



KANSAS CORPORATION COMMISSION 1048168  
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: JENNIFER SMITH  
Phone: (620) 431-9500  
CONTRACTOR: License # 5675  
Name: McPherson, Ron dba McPherson Drilling  
Wellsite Geologist: KEN RECOY  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SLOW  
 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 #: \_\_\_\_\_

<u>8/2/2010</u>	<u>8/3/2010</u>	<u>08/25/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24609-00-00

Spot Description: \_\_\_\_\_  
\_\_\_\_\_ NE SW Sec. 17 Twp. 33 S. R. 18  East  West  
1,980 Feet from  North /  South Line of Section  
1,980 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW

County: Labette

Lease Name: BUSSMAN, RALPH E Well #: 17-1

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

Producing Formation: MULTIPLE

Elevation: Ground: 805 Kelly Bushing: 0

Total Depth: 984 Plug Back Total Depth: 969

Amount of Surface Pipe Set and Cemented at: 21 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 969  
feet depth to: 0 w/ 125 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: Deanna Garrison Date: 12/14/2010

*Rec'd*



1048168

Operator Name: PostRock Midcontinent Production LLC Lease Name: BUSSMAN, RALPH E Well #: 17-1
Sec. 17 Twp. 33 S. R. 18 [X] 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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No
Electric Log Submitted Electronically [X] Yes [ ] No
List All E. Logs Run: Attached

CASING RECORD [X] New [ ] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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
Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Table with columns: Shots Per Foot, PERFORATION RECORD, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD: Size: 1.5 Set At: 944 Packer At: N/A Liner Run: [ ] Yes [X] No
Date of First, Resumed Production, SWD or ENHR: 8/31/2010
Producing Method: [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (Explain)
Estimated Production Per 24 Hours: Oil 0 Bbls, Gas 24 Mcf, Water 19 Bbls, Gas-Oil Ratio, Gravity

DISPOSITION OF GAS: [ ] Vented [X] Sold [ ] Used on Lease
METHOD OF COMPLETION: [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled [ ] Other (Specify)
PRODUCTION INTERVAL:

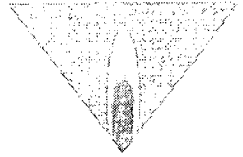
Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	BUSSMAN, RALPH E 17-1
Doc ID	1048168

All Electric Logs Run

CDL
DIL
NDL
TEMP

# QUEST

Resource Corporation



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

231  
D10012

TICKET NUMBER

6970

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI

API

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-4-10	Bussman RALPH 17-1	17	33	18	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	2:00	7:00		904850		5	Joe Blanchard
Curt Collins		6:45		931300		4.75	Curt Collins
NO DRIVER				931585	931590		
LARRY REDDICK		7:00		903600		5	Larry Reddick
Darrell Chaney		6:45		903197		4.75	Darrell Chaney

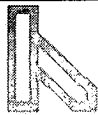
JOB TYPE Long string HOLE SIZE 7 7/8 HOLE DEPTH 983 CASING SIZE & WEIGHT 5 1/2 16  
 CASING DEPTH 969.69 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 23.08 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

Washed 5 Ft 5 1/2 in hole. Installed cement head Ran 4 SKS gal of 15 BBI dye of 125 SKS of cement to get dye to surface. Flushed Pump Pumped wiper to bottom of set float shoe.

### Cement to Surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5 hr	Foreman Pickup	
903197	4.75 hr	Cement Pump Truck	
903600	5 hr	Bulk Truck	
931385	4.75 hr	Transport Truck	
931590	4.75 hr	Transport Trailer	
	hr	BO Vac	
	969.69 Ft	Casing	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	1	Frac Baffles 4' at Small hole	
	105.83 SK	Portland Cement	
	25 SK	Gilsonite	
	1 SK	Flo-Seal	
	10 SK	Premium Gel	
	3 SK	Cal Chloride	
		KCL	
	700 gal	City Water	



PostRock

McPherson Drilling

DATE: 08/10/2010

Geology Brief - Data taken from Driller's Log & Compensated Density Log

WELL NAME:	Bussman, Ralph E.	SECTION:	17	REPORT #:		SPUD DATE:	8/2/2010
WELL #:	17-1	TWP:	33S	DEPTH:	984		
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Labette	ELEVATION:	805 Estimated	FOOTAGE:	1980 FT FROM	South	SECTION LINE
STATE:	Kansas	API #:	15-099-24609-0000		1980 FT FROM	West	SECTION LINE
						NE SW	

Fireside

ACTIVITY DESCRIPTION:

McPherson Drilling, Mac McPherson, drilled to TD 984 ft. on Tuesday, 08/03/2010 at 9:00 am.

Note: 10 foot rock samples collected for the Kansas Geological Survey (KGS) Rock Library, as required by the State of Kansas.

Surface Casing @ 21.1 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Mulberry Coal	0 mcf/day @	240-242 FT.	
Lexington Shale and Coal	0 mcf/day @	267-271 FT.	Gas test at 379 ft.
Summit Shale & Coal	0 mcf/day @	382-387 FT.	Gas test at 404 ft.
Mulky Shale & Coal	9 mcf/day @	415-420 FT.	9 mcf/day from this area. Gas test at 429 ft. & 454 ft.
Iron Post Coal	9 mcf/day @	455-457 FT.	
Bevier Coal	9 mcf/day @	469-471 FT.	
Verdigris Limestone	9 mcf/day @	482-484 FT.	No Upper Baffle Set - not enough room.
#1 Croweburg Coal & Shale	9 mcf/day @	484-491 FT.	
#2 Croweburg Coal & Shale	9 mcf/day @	498-500 FT.	Gas test at 504 ft.
Fleming Coal	0 mcf/day @	521-524 FT.	Gas test at 529 ft., 554 ft. & 604 ft.
Weir Coal	0 mcf/day @	623-625 FT.	
Bartlesville Sandstone - poor	0 mcf/day @	625-644 FT.	Lower baffle set at 737.21 ft. Small hole.
Rowe Coal	12 mcf/day @	787-789 FT.	3 mcf/day from this area. Gas test at 805 ft.
Neutral Coal	12 mcf/day @	Absent FT.	
Riverton Coal	12 mcf/day @	855-858 FT.	
Mississippi Chat/Limestone	52 mcf/day @	Top at 866 FT.	40 mcf/day from this area. Gas test at 880 ft.
TD: 984 ft.	52 mcf/day @		Gas test same at TD.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD. This water pressure may cause the Gas coming into the hole to be sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 969.69 ft. Production Casing Set by PostRock.  
Bottom Logger: 983.60 ft. Driller TD: 980 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface.

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Pawnee LS / Pink	242-267
Oswego Limestone	344-382
Mineral Coal	544-546
Tebo Coal	589-593

CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Recoy, Senior Geologist, AAPG CPG #5927 Cell: 620-305-9900 krecoy@grcp.net  
End of Drilling Report. Thank You!