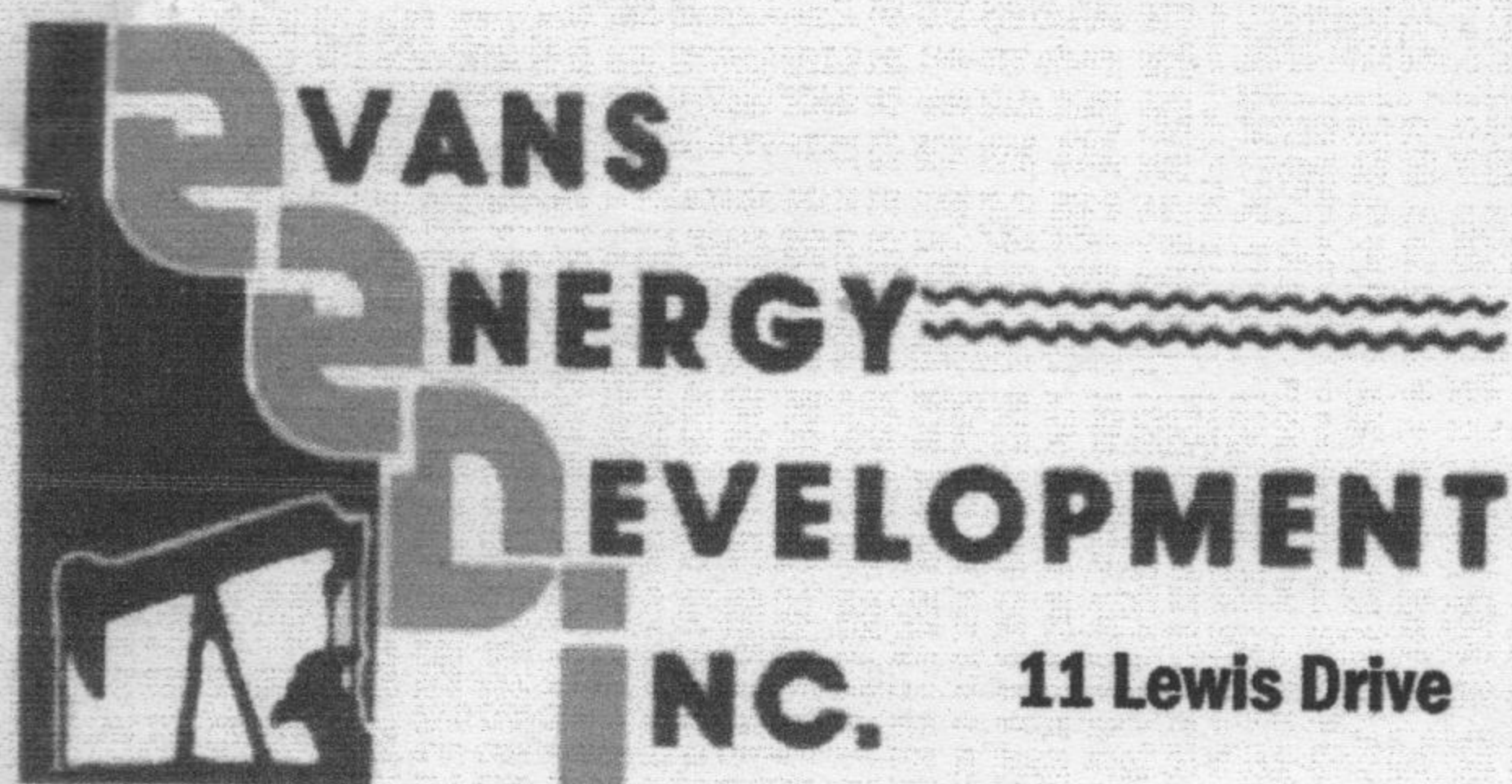




11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

Kansas Resource Exploration & Development, LLC

Roberts #KR-4

API#15-091-23,616

October 18 - October 19, 2011

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
6	soil & clay	6
3	shale	9
2	lime	11
2	shale	13
18	lime	31
6	shale	37
15	lime	52
3	shale	55
9	lime	64
4	shale	68
2	lime	70
22	shale	92
11	lime	103
2	shale	105
31	lime	136
12	shale	148
18	lime	166
36	shale	202
7	lime	209
26	shale	235
21	lime	256
39	shale	295
26	lime	321
8	shale	329
27	lime	356
11	shale	367
5	lime	376
174	shale	546
5	lime	551
3	shale	554
2	lime	556
141	shale	697
7	broken sand	704
1	oil sand	705

Roberts #KR-4

Page 2

Oil & Gas Well Drilling
Water Wells
Gas-Liquid Installation

1	broken sand	706
5	silty shale	711
69	shale	780 TD

Phone: 512-557-4542
Fax: 512-557-9934

Drilled a 9 7/8" hole to 21.9'

Drilled a 5 5/8" hole to 780'

WELL LOG

Exploration & Development, LLC

Roberts #KR-4

Set 21.9' of 7" surface casing cemented with 6 sacks of cement.

October 18 - October 19, 2011

Set 768.1' of 2 7/8" threaded and coupled 8 round upset tubing including 3 centralizers, 1 float shoe and 1 clamp.

1 clamp.	Formation	Total
0	soil & clay	0
1	shale	1
2	lime	2
3	shale	3
4	lime	4
5	shale	5
6	lime	6
7	shale	7
8	lime	8
9	shale	9
10	lime	10
11	shale	11
12	lime	12
13	shale	13
14	lime	14
15	shale	15
16	lime	16
17	shale	17
18	lime	18
19	shale	19
20	lime	20
21	shale	21
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28	lime	28
29	shale	29
30	lime	30
31	shale	31
32	lime	32
33	shale	33
34	lime	34
35	shale	35
36	lime	36
37	shale	37
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