



KANSAS CORPORATION COMMISSION 1153153
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



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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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	GRADY, JAMES A 5-10
Doc ID	1153153

All Electric Logs Run

CDL
NDL
DIL
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	3/14/2013
Date Completed	3/15/2013

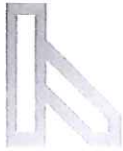
Operator	A.P.I.#	County	State
Post Rock Energy	15-205-28107-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-10	Grady, James A	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	23' 8 5/8	1082	7 7/8

Formation Record

0-4	MUD	707-712	BLK SHALE (SUMMIT)		
4-30	LIME	712-720	LIME		
30-103	SHALE	720-728	BLK SHALE (MULKY)		
103-105	COAL	728-736	LIME		
105-130	SANDY SHALE	736-749	SANDY SHALE		
130-185	SAND / DAMP	749-751	COAL		
205	WENT TO WATER	751-755	SANDY SHALE		
185-240	SANDY SHALE	755-805	SAND / LT ODOR		
240-313	LIME	805-807	COAL		
313-319	BLACK SHALE	807-840	SAND		
319-325	LIME	840-880	SAND/ SUGAR, WATER		
325-355	SANDY SHALE	880-929	SANDY SHALE		
355-357	COAL	929-960	SAND		
357-365	LIME	960-1000	SANDY SHALE		
365-375	SAND	1000-1050	SAND / WATER		
375-415	LIME	1050-1082	SANDY SHALE		
415-433	SANDY SHALE	1082	TD		
433-450	LIME				
450-470	SANDY SHALE				
470-471	LIME				
471-472	COAL				
472-550	LIME / HARD				
550-610	SAND / HARD				
610-615	LIME				
615-637	SHALE				
637-642	LIME				
642-643	COAL				
643-664	LIME (PAWNEE)				
664-690	BLACK SHALE				
690-707	LIME (OSWEGO)				



PostRock
Energy Corporation

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

TICKET NUMBER **8008**
FIELD TICKET REF # _____
FOREMAN Nathan Gabmorn
AFE D13038
SSI _____
API 15-205-28107-00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
3-20-13	Grady, James A 5-10			5	28S	17E	Wilson
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gabmorn	2:00	6:15		905525		4.25	<i>Nathan Gabmorn</i>
Chris Kincaid	1	5:30		903142	932895	3.5	<i>Chris Kincaid</i>
Greg Blackman	1			903605	933235		<i>Greg Blackman</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1085 CASING SIZE & WEIGHT 5 1/2, 14#
 CASING DEPTH 1080.61 DRILL PIPE _____ TUBING _____ OTHER Gov Jones rig crew
 SLURRY WEIGHT 13.9 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 26.4 DISPLACEMENT PSI 500 MIX PSI _____ RATE 4.0

REMARKS: on location at 2:00. started running casing at 2:15. Washed in final 50'. Ready to cement at 3:30. See COWS ticket for cement job details. Used dozer to smooth out deep rutts on pad and lease road. Great 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	
03605 905525	1	Transport Truck Haul Truck	
933235	1	Transport Trailer Lowboy Trailer	
931150	1	80 Yrd Dozer	
903142	1	Casing Truck	
932895	1	Casing Trailer	
	1080.61	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	—	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	6 sks	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 sk	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

API # D12038

TICKET NUMBER 41408

LOCATION Evreka ks

FOREMAN Shannon Feek

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

FIELD TICKET & TREATMENT REPORT

CEMENT

AP# 15205-28107
G. Taylor
Jay Jackson
Blair

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-20-13		Grady, James 5-10				
CUSTOMER Post Rock Energy Corp			Gus Jones			
MAILING ADDRESS 4402 Johnson Rd			TRUCK # DRIVER TRUCK # DRIVER			
CITY Chanute			445 Dave G			
STATE KS			611 Joey K			
ZIP CODE			619 + 791 George T Thayer Truck			
			618 + 795 Thayer Truck			

JOB TYPE L/S HOLE SIZE 7 7/8" HOLE DEPTH 1230' 105' CASING SIZE & WEIGHT 5 1/2" @ 14#
 CASING DEPTH 1080.61 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9 #/gal SLURRY VOL 51 Bbl WATER gal/sk 6.07 CEMENT LEFT in CASING 0
 DISPLACEMENT 26 3/4 DISPLACEMENT PSI 500 MIX PSI Pump Plug @ 1000 RATE Displace @ 4 BPM

REMARKS: Safety Meeting, Rig up to 5 1/2" casing, wash down 45' w/ 70 Bbl, mixed 600 # gel & lost w/ hulls, 10 Bbl 1/2w spacer, 17 Bbl dye 1/2w, mixed 190 SKS 50/50 portmix cement w/ 2% gel, 2% calcium, 3 # cal-seal/sk, 5 # kot-seal/sk, 1 # Phenoseal/sk @ 13 #/gal, shut down wash out pump & lines & displace w/ 26 3/4 Bbl 1/2w, final pumping pressure of 500 PSI, bumped plug to 1000 PSI. Good circulation @ all times, 6 Bbl slurry to pit, cement was falling back, 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	0	MILEAGE # 3 of 3 wks w/c on Location	N/C	N/C
1124	190 SKS	50/50 portmix cement	10.95	2080.50
1118B	370 #	6el @ 2%	.21	67.20
1102	320 #	6el @ 2%	.74	236.80
1101	570 #	cal-seal @ 3 #/sk	.40	228.00
1110A	950 #	kot-seal @ 5 #/sk	.46	437.00
1107A	190 #	Phenoseal @ 1 #/sk	1.29	245.10
1135A	40 #	CFL-115 @ 1 1/4%	10.55	422.00
5407A	9.12 Tons	Ton mileage bulk Truck (x 50 miles)	1.34	611.04
5501 C	3 hrs	Water Transport # Thayer Truck	112.00	336.00
5501 C	3 hrs	Water Transport # Thayer Truck	112.00	336.00
1123	8400 gal	city water	16.50/1000	138.60
			Sub Total	6168.24
			6.3% SALES TAX	242.87
			ESTIMATED TOTAL	6411.11

Ravin 3737

AUTHORIZATION Nat Lico 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

Grady, James A. 5-10

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	40.26	40.01		Date: 3/19/13
2	42.31	82.07		Well Name & #: James Grady 5-10
3	42.45	124.27		Township & Range: 28S - 17E
4	42.43	166.45		County/State:Wilson/KS
5	42.35	208.55		AFE#: D13038
6	42.37	250.67		API# 15-205-28107-00-00
7	40.13	290.55		Comments: Projected TD- 1085'
8	42.45	332.75		
9	42.47	374.97		Joints are numbered in White
10	42.33	417.05		
11	42.36	459.16		Subs are in orange
12	42.32	501.23		
13	42.31	546.29		Added these subs for flexibility to adjust to actual TD
14	42.34	585.38		
15	42.44	627.57		Trailer# 932895
16	42.33	669.65		
17	42.43	711.83		Actual TD - 1085 Log Bottom - 1076 Casing Tally - 1080.61 No Baffles Centralizers per SOP
18	42.36	753.94		
19	41.75	795.44		
20	41.39	836.58		
21	42.42	878.75		
22	42.37	920.87		
23	41.25	961.87		
24	42.43	1004.05		
25	42.41	1046.21		
26	14.93	1060.89		
27	15.28	1075.92		
28	10.2	1085.87		
29	5.19	1080.61		
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PostRock Energy Corp.