KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1056304

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: LANCE GALVIN
Phone: (405) 600-7704
CONTRACTOR: License # 5675
Name: McPherson, Ron dba McPherson Drilling
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 #:

01/06/2011	01/07/2011	01/19/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24635-00-00
Spot Description:
__ - __ - NW - SW Sec. 2 Twp. 35 S. R. 17 [x] East [ ] West
1980 Feet from [ ] North / [x] South Line of Section
660 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [ ] NW
- [ ] SE
- [x] SW

County: Labette
Lease Name: HAHN Well #: 2-1
Field Name:
Producing Formation: MULTIPLE
Elevation: Ground: 807 Kelly Bushing: 0
Total Depth: 1035 Plug Back Total Depth: 1026
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: 1026
feet depth to: 0 w/ 120 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:** 05/23/2011

Side Two

1056304

Operator Name: PostRock Midcontinent Production LLC Lease Name: HAHN Well #: 2-1

Sec. 2 Twp. 35 S. R. 17 ☑ East ☐ West County: Labette

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:
Attached

☐ 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	1025.94	A	120	

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	887-889	400 GAL 15% HCL W/ 58 BBLS 2% KCL WATER, 412BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 2960 20/40	887-889
4	722-724/606-608	500 GAL 15% HCL W/ 89 BBLS 2% KCL WATER, 1163BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 5935 20/4	722-724/606-608
4	389-394	500 GAL 15% HCL W/ 64 BBLS 2% KCL WATER, 847BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 15056 20/4	389-394
4	355-359	100 GAL 15% HCL W/ 30 BBLS 2% KCL WATER, 484BBLS W/ 2% KCL, BIOCIDE, MAXFLOW, 6204 20/40	355-359

TUBING RECORD: Size: 1.5 Set At: 909 Packer At:

Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 1/27/2011

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	42	41		

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

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	HAHN 2-1
Doc ID	1056304

All Electric Logs Run

CDL
DIL
NDL
TEMP

QUEST
Resource Corporation

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

D10088

TICKET NUMBER ✓ 7017
FIELD TICKET REF # _____
FOREMAN Joe Blanchard
SSI 15-099-24635
API _____

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-10-11	Hahn 2-1	2	35	17	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	12:30		904850		5.5	Joe Blanchard
Tim Walker	7:00	↓		931310	932895	↓	
Otto Powers	7:00			903197			Otto Powers
Matt Naff	7: AM			903600			Matt Naff
Wesley Goldman	7:00			913585	913837		Wesley Goldman

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1035 CASING SIZE & WEIGHT 5½ 16#
CASING DEPTH 1025.94 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
DISPLACEMENT 24.42 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:

washed 15 Ft 5½ in hole RAN 200#'s gel INSTALLED cement head RAN 16 BBl Dye + 120 SKS of cement To get dye TO Surface. Flush pump. Pump wiper plug to bottom & Set float shoe.

STARTED Casing 9:30 STARTED Cement 11:30 Left location 12:30

Cement to Surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5.5	Foreman Pickup	
903197	↓	Cement Pump Truck	
903600		Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
	1025.94 Ft	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4½ & 4½	
	100 SK	Portland Cement	
	20 SK	Gilsonite	
	1 SK	Flo-Seal	
	7 SK	Premium Gel	
	3 SK	Cal Chloride	
	1	~~KCL~~ 5½ Basket	
	7000 gal	City Water	
931300	5.5 hr	Casing truck	
932895	5.5 hr	Casing trailor	

Ravin 4513

McPherson Drilling LLC Drillers Log

PO# LRG010511-6 **AFE# D10088**

Rig Number:	**1**	**S. 2**	**T. 35**	**R.17 E**
API No. 15-	**099-24635**	County:	**LB**	
	Elev. 807	Location:	NW SW	

Operator:	POSTROCK			
Address:	210 Park Ave Ste 2750			
	Oklahoma City, OK 73102-5641			
Well No:	**2-1**	Lease Name:	**HAHN**	
Footage Location:		1980 ft. from the	SOUTH	Line
		660 ft. from the	WEST	Line
Drilling Contractor:	**McPherson Drilling LLC**			
Spud date:	1/6/2011	Geologist:	Ken Recoy	
Date Completed:	1/7/2011	Total Depth:	1032	

Gas Tests:

	MCF
195	0
229	0
379	1.83
404	7.06
429	7.06
455	7.06
520	7.06
605	34.0
685	34.0
780	8.95
830	34.0
885	37.6
915	37.6
1032	37.6

Comments:
Start injecting @

Casing Record

	Surface	Production
Size Hole:	11"	7 7/8"
Size Casing:	8 5/8"	
Weight:	23#	
Setting Depth:	22	MCP
Type Cement:	Portland	
Sacks:	4	MCP

Rig Time:

odor 230	
hit water at 440	
DRILLER:	Andy Coats

Well Log

Formation	Top	Btm.	HRS.	Formation	Top	Btm.		Formation	Top	Btm.
soil	0	3		black shale	474	476		coal	873	875
shale	3	14		sand shale	476	511		shale	875	886
lime	14	19		shale	511	518		Miss lime	886	1032
shale	19	31		black shale	518	519				
lime	31	49		shale	519	591				
coal	49	50		coal	591	592				
lime	50	62		shale	592	624				
shale	62	180		sand	624	645				
black shale	180	181		coal	645	648				
lime	181	211		sand shale	648	668				
coal	211	213		black shale	668	670				
shale	213	220		shale	670	682				
oil sand	220	230		sand	682	687				
sand shale	230	321		sand shale	687	720				
oswego lime	321	352		black shale	720	722				
summit	352	357		shale	722	731				
lime	357	387		sand shale	731	735				
mulkey	387	393		shale	735	748				
lime	393	399		black shale	748	750				
shale	399	409		shale	750	757				
coal	409	411		black shale	757	760				
shale	411	447		shale	760	825				
black shale	447	448		coal	825	828				
sand shale	448	474		shale	828	873				