

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Thohoff V9
 API # 15-001-31206-00-00
 SPUD DATE 9-9-14

Footage	Formation	Thickness	Set 21' of 8 5/8"
2	Topsoil	2	TD 1134'
10	lime	8	Ran 1120' of 4 1/2 on 9-11-14
12	shale	2	
20	lime	8	
96	shale	76	
137	lime	41	
150	shale	13	
169	sand	19	
172	lime	3	
177	shale	5	
180	lime	3	
185	shale	5	
196	lime	11	
215	shale	19	
219	lime	4	
223	shale	4	
290	lime	67	
295	shale	5	
325	lime	30	
331	shale	6	
350	lime	19	
353	red bed	3	
515	shale	162	Hertha
536	lime	21	
538	shale	2	
550	lime	12	
624	shale	74	
639	lime	15	
648	shale	9	
652	lime	4	
674	shale	22	
707	lime	33	
805	shale	98	
809	lime	4	
993	shale	184	
1000	oil sand	7	80% sand, 20% shale, good bleed
1010	oil sand	10	80% sand, 20% shale, light show
1018	oil sand	8	good show
1020	oil sand	2	light show
1024	sandy shale	4	80% show, 20% sand, light show
1041	sand	17	good show
1046	oil sand	5	excellent bleed, lots of oil
1056	sand	10	slight bleed
1059	sand	3	no show
1060	coal	1	Riverton
1094	shale	34	
1134	lime	40	Mississippi

Hurricane Services, Inc.
 104 Prairie Plaza Parkway
 Garnett, KS 66032
 Office # 785-448-3100
 Toll Free # 855-718-8027



Ticket Nº 50388
 Location _____
 Foreman Joe Blanchard

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
9-11-14		V9 Thohoff		Allen
Customer	Mailing Address		City	State Zip
Vast Petro				

Job Type:

Leubsteing	Casing TD 1122	Truck #	Driver
Hole Size: 6 3/4	Casing Size: 4 1/2	26	Joe
Hole Depth: 1134	Displacement: 18	231	Tom
Bridge Plug:	Casing Weight:	108	Jeff G
Packer:	Displacement PSI: 450	110	Arnold
	Tubing:	241	Amos/Jesse
	Cement Left in Casing: 0	Extra	Alex
	PBTD:		

Quantity Or Units	Description of Services or Product	Pump charge	
25 mi	Mileage Pump truck # 231	\$3.25/Mile	81. ²⁵
25 mi	Pick up #26	1. ⁰⁰	37. ⁵⁰
125 SK	owc Cement	17. ²⁵	2243. ⁷⁵
200 LB	Prem Gel Sweep	.30	60. ⁰⁰
4600 Gal	Garnett water	1.3	59. ⁰⁰
2 hr	80 vac # 108	84. ⁰⁰	168. ⁰⁰
2 hr	80 vac # 110	84. ⁰⁰	168. ⁰⁰
1 ea	Wire line	50. ⁰⁰	50. ⁰⁰
5.8 Tons	Bulk Truck minimum charge # 241	\$1.15/Mile	300. ⁰⁰
1	Plugs 4 1/2 Top Plug	38. ⁰⁰	38. ⁰⁰
	Subtotal		3996. ³⁰
	Sales Tax		
	Estimated Total		

Remarks: Hook auto Casing Achieved Circulation Pump 15 bbl Gel Sweep followed by 19 bbl water spacer. + 125 SKS owc Cement. Flush Pump. Pump Plug to bottom + Set float shoe. Cement to Surface.

(Rev 1-2011)

Customer Signature _____