

W E L L L O G

Seward County, Kansas

Company: Seward County Oil & Gas Co.

Lease: Chas. Sealy # 1

Location: NE $\frac{1}{4}$ Sec. 20-~~33S-35W~~
33S-33W

Elevation 2865'

From	To	Formation	From	To	Formation
0	135	Brown sandy clay	2400	2410	Sandy gray lime
135	185	Water sand	2410	2415	Blue shale
185	205	Sandy clay	2415	2427	Sand and lime
205	270	Brown clay	2427	2437	Showing of gas
270	315	Sand	2437	2437	Gray lime
315	340	Clay	2437	2444	Black slate
340	380	Sand fine gray	2444	2460	Gray lime
380	400	Yellow clay	2460	2501	Blue shale
400	440	Blue mud	2501	2515	Gray lime
440	445	Sand	2515	2560	Blue shale
445	870	Red bed	2560	2585	Hard gray lime
870	880	Red sand	2585	2595	Pink rock
880	928	Red bed	2595	2610	Blue lime
928	940	Lime & white chat			
940	955	Red bed.	2610	2645	Blue shale
955	965	Hard line	2645	2654	Gas sand burned
965	970	Red rock			6' above casing
970	1000	Lime & white chat	2654	2679	White lime
1000	1005	Blue mud	2679	2689	Gas sand (increased
1005	1100	Red rock			volume)
1100	1250	Fine white sand	2689	2694	Blue shale
1250	1600	Red bed	2694	2703	Red shale
1600	1655	Red sand and lime	2703	2727	Gray lime
1655	1660	Blue mud	2727	2749	Gas sand
1660	1670	Red bed	2749	2755	Blue and brown shale
1670	1680	Blue mud			broken
1680	1765	Red bed	2755	2762	Red rock
1765	1810	Water sand	2762	2764	Gray lime. T. D.
1810	1935	Red bed			
1935	1940	Blue shale			
1940	2085	Red bed			
2085	2100	Blue shale			
2100	2110	Gray sandy <i>sh</i>			
2110	2170	Blue shale			
2170	2182	Shale and lime			
2182	2200	Blue shale			
2200	2250	Gray shale and lime			
2250	2255	Sand and lime			
2255	2275	Blue and gray shale			
2275	2287	Blue shale			
2287	2293	Sandy gray lime			
2293	2300	Blue shale			
2300	2306	Gray shale			
2306	2310	Blue shale			
2310	2360	Gray sandy lime			
2360	2395	Sandy blue lime			
2395	2400	Blue shale			

REC'D.	
INDEX	
MAPS	
GRAPH	<i>cm</i>
TYPED	
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1-12

STATE: Kansas
COUNTY: Seward
LEASE: Chas. Sealy
OPERATOR: Seward Co. O & G Co.
Well No. 1 33-33W
LOCATION: NE $\frac{1}{4}$ Sec. 20-33-33W

ELEVATION: 2865'

Brown sandy clay	135	v	Grey lime	2437	
Water sand	185		Black slate	2444	
Sandy clay	205		Grey lime	2460	
Brown clay	270		Blue shale	2501	
Sand	315		Grey lime	2515	
Clay	340		Blue shale	2560	
Sand fine grey	380		Hard grey lime	2585	
Yellow clay	400		Pink rock	2595	
Blue mud	440		Blue lime	2610	
Sand	445		Blue shale	2645	
Red bed	870		Gas sand burned 6'		
Red sand	880		above casing	2654	
Red bed	928		White lime	2679	
Lime & white chat	940		Gas sand (increased volume)		
Red bed	955			2689	
Hard lime	965		Blue shale	2694	
Red rock	970		Red shale	2703	
Lime & white chat	1000		Grey lime	2727	
Blue mud	1005		Gas sand	2749	
Red rock	1100		Blue and brown shale		
Fine white sand	1250		broken	2755	
Red bed	1600		Red rock	2762	
Red sand and lime	1655		Grey lime	2764	T.D.
Blue mud	1660				
Red bed	1670				
Blue mud	1680				
Red bed	1765				
Water sand	1810				
Red bed	1935				
Blue shale	1940				
Red bed	2085				
Blue shale	2100				
Grey sandy	2110				
Blue shale	2170				
Shale and lime	2182				
Blue shale	2200				
Grey shale and lime	2250				
Sand and lime	2255				
Blue and grey shale	2275				
Blue shale	2287				
Sandy grey lime	2293				
Blue shale	2300				
Grey shale	2306				
Blue shale	2310				
Grey sandy lime	2360				
Sandy blue lime	2395				
Blue shale	2400				
Sandy grey lime	2410				
Blue shale	2415				
Sand and lime	2427				
Showing of gas	2437				