

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

Carter #V-19  
API # 15-121-30227-00-00  
SPUD DATE 04-21-14

Footage	Formation	Thickness	Set 20' of 8 5/8" TD 442' Ran 437' of 4 1/2 on 04-22-14
2	Topsoil	2	
11	lime	9	
42	shale	31	
44	lime	2	
69	shale	25	
72	lime	3	
83	shale	11	
98	lime	15	
110	shale	12	
137	lime	27	
145	shale	8	
184	lime	39	
331	shale	147	
338	lime	7	
346	oil sand	8	good odor, light show (hard)
350	lime	4	good odor, good show
356	oil sand	6	
378	shale	22	good odor, good heavy show
384	lime	6	
404	shale	20	
418	lime	14	
427	shale	9	
442	lime	15	

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



Ticket Number 100424  
 Location \_\_\_\_\_  
 Foreman Dwayne / Joe

**Cement Service ticket**

Date	Customer #	Well Name & Number	Sec./Township/Range	County
4/22/14		Center V-19	29-12-23	Miami
Customer		Mailing Address	City	State Zip
Vast Petro		10439 N Alpine Hwy #510	Hwy 2 land	Utah 84003

Job Type:	Baffle 4 1/2			Truck #	Driver
Long string	442		231	Tom	
Hole Size: 6 3/4	Casing Size: 4 1/2	Displacement: 6.4	241	Amos	
Hole Depth: 2147	Casing Weight:	Displacement PSI: 250	110	Scott	
Bridge Plug:	Tubing:	Cement Left in Casing: 0	111	Tyler	
Packer:	PBTD:		25	Dwayne	

Quantity Or Units	Description of Services or Product	Pump charge	
2.5 mi	Mileage Cement Pump	\$3.25/Mile	790.00
2.5 mi	Pickup	1.5	37.50
90 sacks	50-50 Poz Cement	11.30	1017.00
151 lbs	Prem Gel In cement	.30 lb	45.30
200 lbs	Prem Gel Sweep	.30 lb	60.00
<del>water</del>			
4600 Gal	Water	1.3 \$ gal	5980.00
2.5 hr	Water Track	84 hr	210.00
2.5 hr	Water Track	84 hr	210.00
1	Wire Line	50.00	N/C
Tons	Bulk Truck minimum	\$1.15/Mile	300.00
1	Plugs 4 1/2 Rubber Plug	38.00	38.00
		Subtotal	2848.85
		Sales Tax	
		Estimated Total	

Remarks: Installed cement head Achieved. circulation. Pumped Gel 200<sup>th</sup> Sweep followed by 7 bbl dye of 90 SKS Cement to get dye to surface. Flushed Pump. Pumped Plug to bottom of set float stop

Customer Signature \_\_\_\_\_