

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

Carter #V-11
API # 15-121-30240-00-00
SPUD DATE 04-22-14

Footage	Formation	Thickness	Set 20' of 8 5/8" TD 447' Ran 437' of 4 1/2 on 04-23-14
2	Topsoil	2	
7	clay	5	
9	lime	2	
11	clay	2	
39	shale	28	
42	lime	3	
67	shale	25	
74	lime	7	
82	shale	8	
96	lime	14	
107	shale	11	
164	lime	57	
167	shale	3	
185	lime	18	
336	shale	151	
340	oil sand	4	good odor, little show
342	oil sand	2	good odor, strong bleed
344	lime	2	
352	oil sand	8	good odor, strong bleed
359	oil sand	7	good odor, good bleed (shale streaks)
378	shale	19	
385	lime	7	
391	shale	6	
398	lime	7	
405	shale	7	
411	lime	6	
429	shale	18	
431	lime	2	
442	shale	11	

Hurricane Services, Inc.
 3613 A Y Road
 Madison, KS 66860
 Office # 620-437-2661
 Brad Cell # 620-437-6765



Ticket Number 100451
 Location _____
 Foreman Dwayne / Joe

Cement Service ticket

Date	Customer #	Well Name & Number	Sec./Township/Range	County
4-23-14		Carter V-11	29 17 23	Miami
Customer	Mailing Address		City	State Zip
Vast Petro Corp	10439 N Alameda #510		Highland Utah	84003

Job Type:	Buff 410	Truck #	Driver
Long String	437	230	Alex
Hole Size: 6 3/4"	Casing Size: 4 1/2"	Displacement: 6.4	241 Amos
Hole Depth: 442	Casing Weight:	Displacement PSI:	111 Tylor
Bridge Plug:	Tubing:	Cement Left in Casing: 0	110 Scott
Packer:	PBTD:		25 Dwayne

Quantity Or Units	Description of Services or Product	Pump charge	
25 mi.	Mileage Cement Pump	\$3.25/Mile	790.00
25 mi.	Pickup	1.5 mi	81.25
80 Sacks	50-50 Pbz mix		11.3050
154 Lbs	Prem Gel In cement		904
200 Lbs	Prem Gel Sweep		.30 lb 40.20
20 Lbs	Flo Seal		.30 lb 60.00
4600 Gal	Water		2.15 lb 43.00
		1.3 gal	59.00
2.5 hr	Water Truck 110		84.00 210.00
2.5 hr	Water Truck 111		84.00 210.00
1	Wire Line		50.00 N/C
3.36 Tons	Bulk Truck Minimum		1.30
		\$1.15/Mile	300.00
1	Plugs 4 1/2 Rubber Plug		38.00 38.00
		Subtotal	2773.75
		Sales Tax	
		Estimated Total	

Remarks: Hooked on to casing Est. Circulation Then Pumped 100 BBL Gel Sweep Followed By 15 BBL Pad and Start cement Pumped 80 Sacks of cement Stopped and Flushed pump. Then Pumped wiper Plug to Bottom and Set Float Shoe.

Scott G
 Customer Signature