



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 #18-I

API #15-121-31,576

March 26 - March 27, 2019

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
11	soil & clay	11
7	shale	18
21	lime	39
14	shale	53
8	lime	61
32	shale	93
1	lime	94
8	shale	102
10	lime	112
1	shale	113
4	lime	117
10	shale	127
26	lime	153
1	shale	154
1	lime	155
8	shale	163
23	lime	186
5	shale	191
3	lime	194
2	shale	196
7	lime	203 base of the Kansas City
28	shale	231
3	broken sand	234 badly broken grey sand & shale, gassy
2	silty shale	236
3	broken sand	239 badly broken grey sand & shale, gassy
3	silty shale	242
67	shale	309
3	limey sand	312 green, no odor, no show
29	shale	341
2	broken sand	343 light brown sand & shale, gassy, light oil show
1	limey sand	344 no show
2	broken sand	346 brown sand & shale, light oil show, gassy
1	silty shale	347
1	limey sand	348 white, no oil
10	silty shale	358
2	broken sand	360 brown sand & shale, light oil show, gassy
4	oil sand	364 brown sand, ok oil show, gassy

3	oil sand	367 limey hard sand, light oil show
6	lime	373
2	shale	375
2	lime	377
1	shale	378
1	lime	379
51	shale	430
7	lime	437
12	shale	449
3	lime	452
15	shale	467
10	lime	477
20	shale	497
1	lime	498
8	shale	506
6	lime	512 oil show
4	shale	516
1	silty shale	517
2	broken sand	519 brown sand & shale, ok bleeding
15	oil sand	534 dark brown sand, good saturation, good bleeding
3	silty shale	537
43	shale	580 TD

Drilled a 9 7/8" hole to 21.5'

Drilled a 5 5/8" hole to 580'

Set 21.5' of new 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 800-467-8876

100304  
40S11

TICKET NUMBER 55571

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT  
CEMENT

Invoice # 900629

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/27/19	5472	Hunt # 18-I	SE 7	18	22	M1
CUSTOMER MST Enterprises			TRUCK #			
MAILING ADDRESS 37411 John Brown Highway			DRIVER			
CITY Osawatomie		STATE KS	ZIP CODE 660064	TRUCK #		
				DRIVER		

JOB TYPE <u>long string</u>	HOLE SIZE <u>5 5/8"</u>	HOLE DEPTH <u>580'</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>
CASING DEPTH <u>569'</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING
DISPLACEMENT <u>3.29 bbls</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>4 bpm</u>

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Gel followed by 5 bbls fresh water, mixed & pumped 59 sks Thixoblend II cement w/ 1 # Phenoseal per sk, cement to surface. flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 3.29 bbls 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	660.00	
WEC853	2 hrs	JO Vac	200.00	
		trucks	2538.75	
		- 45%	1142.44	
		Subtotal		1396.31
CC 5861	59 sks	Thixoblend II cement	1593.00	
CC 5965	100 #	Gel	30.00	
CC 6079	59 #	Phenoseal	79.65	
CPB176	1	2 1/2" rubber plug	45.00	
		materials	1747.65	
		- 45%	786.44	
		Subtotal		961.21
<b>SCANNED</b>				
		8%	SALES TAX	76.90
			ESTIMATED TOTAL	2434.42
				(4426.21)

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.