



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

Donner #D34

API#15-121-31,499

September 12 - September 13, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
4	lime	9
13	shale	22
31	lime	53
4	shale	57
5	lime	62
1	shale	63
13	lime	76
91	shale	167
18	lime	185
5	shale	190
4	lime	194
20	shale	214
6	lime	220
37	shale	257
13	lime	270
16	shale	286
25	lime	311
9	shale	320
23	lime	343 oil show
3	shale	346
6	lime	352
3	shale	355
6	lime	361
21	shale	382
5	silty shale	387
4	sand	391 brown & green, ok oil show, gassy
4	broken sand	395 brown sand laminated with shale, light bleeding, gassy
3	silty shale	398
76	shale	474
1	limy sand	475 hard grey sand, no show
3	broken sand	478 grey sand & shale, light oil show
52	shale	530
8	lime	538 50% brown sand, 50% green shale, gassy
6	shale	544
3	lime	547
25	shale	572
7	lime	579

14	shale	593
4	lime	597
2	shale	599
1	coal	600
11	shale	611
3	lime	614
14	shale	628 623 red bed
4	lime	632
13	shale	645
5	silty shale	650
2.5	oil sand	652.5 brown sand, good bleeding, gassy
1	lime	653.5
2.5	oil sand	656 brown sand, good bleeding, gassy
6.5	broken sand	662.5 20% brown sand 80% shale, ok bleeding
6.5	silty shale	669
53	shale	722 TD

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 722'

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

Set 712' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe, 1 clamp

Core Times		
	<u>Minutes</u>	<u>Seconds</u>
650		50
651		41
652	1	14
653	1	33
654		41
655		31
656		37
657		37
658		45
659		31
660		46
661		57
662		40
663		45
664		52
665		48
666		55
667		51
668		45
669		47



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

TICKET NUMBER 54229

LOCATION Ottawa, Ks

FOREMAN Brad Butler

**FIELD TICKET & TREATMENT REPORT
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-12-18	4828	DONNER D #34	NW 5	17S	22E	Miami
CUSTOMER LSP Enterprises, LLC						
MAILING ADDRESS 29975 Indianapolis Rd						
CITY Paola	STATE Ks.	ZIP CODE 66071				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			467	Keith		Jimmy
			548	Harold		
			675	Keith D.		
			702	Brad		

JOB TYPE Logstring HOLE SIZE 5 7/8" HOLE DEPTH 721' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 7/8" or 712" OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 4 Bbls DISPLACEMENT PSI 200 MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 2 7/8", pumped 5 Bbls water ahead, 4 Bbl gel flush followed with 5 Bbls water spacer. Mixed 87 sacks 50/50 Pozmix cement w/ 22 gal = 1/2 lb. P/SK of Pheno-SEAL. Shut down Washout Pump + Lines - Drop Rubber Plug, displace Plug with 4 Bbls water. Signal pumping at 200 psi. Land Plug with 700 psi. wait a few minutes - Release Pressure, Float Hold. Job complete with good cement returns = 4 Bbls slurry to pit.

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0450	1	PUMP CHARGE	1500.00	1500.00
CE 0002	20	MILEAGE	7.15	143.00
CE 0711	1/2 m/c	Bulk Truck charge	660.00	330.00
WE 0853	1.5 Hrs	Water Truck	100.00	150.00
CC 5840	87 sacks	50/50 Pozmix cement	13.50	1174.50
CC 5965	146 lbs	Gel 22	.30	43.80
CC 6079	44 lbs	Pheno-SEAL 1/2 lb P/SK	1.35	59.40
CP 8176	1	2 7/8" Top Rubber Plug	45.00	45.00
CC 5965	100 lbs	Bentonite Gel Flush	.30	30.00
			Sub Total	3475.70
			Discount 40%	-1390.28
				2085.42
			SALES TAX	64.93
			ESTIMATED TOTAL	2150.35
				(3753.76)

Ravin 3737
 AUTHORIZATION [Signature] 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.

