



KANSAS CORPORATION COMMISSION 1048132
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 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 #: _____

<u>7/31/2010</u>	<u>8/1/2010</u>	<u>08/23/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24611-00-00

Spot Description: _____
NE_SW_SW_NW Sec. 18 Twp. 33 S. R. 18 East West
2,130 Feet from North / South Line of Section
500 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 #: 18-3

Field Name: _____

Producing Formation: MULTIPLE

Elevation: Ground: 811 Kelly Bushing: 0

Total Depth: 1006 Plug Back Total Depth: 997

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: 997
feet depth to: 0 w/ 150 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



1048132

Operator Name: PostRock Midcontinent Production LLC Lease Name: BUSSMAN, RALPH E Well #: 18-3
 Sec. 18 Twp. 33 S. R. 18 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 <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 ATTACHED
---	--

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	21.5	A	4	
PRODUCTION	7.875	5.5	14.5	997.19	A	150	

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	878.5-881.5/813-815	400gal 15%HCLw/ 58bbbs 2%kcl water, 477bbbs water w/ 2% KCL, Biocide, 9000# 20/40 sand	878.5-881.5/813-815
4	525-527/515-518/481.5-483.5	300gal 15%HCLw/ 51bbbs 2%kcl water, 450bbbs water w/ 2% KCL, Biocide, 6000# 20/40 sand	525-527/515-518/481.5-483.5
4	446-450/414-418	300gal 15%HCLw/ 41bbbs 2%kcl water, 405bbbs water w/ 2% KCL, Biocide, 2400# 20/40 sand	446-450/414-418

TUBING RECORD:	Size: <u>1.5</u>	Set At: <u>944</u>	Packer At: <u>n/a</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>08/31/2010</u>	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 Bbbs. <u>0</u>	Gas Mcf <u>21</u>	Water Bbbs. <u>313</u>	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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	---	--

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	BUSSMAN, RALPH E 18-3
Doc ID	1048132

All Electric Logs Run

CDL
DIL
NDL
TEMP

Called Kcc 8-3-10 Talked to Dwayne

9/10
6968

QUEST

Resource Corporation



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

231
D10014

TICKET NUMBER
FIELD TICKET REF #
FOREMAN Joe Blanchard
SSI 629400
API

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-3-10	Bussman Ralph 18-3	18	33	18	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	11:00	6:00		904850		7	<i>Joe Blanchard</i>
Curt Collins		5:30		931300	932895	6.5	<i>Curt Collins</i>
Josiah Gonzales		2:15		931385	931895	3.25	<i>Josiah Gonzales</i>
Lally Hernandez		6:00		903600		7	<i>Lally Hernandez</i>
Darrell Chang		6:00		903197		7	<i>Darrell Chang</i>

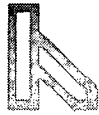
JOB TYPE Long string HOLE SIZE 7 7/8 HOLE DEPTH 1000 CASING SIZE & WEIGHT 5 1/2 16#
 CASING DEPTH 997.19 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 23.74 DISPLACEMENT PSI _____ MIX PSI _____ RATE 46pm

REMARKS:

washed 25 Ft 5 1/2 Casing in hole. Installed Cement head. Ran 4 sks gel & 12 BBL Dye of 150 sks of cement to get dye to surface. Flush pump. Pumped wiper Plug to bottom & set Float shoe.

Cement to Surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	7 hr	Foreman Pickup	
903197	7 hr	Cement Pump Truck	
903600	7 hr	Bulk Truck	
931385	6.5 hr	Transport Truck	
931397	6.5 hr	Transport Trailer	
		80 Vac	
	997.19 ft	Casing	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4 1/2" x 4"	
	130 SK	Portland Cement	
	25 SK	Gilsonite	
	1 SK	Flo-Seal	
	9 SK	Premium Gel	
	4 SK	Cal Chloride	
		KCL	
	700 gal	City Water	



PostRock

DATE: 08/16/2010

McPherson Drilling

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

WELL NAME:	Bussman, Ralph E.	SECTION:	18	REPORT #:		SPUD DATE:	7/31/2010 Saturday
WELL #:	18-3	TWP:	33S	DEPTH:	1006		
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Labette	ELEVATION:	811 Estimated	FOOTAGE:	2130	FT FROM	North SECTION LINE
STATE:	Kansas	API #:	15-099-24611-0000		500	FT FROM	West SECTION LINE
							NESWSWNW

Fireside

ACTIVITY DESCRIPTION:

McPherson Drilling, Mac McPherson, drilled to TD 1006 ft. on Sunday, 08/01/2010 at 11:00 am.

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

Surface Casing @ 21.5 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Mulberry Coal	0 mcf/day @	Absent FT.	
Lexington Shale and Coal	0 mcf/day @	301-305 FT.	Gas test at 303 ft.
Summit Shale & Coal	0 mcf/day @	411-415 FT.	Gas test at 429 ft.
Mulky Shale & Coal	19 mcf/day @	443-447 FT.	19 mcf/day from this area. Gas test at 454 ft. & 479 ft.
Iron Post Coal	19 mcf/day @	479-481 FT.	
Bevier Coal	16 mcf/day @	492-494 FT.	Gas test at 504 ft.
Verdigris Limestone	16 mcf/day @	506-509 FT.	Upper Baffle Set at 467.89 ft. Big hole.
#1 Croweburg Coal & Shale	16 mcf/day @	509-515 FT.	
#2 Croweburg Coal & Shale	16 mcf/day @	522-524 FT.	Gas test at 529 ft.
Fleming Coal	16 mcf/day @	546-549 FT.	Gas test at 629 ft. & 679 ft.
Weir Coal	16 mcf/day @	682-684 FT.	Gas test at 704 ft.
Bartlesville Sandstone	16 mcf/day @	Absent FT.	Lower baffle set at 742.21 ft. Small hole.
Rowe Coal	16 mcf/day @	810-812 FT.	
Neutral Coal	12 mcf/day @	820-822 FT.	Gas test at 830 ft. & 860 ft.
Riverton Coal	12 mcf/day @	876-879 FT.	
Mississippi Chat/Limestone	21 mcf/day @	Top at 886 FT.	2 mcf/day from this area. Gas test at 905 ft.
TD: 1006 ft.	21 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: 997.19 ft. Production Casing Set by PostRock.

Bottom Logger: 1006.40 ft. Driller TD: 1005 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	278-301
Oswego Limestone	374-411
Mineral Coal	568-570
Tebo Coal	612-614

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@pstr.com

End of Drilling Report. Thank You!