



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1115237  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1115237

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	MARPLE LIV TRUST 5-3
Doc ID	1115237

All Electric Logs Run

DIL
CDL
NDL
TEMP
GRN

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 12, 2013

CLARK EDWARDS  
PostRock Midcontinent Production LLC  
Oklahoma Tower  
210 Park Ave, Ste 2750  
OKLAHOMA CITY, OK 73102

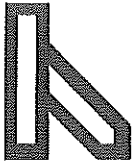
Re: ACO1  
API 15-205-28050-00-00  
MARPLE LIV TRUST 5-3  
SE/4 Sec.05-28S-17E  
Wilson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
CLARK EDWARDS



**PostRock**  
Energy Corporation

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

#1

TICKET NUMBER 907375  
FIELD TICKET REF# \_\_\_\_\_  
FORMAN Nathan Gehman  
AFE D12010  
SSI 632260  
API 15-205-28050-00-00

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

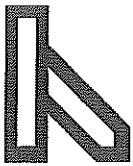
DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-25-12	Marple 5-3	5	28S	17E	Wilson

FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE
Nathan Gehman	2:30	7:30		905575		5	<i>Nathan Gehman</i>
Darrell Charney		6:45		903197		4.25	<i>Darrell Charney</i>
Colby Deegan		7:30		903600		5	<i>Colby Deegan</i>
Wes Gehman		7:30		903401	932170	5	<i>Wes Gehman</i>
Ryan Hays		6:30		931385	931387	4	<i>Ryan Hays</i>
Chris Mitchell		6:45		904735		4.25	<i>Chris Mitchell</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1132 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 1129.48 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gas Jones rig  
 SLURRY WEIGHT 13.5 SLURRY VOL 202 sk WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 27.6 DISPLACEMENT PSI 750 MIX PSI 500 RATE 4.5

REMARKS:  
 Set up on job Ran in casing. Washed in 40', had poor circulation. Ran gel sweep 60 bbls. Circulation didn't improve shut down and ran to town to get 300 lbs more gel and 1sk of cotton seed hulls. Ran extra gel with cotton seed hulls. Circulation improved. Pumped 18.25 bbl dye.

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
905575	1	Forman Pickup	
903197	1	Cement Pump Truck	
903600	1	Bulk Truck	
103401 931385	2	Transport Truck	
32170 931387	2	Transport Trailer	
904735	1	80 Vac	
903142	1	Casing Truck	
	1129.48'	Casing	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles	
	160 sks	Portland Cement	
		Gilsonite	
	1.5 sks	<del>File Seal</del> Cement Fluid loss	
	10 sks	Premium Gel	
	6 sks	Cal Chloride	
	200 bbl	City Water	
	6 sks	<del>KOL Seal</del> Sodium Silicate	
	30 sks	KOL Seal	
	1 sk	Cotton Seed Hulls	
932170	1	Casing trailer	



**PostRock**  
Energy Corporation

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

#2

TICKET NUMBER 7377  
FIELD TICKET REF# \_\_\_\_\_  
FORMAN Nathan Bohman  
AFE D12010  
SSI 632260  
API \_\_\_\_\_

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
	<u>Maple 5-3</u>				

FORMAN/ OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILR #	TRUCK HOURS	EMPLOYEE SIGNATURE

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1132 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 1129.48 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gus Jones rig  
 SLURRY WEIGHT 13.5 SLURRY VOL 202 sks WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 27.6 DISPLACEMENT PSI 250 MIX PSI 500 RATE 4.5

REMARKS:  
Pumped cement until we got dye back to surface, shut down closed pump  
 the launched plug. Pumped plug down set float shoe, Held 1100 psi  
 for 5 min. Pumped 202 sks slurry, for job. Cement fell back,  
 Washed up equipment and left location. Good oil show while running casing

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	

Marple 5-3

API - 15-205-28050-00-00

Pipe #	Length	Running Total	Baffle Location	PostRock Energy- Casing Tally Sheet
1	39.2	39.2		Date: 10/16/2012
2	38.24	77.44	c	Well Name & #: Marple LT 5-3
3	39.33	116.77		Township & Range: 28S-17E
4	39.04	155.81		County/State: Wilson/ Kansas
5	39.23	195.04		SSI#: 632260
6	38.1	233.14		AFE#: D12010
7	39.94	273.08	c	Road Location:
8	38.02	311.1		API#:
9	39.1	350.2		Comments:
10	38.8	389		Projected TD- 1101'
11	37.64	426.64		
12	39.91	466.55	c	
13	38.27	504.82		Added 2 subs (30-31)
14	38.76	543.58		30) 11.80
15	38.61	582.19		31) 9.86
16	39.5	621.69		Added these subs for flexibility to
17	38.28	659.97	c	adjust to actual TD
18	39.47	699.44		
19	38.65	738.09		TD - 1132'
20	39.93	778.02		
21	39.2	817.22		Centralizers - 7
22	39.97	857.19	c	
23	39.09	896.28		
24	38.94	935.22		
25	38.2	973.42		
26	39.64	1013.06		
27	38.15	1051.21	c	
28	38.27	1089.48		
29	9.7	1099.18		
30	11.8	1110.98		
31	9.86	1120.84		
32	8.64	1129.48	c	From Marple 5-2 (Joint 31)
33				
34				
35				
36				
37				
38				
39				
40				
41				

PostRock Energy Corp.

Troy

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	10/22/2012
Date Completed	10/24/2012

Operator	A.P.I #	County	State
Post Rock Energy	15-205-28050-00-00	Wilson	Kansas

Well No.	Lease	Sec.	Twp.	Rge.
5-3	Marple Family Trust	5	28	17

Type	Driller	Cement Used	Casing Used	Depth	Size of Hole
Oil	Brantley Thornton	5	22' 8 5/8	1132	7 7/8

### Formation Record

0-3	MUD	509-512	LIME	923-948	SHALE
3-10	SANDY SHALE	512-537	SANDY SHALE	948-952	COAL (WEIR)
10-22	LMY SHALE	537-617	SAND	952-963	SANDY SHALE
22-80	SANDY SHALE	617-619	LIME	963-965	COAL
80-90	SHALE	619-624	BLK SHALE / COAL	965-975	SANDY SHALE
90-152	SAND	624-629	LIME	975-979	SAND/SOFT,NO ODOR OR SHOW
130	WENT TO WATER	629-630	COAL	979-981	SAND/HARD,LITE ODOR
152-218	SHALE	630-645	LIME (PAWNEE)	981-990	SAND/ ODOR, GOOD SHOW
218-235	LIME	645-646	COAL	990-991	COAL
235-240	SHALE	646-660	SANDY SHALE	991-995	SAND/LT ODOR, SHOW
240-275	LIME	660-662	LIME	995-998	SAND/LT SHOW, LT ODOR
275-276	COAL	662-679	SHALE	998-1005	SAND/GOOD ODOR, SHOW
276-300	LIME	679-692	LIME (OSWEGO)	1005-1012	SAND/LESS ODOR, SHOW
300-327	SANDY SHALE	692-693	COAL (SUMMIT)	1012-1035	SAND
327-345	DARK SANDY SHALE	693-701	BLACK SHALE	1035-1095	SANDY SHALE
345-353	LIME	701-706	LIME	1095-1096	COAL
353-354	COAL	706-712	BLK SHALE/COAL (MULKY)	1096-1100	BLACK SHALE
354-359	LMY SAND / HARD	712-796	SANDY SHALE	1100-1119	SAND
359-360	LIME	796-797	COAL	1119-1132	BLACK SHALE
360-369	SHALE	796-816	SANDY SHALE	1132	TD
369-380	LIME	816-818	LIME		
380-394	SANDY LIME	818-840	SANDY SHALE		
394-399	LIME	840-842	LIME		
399-401	SHALE	842-865	SAND		
401-410	LIME	865-885	SUGAR SAND		
410-440	SANDY SHALE	885-886	LIME		
440-447	LIME	886-888	SAND		
447-490	SANDY SHALE	888-890	LIME		
490-492	LIME	890-922	SAND		
492-509	SANDY SHALE	922-923	LIME		