

REF# 15-195-23120-00-00		GEOLOGICAL REPORT	
COMPANY <u>Beilly Oil Company Inc.</u>		DRILLING TIME AND SAMPLE LOG	
LEASE <u>Kathleen #1-1</u>		ELEVATION	
FIELD <u>Cedar View</u>		KB <u>2260'</u>	
LOCATION <u>330' E of 1510' EEL</u>		DE <u>2258'</u>	
SEC <u>1</u> TMSR <u>145</u> RGE <u>22W</u>		GL <u>2253'</u>	
COUNTY <u>Iowa</u> STATE <u>Kansas</u>		Depths Measured From <u>Log KB Drilling KB</u>	
CONTRACTOR <u>STP Bldg LLC Bldg #1</u>		Casing <u>8" x 8" @ 220'</u>	
SPUD <u>4-26-21</u> COMP <u>5-2-21</u>		Surface Production <u>none</u>	
SAMPLES SAVED FROM <u>3350'</u> TO <u>4149'</u>		ELECTRIC LOSS <u>E.L.I.</u>	
FORMATION TOPS AND STRUCTURAL POSITION			
FORMATION	SAMPLE	E. LOG	DATE
Anhydrite	1652	1653 + 60.7	- 614
Base Anhydrite	1698	1698 + 56.2	- 573
Topok	3355	3356 - 108.1	- 1081
Heedner	3590	3590 - 133.0	- 1312
Lansing	3609	3609 - 134.9	- 1337
Base Kansas City	3625	3625 - 136.5	- 1354
Lansing	3871	3871 - 161.1	- 1596
Pawnee	3969	3969 - 170.9	- 1693
Cherokee Shale	4016	4017 - 175.7	- 1748
Consolidate	4058	4058 - 179.8	- 1819
Mississippian	4123	4123 - 186.3	- 1871
Total Depth	4149	4154 - 189.4	- 1871
REFERENCE WELLS			
A Beilly Oil Co. Leaver #1 437' E.W. 1450' EEL Sec. 12-145-22W			
B			
C			
D			

REMARKS
This well ran 11 feet lower on the Lansing top, and 15 feet lower on the Cherokee shale top than the reference well. Considering the low structural position and a lack of basal sand development led to a decision to plug and abandon this well.

Richard B. Bell
5-3-21

