



24 S. Gold Paola, KS 66071

Allen's Holdings & Investments  
 Oil & Gas Well Drilling  
 Water Wells  
 Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**

M.J.T. Enterprises

Hunt #16-I

API #15-121-31574

March 27 - March 28, 2019

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil & clay	11
15	shale	26
21	lime	47
13	shale	60
9	lime	69
32	shale	101
2	lime	103
7	shale	110
8	lime	118
2	shale	120
5	lime	125
9	shale	134
26	lime	160
2	shale	162
1	lime	163
7	shale	170
22	lime	192
6	shale	198
4	lime	202
1	shale	203
7	lime	210 base of the Kansas City
19	shale	229
1	limey sand	230 hard, grey sand
5	broken sand	235 grey sand & shale light gas odor
5	silty shale	240
77	shale	317
2	limey sand	319
29	shale	348 red bed (340)
3	sand	351
3	silty shale	354
9	shale	363
5	sand	368 light brown light oil show, gassy
1	limey sand	369 white no show
2	oil sand	371 soft brown sand good bleeding, gassy
2	limey sand	373 white hard minimal oil show
1	oil sand	374 soft brown sand, good bleeding
1	limey sand	375 white hard minimal oil show
14	lime	389

42	shale	431
2	coal	433
7	shale	440
3	lime	443
3	shale	446
1	lime	447
10	shale	457
2	lime	459
14	shale	473
6	lime	479
24	shale	503
4	lime	507
5	shale	512
7	lime	519 brown some oil show
2	shale	521
2	silty shale	523
3	broken sand	526 brown sand & shale ok bleeding
4	oil sand	530 brown sand, good bleeding
2	broken sand	532 40% brown sand 60% shale ok bleeding
14	silty shale	546
21	shale	567
1	lime & shells	568
4	silty shale	572
7	shale	579 TD

Drilled a 9 7/8" hole to 21.5'

Drilled a 5 5/8" hole to 579'

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Set 21.5' of 7" surface casing threaded and coupled, cemented with 5 sacks cement.

Set 569' of new 2 7/8" 8 round upset tubing including 3 centralizers, 1 float shoe, 1 clamp



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

100314  
 40517

TICKET NUMBER 55543  
 LOCATION Ottawa, KS  
 FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT  
 CEMENT

Invoice # 900637

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/28/19	5472	Hunt # 16-I	SE 7	18	22	MI
CUSTOMER MST Enterprises			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 37411 John Brown Highway			729 Casken ✓ Safety Meeting			
CITY STATE ZIP CODE Osawatimie KS 66064			407 Kei Car ✓			
			503 Ala Mad ✓			
			369 Har Bec ✓			

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 579' CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 562' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 3.29 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100# Gel followed by 5 bbls fresh water, mixed & pumped, 56 sks Thixoblend II cement w/ 1# Phenoseal per sk, cement to surface, flushed pump down, pumped 2 1/2" rubber to casing TD w/ 3.29 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure to set float valve.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	25 mi	MILEAGE	178.75	
CE0711	min	for mileage	600.00	
WE0853	2 hrs	80 Vac	200.00	
		Trucks	2538.75	
		-45%	1142.44	
		Subtotal		1396.31
CC5861	56 sks	Thixoblend II cement	1512.00	
CC6079	56 #	Phenoseal	75.60	
CP8766	1	2 1/2" rubber plug	45.00	
CC5965	100 #	Gel	30.00	
		materials	11662.60	
		-45%	748.17	
		Subtotal		914.43
		SALES TAX 8%	73.15	
		ESTIMATED TOTAL		2383.89
				4334.36

SCANNED

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.