

Division of Water Resources App. No.

KSA 82a-1212

Check: ☐ White Copy, ☐ Blue Copy, ☐ Pink Copy

DOWNEY DRILLING INC
 402 NORTH GRANT, LEXINGTON, NE 68850
 308-324-2303
HOLE LOG & WELL DESIGN

CUSTOMER NAME: JOHN LEISZLER

LEGAL: SW 13-4S-1E

COUNTY: WASHINGTON COUNTY, KS

GPS: N 39 42 04.84
W 97 16 13.17

0-17	TOP SOIL & FINE CLAY	
17-24	CLAY RED & GREY	
24-27	CLAY w/SANDSTONE LAYERS	
27-32	CLAY RED & GREY	
32-37	CLAY RED & GREY	
37-42	CLAY w/ BROWN & RED SANDSTONE	SANDSTONE IS TIGHT BUT UNCONSOLIDATED
42-47	CLAY RED & GREY	
47-52	CLAY RED & GREY	
52-57	CLAY RED & GREY w/ TRACE FINE SAND	
57-59	SANDSTONE RED w/CLAY - MIX, MORE CLAY THAN SANDSTONE	
59-62	CLAY w/VERY LITTLE SANDSTONE	
62-66	CLAY w/ TRACE SANDSTONE	
66-77	CLAY w/SILTY SAND & SANDSTONE	
77-84	CLAY & SANDSTONE & FINE SAND	
84-87	CLAY w/ SILTY SAND	
87-92	FINE SAND SILTY SAND & CLAY	
92-102	FINE SAND w/ LITTLE CLAY (SUGAR SAND)	
102-107	GREY SILTY SAND YELLOW w/ FINE SAND LAYERS	
107-117	FINE SAND w/ SILTY SAND CLAY	TURNING GREY TO TAN
117-118	SILTY SANDY CLAY	
118-122	FINE SAND w/SILTY SAND	
122-129	FINE SAND w/ SILTY SANDY CLAY	
129-133	SANDY CLAY w/ LITTLE FINE SAND	
133-137	FINE SAND	
137-141	FINE SAND	
141-148	SANDY CLAY & CLAY w/LITTLE FINE SAND	
148-152	FINE SAND w/ CLAY LAYERS	

152-154	FINE SAND w/ CLAY LAYERS	
154-167	CLAY – SANDY CLAY LITTLE FINE SAND LAYERS	
167-174	CLAY & SANDY CLAY	
174-175	FINE SAND & SANDSTONE	
175-182	CLAY & SANDY CLAY w/ LITTLE SAND LAYERS	
182-186	CLAY	
186-193	FINE-MED SAND LITTLE SANDY CLAY	GOOD
193-197.8	CLAY SANDY CLAY	
197.8-208	CLAY SANDY CLAY	
208-213.4	CLAY SANDY CLAY w/ TR FINE SAND & SANDSTONE & SILTY SAND	
213.4-220.4	SILTY SANDY CLAY & CLAY	
220.4-229	FINE SAND LAYERS w/ SILTY SANDY CLAY	
229-237.4	CLAY – SHALE & SILTY SANDY CLAY w/THIN SAND STRIPS	
237.4-243.4	SANDY STRIPS w/ CLAY & SHALE	
243-244	FINE SAND w/ TRACE ??? LIME	
244-256	FINE-MED-COARSE SAND FINE GRAVEL	
256-259	CLAY & SANDY CLAY	
259-261	CLAY & SANDY CLAY	
261-265	CLAY FINE SAND LAYERS w/ LIMESTONE LAYERS & CLAY	
265-272	CLAY – SANDSTONE HARD	