



KANSAS CORPORATION COMMISSION 1095760
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 # 33343
Name: PostRock Midcontinent Production LLC
Address 1: Oklahoma Tower
Address 2: 210 Park Ave, Ste 2750
City: OKLAHOMA CITY State: OK Zip: 73102 + _____
Contact Person: CLARK EDWARDS
Phone: (620) 432-4200
CONTRACTOR: License # 33606
Name: Thornton Air Rotary, LLC
Wellsite Geologist: KEN RECOY
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 #: _____

5/30/2012 5/31/2012 6/26/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-205-28014-00-00

Spot Description: _____

SE SW SE NE Sec. 4 Twp. 27 S. R. 15 East West
2468 Feet from North / South Line of Section
706 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Wilson

Lease Name: EBY Well #: 4-11

Field Name: _____

Producing Formation: BARTLESVILLE

Elevation: Ground: 921 Kelly Bushing: 0

Total Depth: 1305 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 22 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1298

feet depth to: 0 w/ 165 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

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: Deanne Garrison Date: 10/12/2012



1095760

Operator Name: PostRock Midcontinent Production LLC Lease Name: EBY Well #: 4-11
 Sec. 4 Twp. 27 S. R. 15 East West County: Wilson

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE LOG
---	---

CASING RECORD <input checked="" 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
SURFACE	12.25	8.625	22	22.5	A	4	
PRODUCTION	7.875	5.5	4.5	1298.55	A	165	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" 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 (Amount and Kind of Material Used)	Depth
2	1086-1091/1129-1134/1141-1143/1152-1158	53.1 BBLs PRODUCED WATER/225 BBLs 20# GEL FLUID/1260# 20/40 SAND/ 21300# 12/20 SAND/ 3G	1086-1091/1129-1134/11

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. 6/27/2012		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 checked="" 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 checked="" 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: _____ _____
--	--	--

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	EBY 4-11
Doc ID	1095760

All Electric Logs Run

GRN
DIL
CDL
NDL
TEMP



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 34701
LOCATION Lytle 25
FOREMAN Stewart Cook

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-1-12		EBY 4-11	4	27S	15E	Wilson
CUSTOMER West Park Energy Corp			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 1401 Johnson Rd			445 Danco			
CITY STATE ZIP CODE Chanute KS			515 Colby H.			

JOB TYPE Longstring HOLE SIZE 7 7/8" HOLE DEPTH 1305' CASING SIZE & WEIGHT 5 1/2 @ 14 #/ft
CASING DEPTH 1298.55 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13 # SLURRY VOL 62 Bbl WATER gal/sk 9.5 CEMENT LEFT in CASING none
DISPLACEMENT 32 Bbl DISPLACEMENT PSI 400 MIX PSI Bump/Plug 900^{PSI} RATE 5 BPM

REMARKS: Safety meeting, Rig up to 5 1/2 casing Break Circulation w/ 10 Bbl water, mixed 500# gel flash with hulls, 70 Bbl spacer, mixed 165 SKS Class "A" cement with 8% gel 2% calcium, 1/2 # Phenoseal, 10 # Kal-seal, 1/4 # CFL-115. Shut down wash out pump + lines + displace with 32 Bbl water. Final pumping pressure of 400psi, bumped Plug to 900psi wait 3 minutes release pressure, Float + plug held good. Good Circulation @ all times, 8.9 Bbl Slurry to pit. Hole was taking Fluid. Job complete.
Thanks Stewart + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1630.00	1630.00
5416	30	MILEAGE on location	N/C	N/C
4145	165 SKS	Class "A" Cement	11.95	2476.75
4153	1240 #	gel @ 8%	.21	260.40
1102	311 #	Calcium @ 2%	.74	230.14
4167A	83 #	Phenoseal @ 1/2 #/sk	1.79	148.57
4168	1650 #	Kal-seal @ 10 #/sk	.46	759.00
435A	50 #	CFL-115 1/4%	10.55	527.50
4153	500 #	gel flash	.21	105.00
1102	45 #	Hulls	.44	19.80
5410	7.75 TONS	Ton mileage bdk Truck	1.34	579.25
			Sub Total	6074.71
			6.2% SALES TAX	376.51
			ESTIMATED TOTAL	6451.22

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



PostRock
Energy Corporation

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

TICKET NUMBER 7353 ✓
FIELD TICKET REF# _____
FORMAN Nathan Gahman
AFE D12001
SSI _____
API _____

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
6-8-12	Eby 4-11						
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	6:45	11:30		905525		4.75	
Dustin Porter	7:00			903103		4.5	
Justin Jensen	7:00			903197		4.5	
Aaron Mutter	7:00	12:30		903400		4.5	
Chris Mitchell	7:00			904735		4.5	

JOB TYPE Block Squeeze HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING 730 OTHER 60s Jone Lig crew
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS:
Lig crew on location at 8:30 set up on location tripped in tubing with packer set at 730' tried to pump into zones to be squeezed but could not break into them. Pressure up to 1000 psi fall back to 700 and held. Could not get acid truck today so job was called off.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905525	1	Forman Pickup	
903197	1	Cement Pump Truck	
903103	1	Bulk Truck	
903400	1	Transport Truck	
	1	Transport Trailer	
904735	1	80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	<u>- sk</u>	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
	<u>- bbl</u>	City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	



PostRock
Energy Corporation

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

① 1/3

TICKET NUMBER 7355 ✓
FIELD TICKET REF# _____
FORMAN Nathan Gahman
AFE D12 001
SSI _____
API _____

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
6-11-12	E by 4-11						
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gahman	6:45	6:45		905525		12	Nat G
Dustin Jansen	7:00	6:30		903197		11.5	Dustin Jansen
Dustin Porter	6:45	6:15		903103		11.5	Dustin Porter
Joe Rodgers	7:00	11:30		903406		4.5	Joe Rodgers
Avan Mattox	7:00 AM	6:15		903400	932705	11.25	Avan Mattox
Chris Mitchell	7:00	6:15		904735		11.25	Chris Mitchell

JOB TYPE Block Squeeze HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 14#
 CASING DEPTH Plus at 1050' DRILL PIPE _____ TUBING 2 3/8 730' OTHER Gus Jones Rig Crew
 SLURRY WEIGHT _____ SLURRY VOL 75 sk WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI 500-800 RATE _____

REMARKS:
Set packer at 730' Layed out iron and frac valve, Pumped with acid pumper. Break down pressure was 3200 psi, rate after break down was 1.2 bpm at 2400 psi Staged 200gal 15% HCL 3 times to get pressure down to 700 psi at 3 bpm. Unhooked acid pump and iron hooked up cement pump. Flushed 30 bbl water to displace acid.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905525	1	Forman Pickup	
903197	1	Cement Pump Truck	
903103	1	Bulk Truck	
903400	1	Transport Truck	
932705	1	Transport Trailer	
904735	1	80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	<u>75 sk</u>	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
	<u>160 bbl</u>	City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	
903406	1	Acid Pump	
	<u>200gal</u>	<u>15% HCL</u>	



PostRock
Energy Corporation

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

(2)
2/3

TICKET NUMBER 7356
FIELD TICKET REF# _____
FORMAN Nathan Gehring
AFE D 12001
SSI _____
API _____

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY		
6-11-12	Eby 4-11						
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE

JOB TYPE _____ HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS:
 Rig crew forgot their well head, 1hr 30min downtime to go back to Chanute to get one. Pumped 17 bbl cement down tubing squeezed well off at 900 psi shut in 8 min pressure dropped to 750 bumped back to 900 then shut in well. Cleaned up cement pump then tripped out 2 joints tubing circulated up back side to clear tubing

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Forman Pickup	
		Cement Pump Truck	
		Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
		Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
		City Water	
		KCL	
		KOL Seal	
		Colton Seed Hulls	



PostRock
Energy Corporation

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

③ 3/8

TICKET NUMBER 7357
FIELD TICKET REF# _____
FORMAN Nathan Gagers
AFE D12001
SSI _____
API _____

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY		
6-11-12	E by 4-11						
FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE

JOB TYPE _____ HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS:
 Reset packed pressured up to 500 psi then let sit for 1 hr.
 Tripped out of well with tubing and packer. Well started back flowing
 so I installed swedge with ball valve and let sit for 1 hr 30 min
 tripped in catcher with tubing washed in 6 joints tubing, washed off
 plug then tripped out with plug

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Forman Pickup	
		Cement Pump Truck	
		Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
		Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
		City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	5/30/2012
Date Completed	5/31/2012

Well No.	Operator	Lease	A.P.I #	County	State
4-11	Post Rock Energy	EBY	15-205-28014-00-00	Wilson	Kansas

1/4	1/4	1/4	Sec.	Twp.	Rge.
			4	27	15

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Brantley	Oil		22' 5" 8 5/8	1305	7 7/8

Formation Record

0-10	MUD	541-589	LIME	1041-1061	SHALE
10-22	SHALE	554	GAS TEST - SAME	1055	G.T.- 34", 1/2"= 36 MCF
22-34	SHALE	589-671	SHALE	1061-1084	SANDY SHALE
34-55	SAND / WET SAND	654	GAS TEST - SAME	1084-1090	SAND (BVILLE) / LT ODOR
34	WENT TO WATER	671-675	LIME	1090-1115	SAND / LT ODOR
55-60	LIME	675-729	LMY SHALE	1105	G.T.- 18", 3/4"= 60 MCF
60-62	SHALE	729-803	SHALE	1115-1180	DARK SAND / LT ODOR
62-64	LIME	803-804	BLK SHALE / COAL	1180-1224	SHALE
64-71	SHALE	804-825	LIME (PAWNEE)	1224-1225	BLACK SHALE
71-74	LIME	825-829	BLACK SHALE (LEXINGTON)	1225-1242	SHALE
74-76	SHALE	829	GAS TEST - SAME	1230	G.T.-32", 3/4"= 80 MCF
76-103	LIME	829-853	LMY SHALE	1242-1243	COAL (RIVERTON)
103-175	SHALE	853-874	LIME (OSWEGO)	1243-1295	GREY LIME (MISS.)
175-219	LIME	874-878	BLK SHALE (SUMMIT)	1255	GAS TEST - SAME
219-276	SHALE	878-885	LIME	1295-1305	CHAT / CHERT
276-330	LIME	880	GAS TEST - SAME	1305	GAS TEST - SAME
330-362	SANDY SHALE	885-887	COAL (MULKY)	1305	TD
362-363	COAL	887-955	SANDY SHALE		
363-375	SHALE	930	GAS TEST - SAME		
375-378	LIME	955-956	BLK SHALE (BEVEIR)		
379	GAS TEST - NO GAS	956-970	SHALE		
378-400	SHALE	970-972	LIME (V-LIME)		
400-484	LIME	972-973	COAL/BLK SHALE (CROWBERG)		
455	GAS TEST - NO GAS	973-997	LMY SHALE		
484-487	BLACK SHALE	980	GAS TEST - SAME		
487-491	LIME	997-999	LIME		
491-505	SHALE	999-1032	SHALE		
504	G.T.- 15", 1/2"= 24.5 MCF	1032-1034	BLACK SHALE		
505-538	LIME	1034-1038	SHALE		
538-541	BLACK SHALE	1038-1041	BLACK SHALE		