



**PostRock**  
Energy Services

211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

TICKET NUMBER

8016

FIELD TICKET REF #

FOREMAN Nathan Gahman

AFE D13062

SSI

API 15-205-28124-00-00

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-28-13	Hardin, B 27-8	27	28S	17E	Wilson

FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	2:30	6:30		905525		4	<i>Nathan Gahman</i>
Chris Kinesid	2:30	6:00		931400	932900	3.5	<i>Chris Kinesid</i>
<del>Greg Blackmore</del>				<del>903605</del>			

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1030 CASING SIZE & WEIGHT 5 1/2, 14#  
 CASING DEPTH 1026.49 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gov Jones rig crew  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0  
 DISPLACEMENT 25 DISPLACEMENT PSI 500 MIX PSI \_\_\_\_\_ RATE 4.0

REMARKS: On location at 2:45. Ready to run casing at 3:15. Washed in final 5'. Ready to cement at 4:30. See COWS ticket for cement job details. Fair oil show. No topoff needed.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905525	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
903605	X	Transport Truck <u>Hot Truck</u>	
	X	Transport Trailer <u>Low boy Trailer</u>	
931150	X	80-Yec <u>Dozer</u>	
931400	1	Casing Truck	
932900	1	Casing Trailer	
	1026.49'	Casing	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	-	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	5 sks	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 sk	Cotton Seed Hulls	



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 41455

LOCATION Fixere

FOREMAN Bob Laffoon

AFE # D13062

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Jammye J. G. Taylor  
M. G. Taylor

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
3-28-13		Hardin B 22-8	27	28S	17E	Wilson	
CUSTOMER		605 Tans		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS				520	Jahn		
CITY		STATE	ZIP CODE	515	Merle		
Chanute		KS		637	Jim		
				619/791	George Taylor (Tracer)		

JOB TYPE L/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 1030' CASING SIZE & WEIGHT 5 1/2" 14"  
 CASING DEPTH 1026.49' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 135# SLURRY VOL. 49 bbl WATER gal/sk 90 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 25 bbl DISPLACEMENT PSI 500 MIX PSI 1000 Bump plug RATE 4 bpm

REMARKS: Safety meeting. Rig up to 5 1/2" casing w/ washhead. Washdown 2' to PGTD. Pump 500 gal flush w/ bulls, 16 bbl water spacer, 15 bbl dye water. Mixed 135 lbs thickset cement w/ 5# Kal-seal/sk, 1# phenoseal/sk & 1/4% CFI-115 @ 13.5#/gal yield 1.85. Washout pump + loss, release plug. Displace w/ 25 bbl fresh water. Final pump pressure 500 psi. Bump plug to 1000 psi. Release pressure, float + plug held. Good cement returns to surface = 7 bbl slurry to pit. Job complete. Rig down.

THANK YOU

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	#	MILEAGE 3 <sup>00</sup> well of 3	4.00	0/c
1126A	135 sacs	thickset cement	19.20	2592.00
1160A	6.75#	5# Kal-seal/sk	.46	310.50
1167A	135#	1# phenoseal/sk	1.27	174.15
1135A	32#	1/4% CFI-115	10.55	337.60
5407A	7.43	tan mileage bulk truck	1.34	497.81
5501C	3 1/2 hrs	water transport	112.00	392.00
5502C	3 1/2 hrs	20 bbl var TRV	90.00	315.00
1123	9000 gals	city water	16.50/1000	148.50
			3.16/dollar	5797.56
			1.39/c	SALES TAX 724.45
				ESTIMATED TOTAL 6022.01

Ravin 3737  
 AUTHORIZATION [Signature] 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.

# Hardin, B 27-8

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	42.38	42.13		Date: 3/27/13
2	42.42	84.3		Well Name & #: Hardin B 27-8
3	42.36	126.41		Township & Range: 28S - 17E
4	42.41	168.57		County/State: Wilson/KS
5	42.1	210.42		AFE#: D13062
6	42.36	252.53		API# 15-205-28124-00-00
7	42.08	294.36		Comments: Projected TD- 1030'
8	42.33	336.44		
9	42.45	378.64		
10	42.53	420.92		Joints are numbered in White
11	42.52	463.19		
12	42.54	505.48		Subs are in orange
13	42.51	550.74		
14	42.53	590.02		
15	42.52	632.29		
16	42.56	674.6		
17	42.46	716.81		Added these subs for
18	42.54	759.1		flexibility to adjust to actual TD
19	42.45	801.3		
20	42.48	843.53		Trailer# 932900
21	42.51	885.79		
22	42.45	927.99		Actual TD - 1030
23	42.51	970.25		Log Bottom - 1034.60
24	42.49	1012.49		Casing Tally - 1026.49
25	14.74	1026.98		No Baffles
26	9.88	1036.61		Centralizers per SOP
27	4.97	1041.33		
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PostRock Energy Corp.