



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: _____



1124046

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) _____

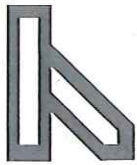
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (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 5-5
Doc ID	1124046

All Electric Logs Run

CBL
DIL
CDL
NDL
TEMP



PostRock
Energy Corporation

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

TICKET NUMBER **7410**
FIELD TICKET REF# _____
FORMAN Nathan Bahman
AFE D12028
SSI _____
API 15-205-2809.00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-10-13	Grady, James A 5-5	5			Wilson

FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Bahman	8:00	1:00		905525		5	<i>Nathan Bahman</i>
Darrell Chaney	12:00			903192		1	<i>Darrell Chaney</i>
Chris Kincaid	8:00			Training		5	<i>Chris Kincaid</i>
Michael Thomas				903600		5	<i>Michael Thomas</i>
Robert Rice				931400	932900	5	<i>Robert Rice</i>
John Walker				903414	932170	5	<i>John Walker</i>

JOB TYPE Long string HOLE SIZE 7 7/8 HOLE DEPTH 1107 CASING SIZE & WEIGHT 5 1/2 14#
 CASING DEPTH 1099.77 DRILL PIPE _____ TUBING _____ OTHER 603 Jones rig crew
 SLURRY WEIGHT 13.5 lbs SLURRY VOL 176 sks WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 26.8 bbl DISPLACEMENT PSI 700 MIX PSI 300 RATE 4.5

REMARKS:
On location 9:00. Rig on location 9:00. Spotted casing truck with dozer started running casing at 10:00. Washed in approx 70' Ready to cement at 12:00. Pumped 60 bbl gel sweep then pumped 18 bbl dye. Pumped 176 sks cement to get dye to surface. Launched plug, set float shoe at 1000 psi Held for 3 min cleaned up and left location.

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	
414 / 903401	2	Transport Truck	
120 / 932405	2	Transport Trailer	
	1	80 Vac	
931400	1	Casing Truck	
	1099.77	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	1	Frac Baffles <u>4.75</u>	
	140 sks	Portland Cement	
	5 sks	Gilsonite <u>Sodium silicate</u>	
	1 sk	Flo Seal <u>Cement Fluid Loss</u>	
	7 sks	Premium Gel	
	5 sks	Cal Chloride	
	250 bbl	City Water	
	14 lbs	KOL <u>Thixotropic Additive</u>	
	25 sks	KOL Seal	
	1 sk	Cotton Seed Hulls	
932900	1	Casing trailer	

no oil show, needs topoff.

Grady 5-5

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	43.33	43.03		Date: 1/9/13
2	39.44	82.17		Well Name & #: James Grady 5-5
3	39.37	121.24		Township & Range:
4	39.42	160.36		County/State:
5	39.43	199.49		AFE#: D12028
6	39.49	238.68		API# 15-205-28079-00-00
7	39.37	277.75		Comments:
8	39.44	316.89		Projected TD- 1070
9	39.48	356.07		
10	39.45	395.22		Joins are numbered in White
11	39.49	434.41		
12	39.40	473.51		Subs are in orange
13	39.40	512.61		
14	39.45	551.76		
15	39.42	590.88		
16	39.45	630.03		
17	39.45	669.18		Added these subs for flexibility to adjust to actual TD
18	39.39	708.27		
19	39.47	747.44		
20	39.45	786.59		Trailer#
21	39.47	825.76		
22	39.40	864.86		Actual TD - 1107'
23	39.43	903.99		Log TD - 1,098'
24	39.42	943.11		
25	39.46	982.27		
26	39.47	1021.44		
27	39.42	1060.56		Casing Tally 1099.77'
28	39.51	1099.77		
29	10.03	1109.5		
30	5.00	1114.2		
31		1113.9		
32		1113.6		
33		1113.3		
34		1113		
35		1112.7		
36		1112.4		
37		1112.1		
38		1111.8		
39		1111.5		
40		1111.2		

Baffle →

PostRock Energy Corp.

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	1/4/2013
Date Completed	1/7/2013

Operator	A.P.I.#	County	State
Post Rock Energy	15-205-28079-00-00	Wilson	Kansas

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

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	25' 8 5/8	1107	7 7/8

Formation Record

0-8	DIRT	731-738	LIME		
8-12	CLAY	738-744	BLK SHALE (MULKEY)		
12-44	LIME	744-745	COAL		
44-96	SHALE	745-749	LIME		
96-119	LMY SHALE	749-804	SHALE		
119-126	SHALE	804-805	COAL		
126-127	COAL	805-875	SAND		
127-191	SAND / DAMP	875-878	COAL		
156	WENT TO WATER	878-987	SAND		
191-240	SHALE	987-1010	SAND / GOOD ODOR & SHOW		
240-310	LIME	1010-1040	SAND / LIGHT ODOR		
310-346	SHALE	1040-1051	SAND / DECENT ODOR		
346-366	LIME	1051-1052	COAL		
366-372	SHALE	1052-1094	SANDY SHALE		
372-412	LIME	1094-1100	COAL / BLK SHALE		
412-469	SHALE	1100-1107	SANDY SHALE		
469-473	LIME	1107	TD		
473-485	SAND				
485-510	SHALE				
510-543	LIME				
543-578	SANDY SHALE				
578-579	COAL				
579-610	SANDY SHALE				
610-639	SAND (WISER)				
639-640	COAL				
640-660	LIME (PAWNEE)				
660-661	COAL				
661-696	BLACK SHALE				
696-725	LIME (OSWEGO)				
725-731	BLK SHALE (SUMMIT)				