



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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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	HARDIN, B 27-6
Doc ID	1154231

All Electric Logs Run

CDL
DIL
NDL
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	3/22/2013
Date Completed	3/25/2013

Operator	A.P.I #	County	State
Post Rock Energy	15-205-28117-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
27-6	Hardin, B	27	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	20' 8 5/8	1032	7 7/8

Formation Record

0-4	MUD	892-893	COAL		
4-15	CLAY	893-900	SAND		
15-20	SAND	900-917	SANDY SHALE		
20-192	SANDY SHALE	917-918	COAL		
192-270	LIME	918-953	SANDY SHALE		
270-310	SANDY SHALE	953-955	COAL		
310-318	LIME	955-970	SAND		
318-328	SANDY SHALE	970-971	COAL		
328-385	LIME / DAMP	971-1012	SANDY SHALE		
405	WENT TO WATER	1012-1013	COAL		
385-454	SANDY SHALE	1013-1032	SANDY SHALE		
454-495	LIME	1032	TD		
495-550	SANDY SHALE				
550-595	SAND				
595-596	LIME				
596-598	COAL				
598-628	LIME (PAWNEE)				
628-669	SHALE				
669-688	LIME (OSWEGO)				
688-698	BLK SHALE (SUMMIT)				
698-702	LIME				
702-708	BLK SHALE (MULKY)				
708-712	LIME				
712-731	SAND				
731-733	COAL				
733-856	SANDY SHALE				
856-858	COAL				
858-867	SANDY SHALE				
867-868	COAL				
868-892	SAND				



PostRock
Energy Corporation

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

TICKET NUMBER **8013**
FIELD TICKET REF # _____
FOREMAN Nathan Gabmgn
AFE D13053
SSI _____
API 15-205-28117-00-00

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
3-27-13	Hardin, B 27-6			27	285	17E	Wilson
FOREMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gabmgn	2:00	6:00		904810		4	<i>Nathan Gabmgn</i>
Chris Kincaid		5:00		931400	932900	3	<i>Chris Kincaid</i>
Greg Blackman		5:00		903605	933235	3	<i>Greg Blackman</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1032 CASING SIZE & WEIGHT 5 1/2, 14#
 CASING DEPTH 1022.46 DRILL PIPE _____ TUBING _____ OTHER Gus Jones rig crew
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 0
 DISPLACEMENT 25.1 DISPLACEMENT PSI 500 MIX PSI _____ RATE 4 bpm

REMARKS: On location at 2:00. Spotted trucks with dozer. Ready to run casing at 2:15. Washed in final 30' Ready to cement at 3:30. See COWS ticket for cement job details. Removed trucks from location with dozer and smoothed out rutts on pad and lease road. No oil show. Will not need top off.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICE OR PRODUCT	TOTAL AMOUNT
904810	1	Foreman Pickup	
		Cement Pump Truck	
		Bulk Truck	
903605	1	Transport Truck Haul Truck	
933235	1	Transport Trailer Lowboy Trailer	
931150	1	80-Yes Dozer	
931400	1	Casing Truck	
932900	1	Casing Trailer	
	1022.46	Casing	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	—	Frac Baffles	
		Portland Cement	
		CSA-122 Sodium Silicate	
		CGL-115 Cement Fluid Loss	
	5 sks	Premium Gel	
		Cal Chloride	
		City Water	
		Chemthix-P Thixotropic	
		KOL Seal	
	1 sk	Cotton Seed Hulls	



CONSOLIDATED
Oil Well Services, LLC

AFE # 013053

TICKET NUMBER 41452

LOCATION Fureka

FOREMAN Richard Edford

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

FIELD TICKET & TREATMENT REPORT
CEMENT

API # 15-205-28117

J. H. [unclear] James [unclear]
G. T. [unclear]

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-27-13		Hardin B. 27-6	27	285	17E	Wilson
CUSTOMER Post Rock Energy Corp			Gus Jones			
MAILING ADDRESS 4402 Johnson Rd			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Chanute			520	John		
STATE KS			611	Joey		
ZIP CODE			637	Jim		
			619/79	George Taylor (Trayer)		

JOB TYPE L/S 0 HOLE SIZE 7 7/8" HOLE DEPTH 1032 CASING SIZE & WEIGHT 5 1/2" 14"
 CASING DEPTH 1027 46 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5" SLURRY VOL 44 Bbl WATER gal/sk 9.0 CEMENT LEFT in CASING 0'
 DISPLACEMENT 25' Bbl DISPLACEMENT PSI 500 MIX PSI 1000 Bump plug RATE 4 Bpm

REMARKS: Safety meeting. Rig up to 5 1/2" casing w/ washhead. Washdown 30' to PBTD Pump
 500# gel flush w/ balls, 15 Bbl dye water. Mixed 135 srs thickset cement w/ 5" ket-valve
 1" phenoseal/sk + 1/4" CSE-115 @ 13.5"/gal yield 185. Washout pump + lines, release plug. Displace
 w/ 25' Bbl fresh water. Final pump pressure 500 PSI. Bump plug to 1000 PSI release pressure, flood
 + plug hold. Good cement returns to surface = 5 Bbl slurry to pot. Job complete. Rig down.

"Thank You"

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 rd well of 3	n/c	n/c
1126A	135 srs	thickset cement	19.26	2592.00
1116A	625#	5" Ket-val/sk	.46	310.50
1107A	135#	1" phenoseal/sk	1.29	174.15
1135A	32#	1/4" CSE-115	10.55	337.60
5407A	7.43	ton mileage bulk fuel	1.34	497.81
5501C	3 hrs	Water transport	112.00	336.00
5502C	3 hrs	80 Bbl WAC TRK	90.00	270.00
1123	9000 gals	city water	16.50/1000	148.50
			subtotal	5696.56
			SALES TAX (6.3%)	224.45
			ESTIMATED TOTAL	5921.01

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

Hardin, B 27-6

Pipe #	Joint Length	Running Total - NO threads	Baffle Location	PostRock Energy- Casing Tally Sheet
1	42.08	41.83		Date: 3/25/13
2	42.34	83.92		Well Name & #: B Harding 27-6
3	42.37	126.04		Township & Range: 28S - 17E
4	42.35	168.14		County/State: Wilson/KS
5	42.35	210.24		AFE#:D13053
6	42.31	252.3		API# 15-205-28117-00-00
7	42.35	294.4		Comments:
8	42.35	336.5		Projected TD- 1010'
9	42.31	378.56		
10	42.36	420.67		Joints are numbered in White
11	42.35	462.77		
12	41.73	504.25		Subs are in orange
13	42.36	549.36		
14	42.31	588.42		
15	42.34	630.51		
16	41.92	672.18		
17	42.34	714.27		Added these subs for flexibility to adjust to actual TD
18	42.13	756.15		
19	42.33	798.23		
20	42.31	840.29		Trailer# 932900
21	42.36	882.4		
22	42.32	924.47		Actual TD - 1032
23	42.32	966.54		Log Bottom - 1031.10
24	42.31	1008.6		Casing Tally - 1027.46
25	15	1023.35		No Baffles
26	14.74	1037.84		Centralizers per SOP
27	9.88	1047.47		
28	4.96	1052.18		
29	5.11	1027.46		
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PostRock Energy Corp.