

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

Werts #10
API # 15-045-22209-00-00
SPUD DATE 05-08-14

Footage	Formation	Thickness	Set 40' of 7"
2	topsoil	2	TD 800'
10	sandy clay	8	Ran 796' of 2 7/8 on 05-09-14
21	clay	11	
93	shale	72	
124	lime	31	
130	shale	6	
138	lime	8	
147	shale	9	
158	lime	11	
198	shale	40	
206	lime	8	
265	shale	59	
298	lime	33	
315	shale	17	
328	lime	13	
356	shale	28	
458	lime	102	
610	shale	152	hertha
616	lime	6	
710	shale	94	
720	oil sand	10	good odor, good bleed
724	sandy shale	4	little odor, little show
800	shale	76	



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

268106

TICKET NUMBER 47186
LOCATION Ottawa, KS.
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-9-14	5700	Wertz # 10	SW			DG.

CUSTOMER: Magnum Exploration Kansas LLC
MAILING ADDRESS: 8768 County Rd 262
CITY: Clyde STATE: Tx ZIP CODE: 79510

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Frc Mad		
495	Har Bro		
675	Kai Det		
558	Mat Coc		

JOB TYPE: Longstring HOLE SIZE: 5 7/8 HOLE DEPTH: 800' CASING SIZE & WEIGHT: 2 7/8 EUE
CASING DEPTH: 796 DRILL PIPE: _____ TUBING: _____ OTHER: _____
SLURRY WEIGHT: _____ SLURRY VOL: _____ WATER gal/sk: _____ CEMENT LEFT in CASING: 2 1/2" Plug
DISPLACEMENT: 4.63 DISPLACEMENT PSI: _____ MIX PSI: _____ RATE: 5BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mix & Pump 100# Gel Flush. Mix & Pump 135 sks 50/50 Por Mix Cement 2 7/8 Gel 2 7/8 Calcium Chloride 1/4" Flo Seal/sk. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to 800# PSI. Release pressure to set float valve.

Next Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00
5406	25mi	MILEAGE	495	105.00
5402	796	Casing footage		N/C
5407	Minimum	Ton Miles	558	368.00
55020	1 1/2 hr	80 BBL Vac Truck	675	1012.50
1124	135 sks	50/50 Por Mix Cement	1552.50	
1188	327#	Premium Gel	7124	
1102	227#	Calcium Chloride	177.06	
1107	34#	Flo Seal	8328	
		Material	1825.45	
		Less 50%	-565.64	
		Total	1319.81	1319.81
4402	1	2 1/2" Rubber Plug		29.50
			3759.89	
			7.1522	
		SALES TAX		96.47
		ESTIMATED TOTAL		3153.81

Rayin 3737

AUTHORIZATION

[Signature]

TITLE

Eng.

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.