



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1187135
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1187135

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	CARLSON, BARRY L 5-10
Doc ID	1187135

All Electric Logs Run

CDL
DIL
NDL
TEMP
CBL



PostRock
Energy Corporation

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

TICKET NUMBER **8113**
FIELD TICKET REF # _____
FOREMAN Nathan Gahman
AFE P13161
SSI _____
API 15-205-28200-00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
7-31-13	Carlson, Barry L. 5-10			5	28S	17E	Wilson
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	2:30	7:30		905525		5	<i>Nathan Gahman</i>
Chris Kincaid		7:30		903142	932895	5	<i>Chris Kincaid</i>
Bob Lane		7:30		905370	933020	5	<i>Bob Lane</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1100 CASING SIZE & WEIGHT 5 1/2, 14#
 CASING DEPTH 1093.79 DRILL PIPE _____ TUBING _____ OTHER Bus Jones rig
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 26.7 DISPLACEMENT PSI 600 MIX PSI _____ RATE 4.0

REMARKS: On location at 2:30. Spotted trucks with dozer. Ready to run casing at 2:45. Ran in to approx. 827' hit bridge, had to wash in 20' to get past bridge, washed up alot of oil while washing in joint, Ran in ~~to~~ to approx. 1050' then washed in remaining 95'. Ready to cement at 5:00. See COWS ticket for cement job details. Good circulation at all times. Good cement return to pit. Very good oil show. May need top off.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
905525	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
905370	1	Transport Truck Haul Truck	
933020	1	Transport Trailer Equipment trailer	
		80-Yard Dozer	
903142	1	Casing Truck	
932895	1	Casing Trailer	
	1093.79'	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	-	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	6 sk	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 sks	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

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

A/E # 013161
API # 15-285-28201

TICKET NUMBER 43407

LOCATION Europe

FOREMAN Rice Lottford

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-31-13	66628	Carlson Barry 5-16				Wilson
CUSTOMER Post Rock Energy Corp			Gus Tenn			
MAILING ADDRESS 4402 Johnson Rd			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Chanute			STATE KS	ZIP CODE 66620	485	Alan M.
			6667	Jacy		
			88	Rod M. (N. Lee Tenn)		

JOB TYPE L/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 1100 CASING SIZE & WEIGHT 5 1/2" 14"
 CASING DEPTH 1093.77 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5" SLURRY VOL 50 bbl WATER gal/sk 9.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 26.7 bbl DISPLACEMENT PSI 600 MIX PSI 1100 Pump plug RATE 4 BPM

REMARKS: Safety meeting - Rig up to 5 1/2" casing w/ washhead Washdown 200' to PBTD. Pump
600 # gal. flush w/ bull's 10 bbl water spacer. Mixed 140 sacks thereof cement w/ 5" Ret-sol/sv
1" phos-sol/sv + 1/4" CT-115 @ 13.5" / gal. w/ washout pump + line relax plug Displace w/ 26.7 bbl
fresh water. Final pump pressure 600 PSI. Pump plug to 1100 PSI. Release pressure, shut + plug head
Good cement returns to surface = 2 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	1085.00	1085.00
5406	0	MILEAGE 3 rd well of 3	n/c	n/c
1126A	140 sacks	Thru-set cement	20.16	2822.40
1116A	200 [#]	5" Ret-sol/sv	.16	32.00
1107A	140 [#]	1" phos-sol/sv	1.35	189.00
1135A	33 [#]	1/4" CT-115	11.08	365.64
5402A	7 ^{??}	tax mileage bulk tax (50 miles)	1.41	542.85
5502C	4 1/2	80 bbl JAC API	90.00	405.00
			Subtotal	5731.89
			(15%) SALES TAX	227.49
			ESTIMATED TOTAL	5959.38

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



149 RD 25 – Elk City, KS 67344
 (620) 332-7637 – Gus' Cell
 (620) 642-6315 - Office

Job Sheet

Date: July 31-13 Start Time: _____ Finish Time: _____ Total Time: 6 hrs.

Company: Post Rock

Lease: Carlson, Barry

Well #: 5-10

<input type="checkbox"/> New Well	<input type="checkbox"/> Kansas	County Name:	<input type="checkbox"/> Rig 1	<input checked="" type="checkbox"/> Rig 3
<input type="checkbox"/> Old Well	<input type="checkbox"/> Oklahoma	<u>Polk Wilson</u>	<input type="checkbox"/> Rig 2	<input checked="" type="checkbox"/> Gus

Work Performed

<input type="checkbox"/> Ran casing <u>X</u>	<input type="checkbox"/> Casing tong x <u>50</u>	<input type="checkbox"/> Pump truck _____
<input type="checkbox"/> Pulled rods out _____	<input type="checkbox"/> Pump change _____	<input type="checkbox"/> Delivery truck _____
<input type="checkbox"/> Ran rods in _____	<input type="checkbox"/> Fishing job/Tool charge _____	<input type="checkbox"/> Mud Pump _____
<input type="checkbox"/> Pulled tubing out _____	<input type="checkbox"/> Replaced tubing joints _____	<input type="checkbox"/> Power swivel _____
<input type="checkbox"/> Ran tubing in _____	<input type="checkbox"/> Tong charge x _____	
<input type="checkbox"/> Stripping job	<input type="checkbox"/> Swabed _____	

Job Description: ran 5 1/2 casing recip while cementing

Parts Used

Supplied by G.J.

- | | | |
|--|---|---|
| <input type="checkbox"/> Swab cups _____ | <input type="checkbox"/> Tubing subs _____ | <input type="checkbox"/> Rod boxes _____ |
| <input type="checkbox"/> Rod subs _____ | <input type="checkbox"/> Tubing collars _____ | <input type="checkbox"/> Drill bits _____ |
| <input type="checkbox"/> Other _____ | | |

Carlson, Barry L. 5-10

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	44.47	44.22		Date: 7/31/2013
2	44.51	88.48		Well Name & #: Carlson 5-10
3	44.51	132.74		Township & Range: 28S-17E
4	44.47	176.96		County/State: Wilson/KS
5	44.47	221.18		AFE#: D13161
6	44.47	265.4		API# 15-205-28200-00-00
7	44.5	309.65		Comments: Projected TD- 1,100 Joints are numbered in White Avoid Collars 970-990 Subs are in orange Added these subs for flexibility to adjust to actual TD Trailer# 932895 Actual TD - 1100 Log Bottom - 1094.60 Casing Tally - 1093.79 No Baffles Centralizers per SOP
8	44.51	353.91		
9	44.52	398.18		
10	44.53	442.46		
11	44.51	486.72		
12	44.53	531		
13	44.5	578.25		
14	44.46	619.46		
15	44.45	663.66		
16	44.46	707.87		
17	44.5	752.12		
18	44.46	796.33		
19	44.48	840.56		
20	44.5	884.81		
29	15.03	899.59		
26	7.91	907.25		
23	44.47	951.47		
24	44.49	995.71		
25	5.68	1001.14		
22	44.48	1039.69		
27	10.37	1049.81		
28	14.92	1064.48		
21	44.48	1093.79		
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PostRock Energy Corp.