



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1154954

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	MIH, ALEXANDER D 21-2
Doc ID	1154954

All Electric Logs Run

DIL
CDL
NDL
TEMP
CBL

Air Drilling Specialist  
Oil & Gas Wells

**THORNTON AIR ROTARY, LLC**  
Office Phone: 620-879-2073

PO Box 449  
Caney, KS 67333

Date Started	<b>4/2/2013</b>
Date Completed	<b>4/3/2013</b>

Operator	A.P.I #	County	State
<b>Post Rock Energy</b>	<b>15-133-27650-00-00</b>	<b>Neosho</b>	<b>Kansas</b>

Well No.	Lease	Sec.	Twp.	Rge.
<b>21-2</b>	<b>Mih, Alexander D</b>	<b>21</b>	<b>28</b>	<b>19</b>

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
<b>Oil</b>	<b>Brantley Thornton</b>	<b>5</b>	<b>21' 8 5/8</b>	<b>782</b>	<b>7 7/8</b>

**Formation Record**

0-3	MUD	627-635	SAND / DECENT ODOR		
3-40	LIME	635-645	SAND / GOOD ODOR, DARK		
40-50	SAND	645-667	SAND / FAINT ODOR, DARKER		
50-53	LIME	667-700	SANDY SHALE		
53-65	SHALE	700-782	SANDY SHALE / PICKED UP H2O		
65-85	LIME	735	WENT TO WATER		
85-105	SANDY SHALE	782	TD		
105-130	LIME				
130-135	SANDY SHALE				
135-175	LIME				
175-240	SANDY SHALE				
240-265	LIME				
265-330	SANDY SHALE				
330-375	LIME				
375-376	COAL				
376-381	SANDY SHALE				
381-395	LIME				
395-421	SANDY SHALE				
421-443	LIME (OSWEGO)				
443-449	BLK SHALE (SUMMIT)				
449-456	LIME				
456-462	BLACK SHALE				
462-463	COAL (MULKY)				
463-554	SANDY SHALE				
554-556	COAL				
556-562	SANDY SHALE				
562-563	COAL				
563-620	SANDY SHALE				
620-622	COAL				
622-627	SANDY SHALE				



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

TICKET NUMBER **8021**  
FIELD TICKET REF # \_\_\_\_\_  
FOREMAN Nathan Gabman  
AFE D13076  
SSI \_\_\_\_\_  
API 15-133-27650-00-01

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
4-4-13	Mih, Alexander D 21-2		21	28S	19E	Neosho	
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gabman	12:00	4:00		905575		4	<i>Nathan Gabman</i>
Chris Kincenid		3:30		903142	932895	3.5	<i>Chris Kincenid</i>
Greg Blackmore		3:30		903605	933235	3.5	<i>Greg Blackmore</i>

JOB TYPE Long String HOLE SIZE 7 1/8 HOLE DEPTH 782 CASING SIZE & WEIGHT 5 1/2, 14#  
 CASING DEPTH 775.81 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Bus Jones rig crew  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0  
 DISPLACEMENT 18.9 DISPLACEMENT PSI 400 MIX PSI \_\_\_\_\_ RATE 4.0

REMARKS: On location at 12:00. On standby until 1:15. Started  
running casing at 1:15. Spotted trucks and dug pit with  
dozer. Washed in final 20'. Ready to cement at  
2:15. See COWS ticket for cement job details.  
Slight oil show. No top off needed.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905575	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
903605	1	Transport Truck <u>Haul Truck</u>	
933235	1	Transport Trailer <u>Lowboy Trailer</u>	
931150	1	80-Yes <u>Dozer</u>	
903142	1	Casing Truck	
932895	1	Casing Trailer	
		Casing	
		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	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 slc	Colton Seed Hulls	



**CONSOLIDATED**  
Oil Well Services, LLC

HF # D13076  
AKI # 15-133-27650

TICKET NUMBER 41443

LOCATION Enuka KS

FOREMAN Shannon Peck

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

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-4-13		Mih. Alexander D-21-2				Neosho	
CUSTOMER <u>Post Rock Energy Corp</u>		GUS <u>Jones</u>		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>4402 Johnson Rd</u>				445	Dave G.		
CITY <u>Chanute</u>		STATE <u>KS</u>	ZIP CODE	611	Joey & Kelly n.		
				452-17103	Jim m		
				93	Alan G	Miley Trucking	

JOB TYPE <u>1/5</u>	HOLE SIZE <u>7 1/2"</u>	HOLE DEPTH <u>782'</u>	CASING SIZE & WEIGHT <u>5 1/2" @ 14#</u>
CASING DEPTH <u>775.81'</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT <u>13.5 #/gal</u>	SLURRY VOL <u>43 Bbl</u>	WATER gal/sk <u>9"</u>	CEMENT LEFT in CASING <u>0</u>
DISPLACEMENT <u>19.5</u>	DISPLACEMENT PSI <u>400</u>	MIX PSI <u>600 Plug @ 900</u>	RATE <u>Displace @ 4 Bpm</u>

REMARKS: Safety Meeting, Rig up to 5 1/2" casing, Wash down 20' w/ 70 Bbl H2O, mixed 500# gel flush w/ hulls, 10 Bbl H2O spacer, 7 Bbl dye H2O, mixed 110 SKS Thickset cement w/ 5# kot-seal/sk, 1# phenoseal/sk & 1/4% CFL-115 @ 1/4%, shut down wash out pump & lines. Displace w/ 19.5 Bbl H2O, final pumping pressure of 400 psi, bumped plug @ 900 psi, plug & float hold. Good circulation @ all times 7-8 Bbl slurry to pit. Job complete.

"Thanks Shannon & crew"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	20	MILEAGE	4.00	80.00
1126A	110 SKS	Thickset cement	19.20	2112.00
1110A	550 #	kot-seal @ 5#/sk	.46	253.00
1107A	110 #	phenoseal @ 1#/sk	1.29	141.90
1135A	26 #	CFL-115 @ 1/4%	10.55	274.30
5407A	6.05 Tons	Ton mileage bulk Truck x 70 miles	1.34	567.49
5501C	4.5 Hrs	water Transport	112.00	504.00
5502C	4 Hrs	80 Bbl Val Truck #93 Miley Trucking	90.00	360.00
1173	6400 gals	city water	16.50/1000	105.60
			Sub Total	5428.29
			7.3% SALES TAX	210.73
			ESTIMATED TOTAL	5639.02

Ravin 3737

AUTHORIZATION Ned G 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. 21-2

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	42.47	42.22		Date: 4/3/13
2	42.53	84.5		Well Name & #: Mih, Alexander 21-2
3	42.53	126.78		Township & Range: 28S - 19E
4	42.53	169.06		County/State: Neosho/KS
5	42.53	211.34		AFE#: D13076
6	42.53	253.62		API# 15-133-27650-00-00
7	42.51	295.88		Comments: Projected TD- 770'
8	42.53	338.16		
9	42.51	380.42		
10	42.52	422.69		Joints are numbered in White
11	42.52	464.96		Subs are in orange
12	42.52	507.23		
13	42.55	552.53		Added these subs for flexibility to adjust to actual TD
14	42.52	591.8		
15	42.47	634.02		
16	42.55	676.32		Trailer# 932895
17	42.52	718.59		
18	42.53	760.87		
19	15.19	775.81		Actual TD - 782 Log Bottom - 771.40 Casing Tally - 775.81 No Baffles Centralizers per SOP
20	10.23	785.79		
21	5.09	790.63		
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PostRock Energy Corp.