



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

$$\frac{\mathbb{E}}{\Phi} N$$

Company Quest Development Compar

Field Parmely

County Coffey State Kansas

Location	Other
----------	-------

2235' FNL & 278' FEL

NE-SE-SE-NE

[illegible]

Sec. 32 Twp. 22S Rge. 17E

Permanent Datum	GL	Elevation
1	GL	10.00
2	GL	10.00
3	GL	10.00
4	GL	10.00
5	GL	10.00
6	GL	10.00
7	GL	10.00
8	GL	10.00
9	GL	10.00
10	GL	10.00
11	GL	10.00
12	GL	10.00
13	GL	10.00
14	GL	10.00
15	GL	10.00
16	GL	10.00
17	GL	10.00
18	GL	10.00
19	GL	10.00
20	GL	10.00
21	GL	10.00
22	GL	10.00
23	GL	10.00
24	GL	10.00
25	GL	10.00
26	GL	10.00
27	GL	10.00
28	GL	10.00
29	GL	10.00
30	GL	10.00
31	GL	10.00
32	GL	10.00
33	GL	10.00
34	GL	10.00
35	GL	10.00
36	GL	10.00
37	GL	10.00
38	GL	10.00
39	GL	10.00
40	GL	10.00
41	GL	10.00
42	GL	10.00
43	GL	10.00
44	GL	10.00
45	GL	10.00
46	GL	10.00
47	GL	10.00
48	GL	10.00
49	GL	10.00
50	GL	10.00
51	GL	10.00
52	GL	10.00
53	GL	10.00
54	GL	10.00
55	GL	10.00
56	GL	10.00
57	GL	10.00
58	GL	10.00
59	GL	10.00
60	GL	10.00
61	GL	10.00
62	GL	10.00
63	GL	10.00
64	GL	10.00
65	GL	10.00
66	GL	10.00
67	GL	10.00
68	GL	10.00
69	GL	10.00
70	GL	10.00
71	GL	10.00
72	GL	10.00
73	GL	10.00
74	GL	10.00
75	GL	10.00
76	GL	10.00
77	GL	10.00
78	GL	10.00
79	GL	10.00
80	GL	10.00
81	GL	10.00
82	GL	10.00
83	GL	10.00
84	GL	10.00
85	GL	10.00
86	GL	10.00
87	GL	10.00
88	GL	10.00
89	GL	10.00
90	GL	10.00
91	GL	10.00
92	GL	10.00
93	GL	10.00
94	GL	10.00
95	GL	10.00
96	GL	10.00
97	GL	10.00
98	GL	10.00
99	GL	10.00
100	GL	10.00

Log Measured From	GL
Billions Measured From	GL

Drilling measured from GL

	08-25-2014	
--	------------	--

One	
-----	--

	1030.0	
--	--------	--

	1008.9	
--	--------	--

1007.9	
--------	--

200.0	
-------	--

Full

	Water	
--	-------	--

	$\mathbb{N}^A$	
--	----------------	--

	NA	
--	----	--

	NA	
--	----	--

0	0.0	
---	-----	--

ocation	107	Osawatoni	
---------	-----	-----------	--

[illegible]

		Hal Dvorachek

BORE-HOLE RECORD	CA
------------------	----

FROM	TO	SIZE	WGT.
------	----	------	------

00	400	7'00"	170#
----	-----	-------	------

400	10300	2875"	65#
-----	-------	-------	-----

	7 0		
	7 0 0 0		
	1 0 0		
	0 0 =		

[illegible][illegible]

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our

Drilling Contractor :
Bar Drilling, llc

Dataset Pathname: path
Presentation Format: gr-n-ccl
Dataset Creation: Mon Aug 25 13:19:47 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

150	Gamma Ray (cps)	150	-1 CCL 1	
150	Gamma Ray (cps)	300	10	Neutron (cps) 2100

