



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**

L & P Enterprises, LLC

Wiseman #N3

API#15-121-30,470

July 23 - July 24, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
7	soil & clay	7
16	lime	23
4	shale	27
11	lime	38
12	shale	50
52	lime	102
90	shale	192
18	lime	210
32	shale	242
5	lime	247
36	shale	283
13	lime	296
15	shale	311
27	lime	338
6	shale	344
25	lime	369
3	shale	372
15	lime	387 base of the Kansas City
27	shale	414
6	broken sand	420 brown & grey, good bleeding
78	shale	498
5	broken sand	503 brown & grey, light bleeding
60	shale	563
6	lime	569
26	shale	595
5	lime	600
17	shale	617
3	lime	620
32	shale	652
2	lime	654
3	shale	657
1	lime	658
7	shale	665
1	coal	666
19	shale	685
4	broken sand	689 brown & green, no bleeding
4	oil sand	693 brown 10% bleeding
0.5	broken sand	693.5 brown & green, no bleeding
2	limey sand	695.5 brown & white, no bleeding

4.5	oil sand	700 brown, 5% bleeding
0.5	broken sand	700.5 brown & grey, no bleeding
2	oil sand	702.5 brown no bleeding
0.5	broken sand	703 brown & grey, no bleeding
4	oil sand	707 brown 50% bleeding
3.5	limey sand	710.5 brown & white, 5% bleeding
5.5	oil sand	716 brown 40% bleeding
1	limey sand	717 white, no oil
1	oil sand	718 brown & white, 80% bleeding
1	limey sand	719 white, no oil
0.5	oil sand	719.5 brown, 100% bleeding
2	limey sand	721.5 white, no oil
1.5	oil sand	723 black, 100% bleeding
38	shale	761 TD

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 761'

Set 22' of 7" surface casing threaded and coupled cemented with 5 sacks of cement

Set 751' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp

	<b>Core Times</b>	
	<u>Minutes</u>	<u>Seconds</u>
686		49
687		30
688		27
689		26
690		21
691		24
692		25
693		27
694		56
695		51
696		30
697		26
698		24
699		27
700		26
701		29
702		26
703		28
704		27
705		25
706		29
707		28
708		46
709		47
710	1	33
711		30
712		27
713		23
714		20
715		24
716		23
717	2	3
718	1	35
719		44
720	1	11
721		35
722		30



**CONSOLIDATED**  
Oil Well Services, LLC

269945

TICKET NUMBER 47502

LOCATION Ottawa, KS

FOREMAN Cory 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
7/24/14	4828	Wiseman # N-3	NW5	17	22	MI

CUSTOMER  
L + P Enterprises

MAILING ADDRESS  
29975 Indianapolis Rd

CITY Paola STATE KS ZIP CODE 66071

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casey	✓	Safety Meeting
666	Kei Car	✓	
510	Dustweb	✓	
370	Mat Coc	✓	

JOB TYPE log string HOLE SIZE 5 5/8" HOLE DEPTH 7161' CASING SIZE & WEIGHT 2 7/8" EUE

CASING DEPTH 751' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_

DISPLACEMENT 4.35 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 101 #s 50/50 Pozmix cement w/ 2% gel + 10 # Phenoseal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 4.35 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	on lease	MILEAGE		
5402	751'	casing footage		
5407	1/2 minimum	van mileage		184.00
5502C	1.5 hrs	DD Vac		150.00
1124	101 #s	50/50 Pozmix cement	1161.50	
118B	370 #	Premium Gel	81.40	
1107A	51 #	Phenoseal	168.85	
		materials	1311.75	
		-30%	393.53	
		Subtotal		918.22
4402	1	2 1/2" rubber plug		29.50
			2862.86	
		7.65%	SALES TAX	72.50
			ESTIMATED TOTAL	2439.22

Ravin 3737

AUTHORIZATION \_\_\_\_\_

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