



KANSAS CORPORATION COMMISSION 1048164
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>8/1/2010</u>	<u>8/2/2010</u>	<u>8/24/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24610-00-00

Spot Description: _____

_____ NE SW Sec. 18 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 #: 18-2

Field Name: _____

Producing Formation: MULTIPLE

Elevation: Ground: 799 Kelly Bushing: 0

Total Depth: 1009 Plug Back Total Depth: 993

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: 993

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: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Garrison Date: 12/14/2010

Raid



1048164

Operator Name: PostRock Midcontinent Production LLC Lease Name: BUSSMAN, RALPH E Well #: 18-2
 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
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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	992.92	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 <i>(Amount and Kind of Material Used)</i>	Depth
4	877.5-879.5/810.5-812.5	400gal 15%HCLw/ 51bbls 2%kcl water, 548bbls water w/ 2% KCL, Blockide, 2400# 20/40 sand	877.5-879.5/810.5-812.5
4	544-546/523.5-525.5/511.5-514.5/474-476	400gal 15%HCLw/ 70bbls 2%kcl water, 593bbls water w/ 2% KCL, Blockide, 7200# 20/40 sand	544-546/523.5-525.5/511.5-514.5/474-476
4	438-442/407-411		438-442/407-411

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 Bbls. <u>0</u>	Gas Mcf <u>14</u>	Water Bbls. <u>20</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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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called KCC @ 10:00 AM Talked To Becke

QUEST

Resource Corporation

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

231
D10011

TICKET NUMBER 915 6969
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 9 Ralph 18-2			18	33	18	LTS
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	2:00		904850		7	<i>Joe Blanchard</i>
Curt Collins	7:00	↓		931585	931590	7	<i>Curt Collins</i>
Larry Lovell	7:00			903600		7	<i>Larry Lovell</i>
Darrell Chapp	7:00			903197		7	<i>Darrell Chapp</i>

JOB TYPE Longstring HOLE SIZE 7-7/8 HOLE DEPTH 1008 CASING SIZE & WEIGHT 5 1/2 16#
 CASING DEPTH 992.92 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 23.64 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

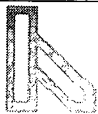
REMARKS:

~~Washed~~ washed 8 Ft of 5 1/2 Casing in hole hard washing. Installed Cement head Ran 4 SKS gal of 15 bbl dye of 120 SKS of Cement to get dye to surface. Flush pump. Pumpwiper Plug to bottom of set float shoe

→ hard washing

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	
908600	7 hr	Bulk Truck	
931385	7 hr	Transport Truck	
931	7 hr	Transport Trailer	
		80 Vac	
	992.92 ft	Casing 5 1/2	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	1	Frac Baffles 4" Small hole	
	100 SK	Portland Cement	
	250 SK	Gilsonite	
	1 SK	Flo-Seal	
	10 SK	Premium Gel	
	3 SK	Cal Chloride	
		KCL	
	7000 gal	City Water	



PostRock

DATE: 08/11/2010

McPherson Drilling

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

WELL NAME:	Bussman, Ralph E.	SECTION:	18	REPORT #:		SPUD DATE:	8/1/2010
WELL #:	18-2	TWP:	33S	DEPTH:	1009		
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Labette	ELEVATION:	801 Estimated	FOOTAGE:	1980 FT FROM	South	SECTION LINE
STATE:	Kansas	API #:	15-099-24610-0000		1980 FT FROM	West	SECTION LINE
						NE SW	

Gsf t jef !!!!!

ACTIVITY DESCRIPTION:

McPherson Drilling, Mac McPherson, drilled to TD 1009 ft. on Monday, 08/02/2010 at 11:00 am.

Note: The State of Kansas did not require rock samples on this Well.

Surface Casing @ 21.5 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Mulberry Coal	0 n dgebz!A	268-270 FT.	
Lexington Shale and Coal	0 n dgebz!A	295-300 FT.	Hbt luf t ubu414!g/! 1489!g/
Summit Shale & Coal	12 n dgebz!A	405-410 FT.	23!n dgebz!gpn !Tvn n ju!Hbt luf t ubu539!g/
Mulky Shale & Coal	9 n dgebz!A	438-442 FT.	Hbt luf t ubu565!g/
Iron Post Coal	9 n dgebz!A	Absent FT.	
Bevier Coal	9 n dgebz!A	474-476 FT.	Hbt luf t ubu589!g/! 1615!g/
Verdigris Limestone	9 n dgebz!A	505-507 FT.	No Upper Baffle Set - not enough room.
#1 Croweburg Coal & Shale	9 n dgebz!A	507-512 FT.	
#2 Croweburg Coal & Shale	9 n dgebz!A	524-526 FT.	Hbt luf t ubu63: !g/
Fleming Coal	9 n dgebz!A	544-546 FT.	Hbt luf t ubu73: !g/
Weir Coal	9 n dgebz!A	643-646 FT.	
Bartlesville Sandstone - poor	9 n dgebz!A	646-664 FT.	Lower baffle set at 739.04 ft. Small hole.
Rowe Coal	9 n dgebz!A	810-812 FT.	
Neutral Coal	19 n dgebz!A	820-822 FT.	8!n dgebz!gpn !u jt lbsf b/!Hbt luf t ubu93: !g/
Riverton Coal	31 n dgebz!A	876-879 FT.	23!n dgebz!gpn !Sjw spo!Hbt luf t ubu99!g/
Mississippi Chat/Limestone	36 n dgebz!A	Top at 889 FT.	6!n dgebz!gpn !u jt lbsf b/!Hbt luf t ubu: 16!g/
TD: 1009 ft.	36 n dgebz!A		Hbt luf t ut bn f lbuUE/

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: 992.92 ft. Production Casing Set by PostRock.

Bottom Logger: 1008.60 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	270-295
Oswego Limestone	368-405
Mineral Coal	566-568
Tebo Coal	610-616

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 | sf dpzA qt u/dpn

End of Drilling Report. Thank You!