

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1153130

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Monogoment Plan
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Oblasida sectori
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
Conv. to GSW	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD         Permit #:	
ENHR         Permit #:	Quarter Sec Twp S. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date         Date Reached TD         Completion Date or Recompletion Date	

#### 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:

	Side Two	1153130
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional She	eets)	Yes No	)	☐ Log Name	Formatior	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	)	Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes No Yes No Yes No	>					
List All E. Logs Run:								
		CAS	ING RECORD	New	Used			
		Report all strings	set-conductor, surfa	ace, interm	nediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

#### ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot		PERFORATION Specify For	RECOF	RD - Bridge P Each Interval F	lugs Set/Typ Perforated	e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	ł.	Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	s.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF (	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sul	bmit ACC	)-18.)		Other (Specify)						<u></u>

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	GROSDIDIER, FRANCIS E 14-2
Doc ID	1153130

All Electric Logs Run

CBL	
CDL	
NDL	
DIL	
TEMP	

Air Drilling Specialist Oil & Gas Wells

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

Correct Copy

PO Box 449 Caney, KS 67333

3/13/2013 Date Started 3/14/2013 Date Completed

Operator	A.P.I #	County	State
Post Rock Energy	15-133-27641-00-00	Neosho	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
14-2	Grosdidier, Francis E	14	28	20

Туре	Driller	Cement Used	Casing Used	 Depth	Size of Hole	
Oil	Brantley Thornton	5	23' 85/8	631	77/8	ĺ

0-10	MUD	600	WENT TO WATER			
10-12	COAL	631	TD			
12-14	SHALE / WET					
14-45	SHALE					
45-95	LIME			_		
95-120	SANDY LIME			4		
120-171	SAND		`	-		,,,,,,,
171-174	LIME		;	4	· · · · · · · · · · · · · · · · · · ·	
174-176	COAL			_		
176-200	SHALE					
200-218	LIME (PAWNEE)			4		
210-260	SHALE			-		
260-282	LIME (OSWEGO)					
282-288	BLK SHALE (SUMMIT)					
288-294	LIME					
294-300	BLK SHALE (MULKY)			-		
300-303	LIME		i			
303-325	SAND / LT ODOR					
325-380	SANDY SHALE					
380-381	COAL			_		· · · · · · · · · · · · · · · · · · ·
381-403	SANDY SHALE			-		
403-405	COAL			4		
405-411	SANDY SHALE			-		
411-412	COAL			_		: 
412-450	SANDY SHALE			4		
450-452	COAL		······································	_		
452-462	SAND					
462-475	SAND / GOOD ODOR & SHOW					
475-480	SAND / LT ODOR					
480-631	SHALE			1		<u> </u> _

### **Formation Record**



TICKET NUMBER	7474
FIELD TICKET, REF#	
FORMAN Nathan	Gahingy
AFE D13048	
SSI	
API 15-133-2	7641-00-00

1

#### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNT					E COUNTY			
3-18-13	Grosdidier, Francis E. 14-2				2	14	285 20		E Neosbo
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #		TRAILR #	TRUC HOUR		EMPLOYEE SIGNATURE
Nathan Gahna	16:00	11:00		905575			5		Nat Gog
Chris Kincaid	6:30			931400	93	2900	4.	5	1 Alis
Cores Blackmen	C130			904815			4. 3	5 .	Man
									/
				5					
			(P2 /						
JOB TYPE Long St	ring HOLE	SIZE 7	18	HOLE DEPTH	63	<u>                                     </u>	ASING SIZE &	WEIGHT_	5 1/2, 14#
CASING DEPTH 627	7.93 DRILI	_ PIPE		TUBING		0	THER GUS	Jov	nes rig Cleh
SLURRY WEIGHT_		RY VOL		WATER gal/sk		C	EMENT LEFT	in CASING	Ø
DISPLACEMENT 15	3 DISPI	LACEMENT PSI_	300	MIX PSI		R	ATE	4.0	
REMARKS: location at 8:00. Rig crew on location at 8:15. Spotled trucks with dozer, Ready to run casing at 9:00. Washed in final 15'. Ready to cement at 10:00. See COWS ticked for cement sob details. Slight oil show. No topoff needed									

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905575	1	Forman Pickup	
		Cement Pump Truck	
		Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
931400	/	Casing Truck	
	627.93	Casing	
	4	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
		Frac Baffles	
		Portland Cement	
		Gilsonite	
		Flo-Seal	
	4 sks	Premium Gel	
	and the second se	Cal Chloride	
		City Water	
		KCL ·	
		KOL Seal	
	ISK	Cotton Seed Hulls	
932900	1	Casing trailer	
431150	1	Dozer	

PO Box 884, Ch	ONSOLIDA Dil Well Service nanute, KS 6672	20 FIEI		T & TREAT	TMENT REP	ORT AT		389 5 ch
	or 800-467-8676				TART # 15-13		DANOE	0.01.01.57
DATE	CUSTOMER #	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-18-13		Grisdidi	er, Francis	: 14-2				
		· · · ·	CorP	Gus Jones	TRUCK # 445	DRIVER Dave 6	TRUCK #	DRIVER
1	1402 50	huson K	d		667	Chris B		
CITY		STATE	ZIP CODE	- 1	93	Alon G	Meloy True	king
Chanut	c .	. 15					1	2
JOB TYPE 1/5	<i>o</i>	HOLE SIZE 7	5"	HOLE DEPTH	631'	CASING SIZE & W	EIGHT 5 2" (	0 142
CASING DEPTH		DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL	32 Bb/	WATER gal/s	k 9 °	CEMENT LEFT in		
	15.5 Bbl					RATE Distelar	(0) 4 BP	m
REMARKS: Sol	ely Meet	ling, Ria	00 10 3	5/2" Cosi	ng wosh	down 15	w/ 50 1	Shl, mix
400# get fligh w/hulls, 15 Bbl 1120 spacer, 3 Bbl dye water. Mited 855KS								
Thick set cement w/5# kul-seal/sk, 1# Pheurseal/st, + 1/4% (FL-115 @ 13.5 #19.								
Shut down worsh out Domp & lines. Displace wit 15. 5 Bbd Hzp, tinal pumping								
Dressure		i humped	plug @		. / ) // /	Flogt he	Id. Good	cice Satio
a all ti	mes, 5 B	BL STURY	1 to p	11. 501	5 comple	ele.		

hanks Shannon & Crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	/	PUMP CHARGE	1030.00	1030.00
5406	70	MILEAGE # 1 of 3 wells	4.00	280,00
1126A	85 515	Thicksed Cement	19 20	1632 00
1110 A	.425#	Kol-Seal @ 5±/st	. 46	195,50
1107A	854	Phenuseal @ 14/sk	1.29	109 65
1135 A	24 #	CF1-115 @ 1/4 %	10.55	753.20
5407A	4.67 Juns	Ton mileage bulk Truck	1. 34	438.51
55020	3 Hrs	20 BH Vac Truck # 93 Mercy Trucking	90,00	270:00
1173	- 3300 Gal	City Water	16 51/1000	54.45
				-
			-	
				10100 21
			DubTotal.	426331
lavin 3737		7.3%	SALES TAX	163,87
avin 3/3/	1/		ESTIMATED TOTAL	442.7.18
AUTHORIZTION	Nat	TITLE	DATE	- 3

AUTHORIZTION

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

# **Grosdidier, Francis E. 14-2**

Pipe #	Joint Length	Running Total - NO threads	Battle Location	PostRock Energy- Casing Tally Sheet
1	43.38	43.13		Date:3/14/13
2	43.37	86.25		Well Name & #:Francis Grosdidier 14-
3	43.4	129.4		Township & Range: 28S - 20E
4	43.29	172.44		County/State: Neosho/Kansas
5	43.38	215.57		AFE#:D13048
6	43.42	258.74		API# 15-133-27641-00-00
7	43.38	301.87		Comments:
8	43.33	344.95		Projected TD-631'
9	43.37	388.07		
10	43.36	431.18		Joints are numbered in Yellow
11	43.33	474.26		6
12	43.39	517.4		Subs are in orange
13	43.34	563.49		
14	43.31	603.55		3 32
15	14.9	618.2		
16	9.98	627.93		
17	4.91	632.59		Added these subs for
18	4.94	637.28	78	flexibility to adjust to actual TD
19				na selan senangan generale. Kana senan kerina kerina serekan serekan perina kerina serekan serekan serekan sere
20		ν.		Trailer# 932900
21				
22		8 (m)		Actual TD - 631
23				Log Bottom - 618.60
24				Casing Tally - 627.93
25				No Baffles
26				Centralizers per SOP
27		8		
28				
29				6
30				
31				41
32			4	
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# PostRock Energy Corp.