

Johnson County, KS
 Well: Thomas B 22
 Lease Owner: ST Petroleum

Town Oilfield Service, Inc.
 (913) 837-8400

Commenced Spudding:
 10/8/2013

WELL LOG

Thickness of Strata	Formation	Total Depth
10	Soil-Clay	10
9	Sandstone	19
41	Shale	60
3	Lime	63
3	Shale	66
16	Lime	82
7	Shale	89
8	Lime	97
6	Shale	103
22	Lime	125
5	Shale	130
18	Sand	148
24	Lime	172
22	Sandy Shale	194
10	Lime	204
14	Shale	218
21	Lime	239
14	Shale	253
9	Lime	262
19	Shale	281
8	Lime	289
5	Shale	294
5	Lime	299
44	Shale	343
26	Lime	369
6	Shale	375
25	Lime	400
3	Shale	403
4	Lime	407
4	Shale	411
6	Lime	417
107	Shale	524
6	Sand	530
3	Sandy Shale	533
54	Shale	587
5	Lime	592
2	Shale	594
2	Lime	596
8	Shale	604
8	Lime	612

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Thickness of Strata	Formation	Total Depth	Remarks
4	sandy shale	693	
50	shale	743	
6	sand	749	odour, ok show
2	Broken sand	751	
4	sandy shale	755	
17	shale	772	
3	Lime	775	
10	shale	785	
4	sand	789	may, no oil
11	shale	800	
2	Broken sand	802	no oil
2	sand	804	odour, 20% - 30% oil
4	sand	808	no oil
4	sandy shale	812	
7	shale	819	
6	sand	825	no oil
37	shale	862	
6	Broken sand	868	no oil
3	sand	871	odour, 40% - 50% oil ok bleeding
1	sand	872	20% - 30% oil
1	sand	873	15% - 20% oil
1	sand	874	25% oil
2	sand	876	60% - 70% oil
1	Broken sand	877	5% - 10% oil
1	shale	878	
2	coal	880	
2	Broken sand	882	no oil



CONSOLIDATED
Oil Well Services, LLC

263012

TICKET NUMBER 44732

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-487-8878

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-9-13	7532	Thomas "B" 02	N E 31	14	22	JD
CUSTOMER			TRUCK #			
ST Petroleum Inc			712	FreMad		
MAILING ADDRESS			495	HarBar		
18800 Sunflower Rd			675	KaiDat		
CITY	STATE	ZIP CODE	503	DonDat		
Edgerton	KS	66021				

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 950 CASING SIZE & WEIGHT 2 3/4 EUE
 CASING DEPTH 912 DRILL PIPE _____ TUBING 905 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 8' + Plug
 DISPLACEMENT 5.26 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safely meeting. Establish pump rate. Mix + Pump 100% Gel Flush. Mix + Pump 130 SKS 50/50 for Mix Cement 2% Gel 50 BBL 50 BBL. 4" Flo Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 1/2" Rubber plug to Baffle in casing. Pressure to 800 PSI. Release pressure to set float valve. Shut in casing.

TOS Drilling - Chad Weaver

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402	912	Casing footage		N/C
5407	Minimum	Ton Miles	583	366 ⁰⁰
5502C	1 1/2 hr	50 BBL Vac Truck	675	135 ⁰⁰
1124	130 SKS	50/50 Pre Mix Cement		1495 ⁰⁰
1118B	319 #	Premium Gel		70 ¹⁵
1107	33 #	Flo Seal		81 ⁵¹
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.375%	SALES TAX
				ESTIMATED TOTAL
				123 ⁶³
				3513 ⁸²

Rev'n 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