

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

Thohoff V33  
 API # 15-001-31218-00-00  
 SPUD DATE 10-07-14

Footage	Formation	Thickness	Set 21' of 8 5/8" TD 1055' Ran 1051' of 4 1/2 on 10-09-14
2	Topsoil	2	
14	clay	12	
18	river grave/shale	4	
33	shale	15	
76	lime	43	
118	shale	42	
132	lime	14	
161	shale	29	
220	lime	59	
226	shale	6	
274	lime	48	
279	shale	5	
290	lime	11	
453	shale	163	Hertha
460	lime	7	
474	shale	14	
486	lime	12	
500	shale	14	
512	lime	12	
525	shale	13	
529	lime	4	
549	shale	20	
552	lime	3	
560	shale	8	
567	lime	7	
569	shale	2	
575	lime	6	
611	shale	36	
615	lime	4	
631	shale	16	
647	lime	16	
754	shale	107	
760	lime	6	
935	shale	175	
940	oil sand	5	strong odor, good bleed
950	oil sand	10	light show, good odor
978	oil sand	28	strong odor, good bleed
982	oil sand/shale	4	good odor, light bleed
985	sand	3	no oil
1007	shale	22	
1055	lime	48	Mississippi

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



Ticket Nº 50414  
 Location \_\_\_\_\_  
 Foreman Joe Blanchard

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
10-9-14		Thohoff V33		Allen
Customer		Mailing Address	City	State Zip
VAST				

Job Type:

			Truck #	Driver
Logstring	Casing TD 1051		26	Joe
Hole Size: 6 3/4	Casing Size: 4 1/2	Displacement: 16.68	231	TAM
Hole Depth: 1055	Casing Weight:	Displacement PSI: 450	240	Pete
Bridge Plug:	Tubing:	Cement Left in Casing: 0	109	Scott
Packer:	PBTD:			

Quantity Or Units	Description of Services or Product	Pump charge	
25 mi	Mileage Pump truck # 231	\$3.25/Mile	790. <sup>00</sup> 81. <sup>25</sup>
25 mi	Pick up # 26	1. <sup>50</sup>	37. <sup>50</sup>
137 SK	OWC Cement	17. <sup>95</sup>	2459. <sup>15</sup>
200 LB	Prem Gel Sweep	.30	60. <sup>00</sup>
2 hr	80 vac # 109	84. <sup>00</sup>	168. <sup>00</sup>
6700 Gal	H <sub>2</sub> O on location. Customer supplied	NC	NC
			5% DC
			Bid Price
6.43 Tons	Bulk Truck Minimum charge # 240	\$1.15/Mile	300. <sup>00</sup>
1	Plugs 4 1/2 Top Plug	38. <sup>00</sup>	38. <sup>00</sup>
		Subtotal	
		Sales Tax	
		Estimated Total	

Remarks: Casing TD 1051. Baffle Set 30ft up at 1021.

Hook onto Casing achieve circulation Pump 20 bbl Gel Sweep Followed by 20 bbl water spacer & 137 SKS owc. Flush pump. Pump Plug to bottom & Set Float shoe. Cement to Surface.