



PostRock  
Energy Corporation

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

TICKET NUMBER **8025**  
FIELD TICKET REF # \_\_\_\_\_  
FOREMAN Nathan Cochran  
AFE D130704  
SSI \_\_\_\_\_  
API 15-133-27653-00-00

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY
4-12-13	Mih, Alexander D. 21-3				21	28S	19E	Neosho
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE	
Nathan Cochran	6:00	11:00		905575		5	<i>Nathan Cochran</i>	
Chris Kincaid	6:30	1		931400	932895	4.5	<i>Chris Kincaid</i>	
Greg Blackwell	6:30	1		904605	933235	4.5	<i>Greg Blackwell</i>	

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 781 CASING SIZE & WEIGHT 5 1/2, 14#  
 CASING DEPTH 777.36 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gus Jones rig crew  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0  
 DISPLACEMENT 18.9 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.0

REMARKS: On location at 8:00, Spatted trucks with dozer dug out pit  
Ready to run casing at 8:30. Washed in final 45'. Ready  
to cement at 10:15. See COWS ticket for cement job  
details. Slight oil show No toptoff needed

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
904605	1	Transport Truck Haul Truck	
933235	1	Transport Trailer Lowboy Trailer	
931150	1	80 Vac Dozer	
931400	1	Casing Truck	
932895	1	Casing Trailer	
	777.36	Casing	
	4	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	—	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	4 sks	Premium Gel	
		Cal Chloride	
		City Water	
		ChemthixP 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

AFE# D13074  
ADJ# 15-133-27653

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

TICKET NUMBER 41483

LOCATION Eureka

FOREMAN Rex Ladford

GEORGE W TAYLOR

Chris B. Taylor

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-12-13		Mih. Alexander D. 21-3				Neosho
CUSTOMER <u>Post Rock Energy Corp</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>4402 Johnson Rd</u>			<u>520</u>	<u>John</u>		
CITY <u>Chanute</u>		STATE <u>KS</u>	ZIP CODE	<u>467</u>	<u>Chris B.</u>	
			<u>83</u>	<u>Alan G. (1040 TRK)</u>		
			<u>619/191</u>	<u>George Taylor (Trayer)</u>		

JOB TYPE L/S 0 HOLE SIZE 7 7/8 HOLE DEPTH 781' CASING SIZE & WEIGHT 5 1/2" 14#  
 CASING DEPTH 777.36 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5# SLURRY VOL 3.6 bbl WATER gal/sk 9.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 19 bbl DISPLACEMENT PSI 400 MIX PSI 900 bump plug RATE 4 BPM

REMARKS: Safety meeting - Rig up to 5 1/2" casing. Washdown 40' to P&TD. Pump 400 gal flush w/ bulls. 10 bbl water spacer, 9 bbl dye water. Mixed 110 sacks thickset cement w/ 5# Ret seal / sk. 1# phenoseal / sk + 1/4% CFL-115 @ 13.5# / gal. Washout pump + lines, release plug. Displace w/ 19 bbl fresh water. Final pump pressure 400 PSI. Bump plug to 900 PSI, release pressure, flood + plug head. 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	70	MILEAGE	4.00	280.00
1126A	110 sacks	thickset cement	19.20	2112.00
1116A	550#	5# Ret seal / sk	.46	253.00
1107A	110#	1# phenoseal / sk	1.29	141.90
1135A	26#	1/4% CFL-115	10.55	274.30
5407A	6.65	ten mileage bulk tax	1.34	567.49
5501C	4 hrs	water transport	112.00	448.00
5502C	4 hrs	20 bbl var TRK	90.00	360.00
1123	9000 gals	city water	16.50/1000	148.50
			subtotal	5615.19
			SALES TAX <u>7.3%</u>	213.87
			ESTIMATED TOTAL	5829.06

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.

# Mih, Alexander D. 21-3

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	42.48	42.23		Date: 4/12/13
2	42.42	84.4		Well Name & #: Mih Alexander D. 21-3
3	42.48	126.63		Township & Range: 28S-19E
4	42.51	168.89		County/State: Neosho/KS
5	42.49	211.13		AFE#: <del>D13075</del> D13074
6	42.47	253.35		API# 15-133-27653-00-00
7	42.5	295.6		Comments:
8	42.43	337.78		Projected TD- 770'
9	41.55	379.08		
10	42.49	421.32		Joints are numbered in White
11	41.8	462.87		
12	42.41	505.03		Subs are in orange
13	42.51	550.29		
14	42.49	589.53		
15	42.54	631.82		
16	42.23	673.8		
17	42.54	716.09		Added these subs for
18	42.49	758.33		flexibility to adjust to actual TD
19	14.94	773.02		
20	10.24	783.01		Trailer# 932895
21	9.39	792.15		
22	5.09	777.36		Actual TD - 781
23				Log Bottom - 777.60
24				Casing Tally - 777.36
25				No Baffles
26				Centralizers per SOP
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PostRock Energy Corp.