KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1069434

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) 4319500
CONTRACTOR: License # 33606
Name: Thornton Air Rotary, LLC
Wellsite Geologist: KEN RECOY
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [ ] Oil
- [ ] WSW
- [ ] SWD
- [ ] SIOW
- [x] 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 #:

7/18/2011	7/19/2011	8/4/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27574-00-00
Spot Description:
NE - SW - SW - SW Sec. 1 Twp. 29 S. R. 17 [x] East [ ] West
380 Feet from [ ] North / [x] South Line of Section
380 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [ ] SE [x] SW
County: Neosho
Lease Name: GILBREATH, JIM A Well #: 1-2
Field Name:
Producing Formation: CHEROKEE COALS
Elevation: Ground: 929 Kelly Bushing: 0
Total Depth: 1181 Plug Back Total Depth: 1176
Amount of Surface Pipe Set and Cemented at: 21 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1176
feet depth to: 0 w/ 200 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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 12/05/2011

Side Two

1069434

Operator Name: PostRock Midcontinent Production LLC Lease Name: GILBREATH, JIM A Well #: 1-2

Sec. 1 Twp. 29 S. R. 17 ☑ East ☐ West County: Neosho

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No
Electric Log Run ☑ Yes ☐ No
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

CDL
NDL
TEMP

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

SEE ATTACHED

CASING RECORD ☑ New ☐ 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	21	A	4	
PRODUCTION	7.875	5.5	14.5	1175.90	A	200	

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 *(Amount and Kind of Material Used)*	Depth
4	1037-1040/984-986/979-981	400GAL 15% HCL W/ 67BBLS 2% KCL WATER, 698BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 7100# 20/40	1037-1040/984-986/979-
4	885-887/829-831/767-770/727-730/706-708	400GAL 15% HCL W/ 70BBLS 2% KCL WATER, 830BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 10000# 20/4	885-887/829-831/767-77
4	633-637/621-624	400GAL 15% HCL W/ 66BBLS 2% KCL WATER, 705BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 15900# 20/4	633-637/621-624

TUBING RECORD: Size: 1.5 Set At: 1090 Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 8/15/2011

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		41	19		

DISPOSITION OF GAS:
☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

QUEST
Resource Corporation

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

120th Brown N 100' E into

AFE D11073

TICKET NUMBER 7119

FIELD TICKET REF # _____

FOREMAN Joe Blanchard

SSI 631350

API 15-133-27574

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-21-11	Gilbreath Jim 1-2	1	29	17	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	10:00		904850		4	Joe Blanchard
Justin Jansen	6:00			903255			Justin Jansen
Wes Gahman	6:00			903400	932705		Wes Gahman
Dustin Porter	6:00			903600			Dustin Porter
Joe Rogers	6:15			903142	932900		Joe Rogers
Nathan Gahman	9:00						Nathan Gahman

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1181 CASING SIZE & WEIGHT 5 1/2 14#

CASING DEPTH 1175.90 DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0

DISPLACEMENT 27.99 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:

Washed 50 5 1/2. Casing swept 1 SK gel. Installed plug Head Pump 16 BBl dye & 200 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set float shoe.

Started Casing 7:30 Started Cement 9:00

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	4 hr	Foreman Pickup	
903255	4 hr	Cement Pump Truck	
903600	4 hr	Bulk Truck	
903400	4 hr	Transport Truck	
932705	4 hr	Transport Trailer	
		80 Vac	
	1175.99	Casing 5 1/2	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" & 4 1/2"	
	160 SK	Portland Cement	
	40 SK	Gilsonite	
	2 SK	Flo-Seal	
	16 SK	Premium Gel	
	6 SK	Cal Chloride	
	1	5 1/2 Basket	
	7000gal	City Water	
903142	4 hr	Casing tractor	
932900	4 hr	Casing trailor	

Ravin 4513

TD'd. Thornton Drilling 07-19-11 Tuesday @ 3PM.

Pipe#	Length	Running Total	Baffle Location
1	39.85	39.85	
2	39.43	79.28	Cement Basket
3	38.69	117.97	
4	38.21	156.18	@ 156 ft.
5	39.01	195.19	
6	38.32	233.51	
7	39.06	272.57	
8	39.26	311.83	
9	40.24	352.07	
10	39.27	391.34	
11	39.77	431.11	
12	39.68	470.79	
13	38.46	509.25	
14	38.85	548.10	
15	39.66	587.76	
16	38.37	626.13	
17	39.74	665.87	← Set Upper Baffle @ 665.87 ft. Big Hole.
18	39.67	705.54	
19	39.74	745.28	
20	40.05	785.33	
21	39.90	825.23	
22	38.95	864.18	
23	39.35	903.53	
24	38.79	942.32	← Set Lower Baffle @ 942.32 ft. Small Hole.
25	39.37	981.69	
26	39.07	1020.76	
27	38.44	1059.20	
28	39.02	1098.22	
29	38.71	1136.93	
30	38.97	1175.90	Tally Bottom

POSTROCK ENERGY CORP - CASING TALLY SHEET
Date: 7/19/11
Well Name & #: Gilbreath, Jim A. 1-2
Township & Range: 29S-17E
County/State: Neosho / Kansas
SSI #: 631350
AFE#: D11073
Road Location: 120th & Brown, N & E into
API# 15-133-27574

Use all 30 joints + No Sub.

Be Safe! Drink liquids. Take Breaks.

Miss Top 1047 ft.

Log Bottom 1175.40 ft.

Tally Bottom 1175.90 ft.

Driller TD 1181 ft.

Teamwork works! Put Safety 1st!

T.J. Kelley
Sr. Geologist
Cell 6203059900
07-19-2011

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

Date Started	**7/18/2011**
Date Completed	**7/19/2011**

Well No.	Operator		Lease	A.P.I #		County	State
1-2	**Post Rock Energy**		**Gilbreath, Jim**	**15-133-27574-00-00**		**Neosho**	**Kansas**

1/4	1/4		1/4	Sec.		Twp.	Rge.
				1		**29 S**	**17 E**

Driller	Type/Well		Cement Used	Casing Used		Depth	Size of Hole
Sean	**Gas**		**4**	**22' 8 5/8**		**1181**	**7 7/8**

Formation Record

0-2	DIRT		565-580	SAND		1038-1047	SHALE
2-10	CLAY		580	GAS TEST-SLIGHT BLOW		1040	GAS TEST - SAME
10-39	SAND		580-596	SANDY SHALE		1047-1080	CHAT/CHIRT (MISS.)
39-40	COAL		596-621	LIME (OSWEGO)		1056	GAS TEST - SAME
40-42	SHALE		605	GAS TEST - SAME		1080-1126	LIME/CHIRT
42-43	COAL		621-628	BLACK SHALE		1126-1160	CHAT/CHIRT
43-100	SHALE		628-633	LIME		1160-1181	LIME
100-103	LIME		630	GAS TEST - SAME		1181	TD
103-107	SHALE		633-637	BLACK SHALE			
107-173	LIME		637-704	SHALE			
173-221	SAND (WET)		680	GAS TEST-20 oz., 1/2"= 28 MCF			
221-222	COAL		704-706	COAL			
222-227	SHALE		706-725	SHALE			
227-239	LIME		725-727	LIME			
230	WENT TO WATER		727-729	SHALE			
239-243	BLACK SHALE		729-730	COAL			
243-255	LIME		730-742	SANDY SHALE			
255-265	SHALE		742-768	SHALE			
265-320	LIME		768-769	COAL ?			
320-385	SHALE		769-803	SHALE			
385-399	LIME		803-804	COAL			
399-428	LMY SHALE		804-876	SHALE			
428-498	SHALE		805	GAS TEST - SAME			
430	GAS TEST - NO GAS		876-900	SANDY SHALE			
498-504	LIME		900-977	SHALE			
504-506	COAL		956	GAS TEST - SAME			
506-555	LIME		977-979	COAL			
530	GAS TEST - NO GAS		979-1036	SHALE			
555-559	BLACK SHALE		981	GAS TEST - SAME			
559-565	SHALE		1036-1038	COAL			