

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

Thrasher #1
 API # 15-045-22212-00-00
 SPUD DATE 05-05-14

Footage	Formation	Thickness	Set 40' of 7"
1	topsoil	1	TD 850'
16	sand	15	Ran 844' of 2 7/8 on 05-07-14
63	shale	47	
72	sand	9	
80	lime	8	
83	shale	3	
89	sand	6	
102	lime	13	
115	shale	13	
117	lime	2	
122	shale	5	
144	lime	22	
149	shale	5	
159	lime	10	
170	shale	11	
181	lime	11	
247	shale	66	
270	lime	23	
304	shale	34	
320	lime	16	
340	shale	20	
349	lime	9	
367	shale	18	
380	lime	13	
384	shale	4	
468	lime	84	
637	shale	169	Hertha
644	lime	7	
731	shale	87	
739	oil sand	8	good odor, good show
741	sandy shale	2	good odor, little show, 65% shale
850	shale	109	



CONSOLIDATED
Oil Well Services, LLC

268000

TICKET NUMBER 47166
LOCATION Bhawan, KS
FOREMAN Casey Kennedy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/7/14	5700	Thrasher # 1	SW 25	13	26	DE
CUSTOMER		Magnum Exploration Kansas LLC				
MAILING ADDRESS		8708 County Rd 262				
CITY	STATE	ZIP CODE				
Clyde	TX	79510				
TRUCK #	DRIVER	TRUCK #	DRIVER			
729	CarKen	✓	Safety Meeting			
6666	Gar Moo	✓				
558	Mat Coc	✓				
675	Kei Det	✓				

JOB TYPE long string HOLE SIZE 5 7/8" HOLE DEPTH 850' CASING SIZE & WEIGHT 2 7/8" EUE
 CASING DEPTH 844' DRILL PIPE _____ TUBING baffle - 8 1/2' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32'
 DISPLACEMENT 4.70 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 bpm

REMARKS: held safety meeting, established circulation, mixed + pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed + pumped 152 stcs 50/50 Pozmix cement w/ 2% gel, 2% Calcium Chloride, + 1/4 # Floceal per stc, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.70 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

Handwritten signature/initials

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	30 mi	MILEAGE		1085.00
5402	844'	casing footage		126.00
5407	minimum	ton mileage		368.00
5502c	2 hrs	80 Vac		200.00
1124	152 stcs	50/50 Pozmix cement	1748.00	
118B	455 #	Premium Gel	100.10	
1102	255 #	Calcium Chloride	198.90	
1107	38 #	Floceal	93.86	
		materials	2140.86	
		-30%	642.26	
		subtotal		1498.60
4402	1	2 1/2" rubber plug		29.50
				4104.54

SALES TAX 7.15% 109.26
 ESTIMATED TOTAL 3416.36
 AUTHORIZATION [Signature] TITLE ENG 1 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.