



**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
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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: \_\_\_\_\_



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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	CARLSON, BARRY L 5-4
Doc ID	1124050

All Electric Logs Run

CBL
DIL
CDL
NDL
TEMP



# Thornton Air Rotary, LLC

PO Box 449  
Caney, KS 67333

Date	Invoice #
1/4/2013	291-2

Phone # 620-879-2073 E-Mail  
Fax # 620-879-2073 thorntonairrotary@hotmail.com

Bill To
Post Rock Energy Corporation 210 Park Avenue, Suite 2750 Oklahoma City, OK 73102

Terms
Due on receipt

Description	Footage/Quantity	Rate	Amount
Carlson, Barry L Well # 5-4	1,107	8.50	9,409.50

We appreciate the opportunity to work for you!		<b>Total</b>	\$9,409.50
		<b>Payments/Credits</b>	\$0.00
		<b>Balance Due</b>	\$9,409.50

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	<b>12/19/2012</b>
Date Completed	<b>1/3/2013</b>

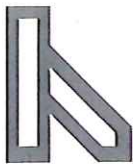
Operator	A.P.I #	County	State
<b>Post Rock Energy</b>	<b>15-205-28069-00-00</b>	<b>Wilson</b>	<b>Kansas</b>

Well No.	Lease	Sec.	Twp.	Rge.
<b>5-4</b>	<b>Carlson, Barry L</b>	<b>5</b>	<b>28</b>	<b>17</b>

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
<b>Oil</b>	<b>Brantley Thornton</b>	<b>5</b>	<b>20' 8 5/8</b>	<b>1107</b>	<b>7 7/8</b>

### Formation Record

0-2	MUD	635-667	LIME (PAWNEE)	1096-1107	SANDY SHALE
2-8	SHALE	667-690	SHALE	1107	TD
8-10	LIME	690-704	LIME (OSWEGO)		
10-80	SHALE	704-710	BLK SHALE (SUMMIT)		
80-115	LIME	710-722	LIME		
115-145	SAND / DAMP	722-727	BLK SHALE (MULKY)		
145-200	SAND / REAL DAMP	727-728	COAL		
206	WENT TO WATER	728-731	LIME		
200-241	SHALE	731-744	SANDY SHALE		
241-243	LIME	744-745	COAL / BLK SHALE		
243-260	SANDY SHALE	745-788	SHALE		
260-279	LIME	788-789	BLK SHALE / COAL		
279-290	SHALE	789-825	SHALE		
290-320	LIME	825-826	BLK SHALE / COAL		
320-350	SANDY SHALE	826-925	SAND		
350-365	LIME	925-927	COAL (WEIR)		
365-374	SHALE	927-933	SAND (BVILLE)		
374-375	COAL	933-938	SAND / GOOD ODOR		
375-415	LIME	938-960	SANDY SHALE		
415-420	SHALE	960-962	COAL		
420-440	BLACK SHALE	962-980	SAND		
440-465	SANDY SHALE	980-990	SAND / ODOR & SHOW		
465-493	SAND	990-1010	SAND / GOOD ODOR		
493-500	BLACK SHALE	1010-1025	SAND / ODOR & SHOW		
500-525	LIME	1025-1045	SAND / LT ODOR		
525-530	SANDY LIME	1045-1075	SANDY SHALE / LT ODOR		
530-540	LIME	1075-1088	SANDY SHALE		
540-560	LMY SHALE	1088-1090	COAL		
560-634	SHALE	1090-1094	SANDY SHALE		
634-635	COAL (MULBERRY)	1094-1096	COAL		



**PostRock**  
Energy Corporation

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

1 of 2

TICKET NUMBER **7413**  
FIELD TICKET REF# \_\_\_\_\_  
FORMAN Nathan Gahman  
AFE D12018  
SSI \_\_\_\_\_  
API 15-205-280#69-00-00

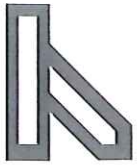
**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
1-15-13	Carlson, Barry 5-4			5			Wilson
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	6:30	12:30		905575		6	<i>Nathan Gahman</i>
Chris Kincaid	6:30			903197		6	<i>Chris Kincaid</i>
Michael Thomas	6:30			903600		6	<i>Michael Thomas</i>
Colby Dean	7:00			931400	932900	5.5	<i>Colby Dean</i>
Darrell Chancy	7:00			931385	931590	5.5	<i>Darrell Chancy</i>
John Walker	8:00			903400	931405	4.5	<i>John Walker</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1108 CASING SIZE & WEIGHT 5 1/2 14th  
 CASING DEPTH 1102.26 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gus Jones Rig crew  
 SLURRY WEIGHT 13.5 SLURRY VOL 155 sks WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 26.9 bbl DISPLACEMENT PSI 600 MIX PSI 200 RATE 4.5

REMARKS:  
 Started loading for job at 6:30. Two flat tires on casing trailer, brakes and air lines frozen on bulk truck and frozen valves on cement tower caused delays. On location at 9:00. Had 80-Vac pull 80 bbl out of pit. Started running casing at 9:30. Washed in 1951 60' Ready to cement at 11:30. Pumped 60 bbl gel sweep.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905575	1	Forman Pickup	
903197	1	Cement Pump Truck	
903600	1	Bulk Truck	
903400 / 931385	2	Transport Truck	
931590 / 904745	2	Transport Trailer	
904745	1	80 Vac	
931400	1	Casing Truck	
	1102.26'	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	-	Frac Baffles	
	120 sks	Portland Cement	
	5 sks	Gilsonite Sodium Silicate	
	1 sk	Flo Seal CFL 115	
	6 sks	Premium Gel	
	5 sks	Cal Chloride	
	250 bbl	City Water	
	12 lbs	KOL Thixotropic Additive	
	25 sks	KOL Seal	
	1 sk	Cotton Seed Hulls	
932900	1	Casing trailer	



**PostRock**  
Energy Corporation

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

2 of 2

TICKET NUMBER **7414**  
FIELD TICKET REF# \_\_\_\_\_  
FORMAN Nathan Gahman  
AFE D12018  
SSI \_\_\_\_\_  
API 15-205-28069-00-00

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
1-15-13	Carlson, Barry 5-4			5			Wilson
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE

JOB TYPE \_\_\_\_\_ HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS:  
 Pumped 18 bbl dye then pumped 155 sks slurry to get dye to surface.  
 Launched plug set float shoe. Held 900 psi for 3 min. Cleared  
 up equipment and left location. Trace oil show. Well will need  
 top off.

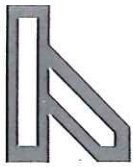
ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Forman Pickup	
		Cement Pump Truck	
		Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
		Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
		City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	

## Carlson, Barry 5-4

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	39.49	39.24		Date:1/14/13
2	39.44	78.43		Well Name & #:Barry Carlson 5-4
3	39.42	117.6		Township & Range:
4	39.44	156.79		County/State: Kansas
5	39.46	196		AFE#:D12018
6	39.51	235.26		API# <b>15-205-28069-00-00</b>
7	39.51	274.52		<b>Comments:</b>
8	39.5	313.77		Projected TD- 1,100'
9	39.5	353.02		
10	39	391.77		Joints are numbered in Yellow
11	39.47	430.99		
12	39.5	470.24		Subs are in orange
13	39.49	512.48		
14	39.44	548.67		
15	39.46	587.88		
16	39.47	627.1		
17	39.47	666.32		Added these subs for
18	39.41	705.48		flexibility to adjust to actual TD
19	39.48	744.71		
20	39.22	783.68		<b>Actual TD: 1,108'</b>
21	39.48	822.91		<b>Log Bottom: 1,098'</b>
22	39.49	862.15		<b>Casing Tally: 1,102.26</b>
23	39.48	901.38		
24	39.48	940.61		
25	39.52	979.88		
26	39.46	1019.09		
27	39.45	1058.29		
28	39.46	1097.5		
29	5.01	1102.26		
30	10.02	1112.03		
31	15.01	1126.79		
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# PostRock Energy Corp.





**PostRock**  
Energy Corporation

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

TICKET NUMBER **7416**  
FIELD TICKET REF# \_\_\_\_\_  
FORMAN Nathan Bohman  
AFE 012029  
SSI \_\_\_\_\_  
API \_\_\_\_\_

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
1-22-13	Carlson 5-4		5			Wilson	
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Bohman	12:30	1:30		905525		1	<i>Nathan Bohman</i>
Chris Kincaid				903192		1	<i>Chris Kincaid</i>
Michael Thomas				903600		1	<i>Michael Thomas</i>
Larry Redlich				904245		1	<i>Larry Redlich</i>

JOB TYPE Top off HOLE SIZE 7 7/8 HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 5 1/2 14-7  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14 lb SLURRY VOL 20 sks WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.5

REMARKS: Tapped well off with 20 sks cement.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905525	1	Forman Pickup	
903192	1	Cement Pump Truck	
903600	1	Bulk Truck	
		Transport Truck	
		Transport Trailer	
904245	1	80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	20 sks	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
	20 bbl	City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	