COMPANY Hass Petroleum FARM West WELL NO. 3 HP

SEC. TWP. RGE. LOC. COUNTY STATE

CONTRACTOR Skyy drilling SIZE HOLE DRILL PIPE

REMARKS: SIZE PUMP LINERS LENGTH STROKE

West

DATE 11-20-2012

DEPTH	TIME O'CLOCK	MIN.	REMARKS
Soil	0	8	
lime	8	14	
shale	14	17	
Lime	17	26	
Shale	26	37	
lime	37	43	
shale	43	58	
lime	58	86	
Shale	86	118	
lime	118	130	
Shale	130	166	
lime	166	186	
Shale	186	191	
lime	191	193	
Shale	193	209	
lime	209	219	
Shale	219	274	
lime	274	279	
Shale	279	287	
lime	287	296	
Shale	296	306	
lime	306	354	
Shale	354	495	
lime	495	496	
Shale	496	507	
lime	507	508	
Top oil Sand	508	513	
lime	513	518	
shale	518	528	
lime	528	533	
Shale	533	594	
lime	594	596	
shale	596	608	
Lime	608	609	
Shale	609	614	
lime	614	615	
shale	615	628	

DEPTH	TIME O'CLOCK	MIN.	REMARKS
Top oil Sand	628 - 630		
lime	630 - 632		
Oil Sand	632 - 640		
Shale	641 -		well drill 664
			Casing 655

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 38923
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11/21/12	3451	West HB3	NE 1	16	21	Mi

CUSTOMER: Haas Petroleum - Mark Haas
MAILING ADDRESS: 11551 Ash St. Ste 205
CITY: Leawood | STATE: KS | ZIP CODE: 66211

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mad	Safety	Mtg
495	Nav Bec	HB	
370	Kei Car	KC	
510	Jas Ric	JR	

JOB TYPE Long String | HOLE SIZE 5 5/8 | HOLE DEPTH 6751' | CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 6640 | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 38.86 BBL | DISPLACEMENT PSI | MIX PSI | RATE 5 BPM

REMARKS: Establish circulation. Mix & Pump 100# Gel Flush. Mix & Pump 102 sks 50/50 Poz Mix Cement 2% Gel. Cement to surface. Flush pump & lines clean. Displace 2½" Rubber plug to casing TD. Pressure to 800# PSI. Release pressure to set float Valve. Shut in Casing

Company Tools. Fred Mader.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1030.00
5406	20 mi	MILEAGE	495		80.00
5402		Casing Footage			N/C
5407	Minimum	Ton Miles	510		350.00
5502C	2 hrs	80 BBL Vac Truck	370		180.00
1124	102 sks	50/50 Poz Mix Cement			1116.90
1118B	272#	Premium Gel			57.12
4402	1	2½" Rubber Plug			28.00
			7.5%	SALES TAX	90.25
				ESTIMATED TOTAL	2932.27

Ravin 3737

AUTHORIZTION _____ TITLE _____ 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

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