



**EVANS
ENERGY
DEVELOPMENT
INC.**

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

A & L Energy Operations, LLC
Neis #N2
API #15-045-22,217
June 27 - June 30, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
13	soil & clay	13
7	shale	20
17	lime	37
3	shale	40
11	lime	51
12	shale	63
8	lime	71
2	shale	73
8	lime	81
36	shale	117
13	lime	130
48	shale	178
9	lime	187
15	shale	202
13	lime	215
3	shale	218
2	lime	220
18	shale	238
11	lime	249
25	shale	274
7	lime	281
4	shale	285
31	lime	316
11	shale	327
19	lime	346
4	shale	350
5	lime	355
1	shale	356
9	lime	365
3	shale	368
1	lime	369 base of the Kansas City
165	shale	534
4	lime	538
5	shale	543
1	lime	544
10	shale	554
7	lime	561
25	shale	586
5	sand	591 limey grey sand, no oil/gas

1	lime	592
4	shale	596
4	lime	600
8	shale	608 red bed
26	shale	634
1	broken sand	635 80% dark brown oil sand 20% limey sand ok bleeding
1	lime	636
0.5	broken sand	636.5 50% shale 50% oil sand ok bleeding
1.5	oil sand	638 dark brown sand good bleeding, gassy
4.5	broken sand	642.5 50% dark brown sand 50% shale ok bleeding, gassy
1	oil sand	643.5 dark brown sand good bleeding
5.5	broken sand	649 25% sand 75% shale, light bleeding
37	shale	686
1	lime/shells	687
2	shale	689
6	silty shale	695
17	shale	712 TD

Drilled a 9 7/8" hole to 44.9'

Drilled a 5 5/8" hole to 712'

Set 44.9' of 7" threaded and coupled surface casing cemented with 9 sacks of cement.

Set 690.60' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp.

	Core Times	
	<u>Minutes</u>	<u>Seconds</u>
634	2	9
635		55
636		45
637		44
638		44
639		43
640		39
641		48
642		40
643		44
644		55
645		48
646		52
647		49
648		48
649		46
650		51
651	1	0
652		44



CONSOLIDATED
Oil Well Services, LLC

269195

TICKET NUMBER 47358

LOCATION Oshtawa, KS

FOREMAN Casey Kennedy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/30/14	3898	Neis # N-2	SW 32	13	21	DG

CUSTOMER
A+L Energy

MAILING ADDRESS
575 Madison Ave 22nd Fl

CITY New York STATE NY ZIP CODE 10022

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>729</u>	<u>Cashen</u>	<input checked="" type="checkbox"/>	<u>Safety Meeting</u>
<u>666</u>	<u>Kei Car</u>	<input checked="" type="checkbox"/>	
<u>558</u>	<u>Mat Coc</u>	<input checked="" type="checkbox"/>	
<u>319</u>	<u>Mik Haa</u>	<input checked="" type="checkbox"/>	

JOB TYPE logstring HOLE SIZE 5 5/8" HOLE DEPTH 712' CASING SIZE & WEIGHT 2 3/8" EUE

CASING DEPTH 691' DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____

DISPLACEMENT 4.00 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200# Premium Gel followed by 10 bbls fresh water, mixed & pumped 75 sks o/w cement w/ 1/4 # Floreal per sk, cement to surface, killed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 4.00 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

Handwritten signature

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00
5406	30 mi	MILEAGE		126.00
5402	691'	casing footage		
5407	minimum	tax mileage		368.00
5502C	2 hrs	80.00/hr		200.00
1126	75 sks	O/W cement	1481.25	
118B	200 #	Premium Gel	44.00	
1107	19 #	Floreal	46.93	
		materials	1572.18	
		-30%	471.65	
		subtotal		1100.53
4402	1	2 1/2" rubber plug		29.50
			3495.20	
		7.5%	SALES TAX	80.81
			ESTIMATED TOTAL	2989.84

Ravin 3737

AUTHORIZATION No Co Rep on location TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form