Shale/Limestone	11275	-7725	-60		11275.4			11275.4			0	
SURFACE CASING POINT													
1st INT. CASING POINT													
2nd INT. CASING POINT													
PROD. CASING POINT													