



KANSAS CORPORATION COMMISSION 1048111
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 #: _____
7/28/2010 7/29/2010 10/25/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-133-27520-00-00
Spot Description: _____
SE NW SE SE Sec. 31 Twp. 30 S. R. 18 East West
750 Feet from North / South Line of Section
775 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Neosho
Lease Name: LECK, ROBERT J Well #: 31-2
Field Name: _____
Producing Formation: MULTIPLE
Elevation: Ground: 969 Kelly Bushing: 0
Total Depth: 1180 Plug Back Total Depth: 1178
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: 1178
feet depth to: 0 w/ 180 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



1048111

Operator Name: PostRock Midcontinent Production LLC Lease Name: LECK, ROBERT J Well #: 31-2
 Sec. 31 Twp. 30 S. R. 18 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 <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	A	4	
PRODUCTION	7.875	5.5	14.5	1178.67	A	180	

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	1040-1042/981-983/974-976	400gal 15% HCLw/ 65bbls 2% kcl water, 487bbls water w/ 2% KCL, Biocide, 8000# 20/40 sand	1040-1042/981-983/974
4	754-756/713-716/690-692	400gal 15% HCLw/ 77bbls 2% kcl water, 481bbls water w/ 2% KCL, Biocide, 5300# 20/40 sand	754-756/713-716/690-692
4	648-652	700gal 15% HCLw/ 194bbls 2% kcl water, 1737bbls water w/ 2% KCL, Biocide, 11000# 20/40 sand	648-652

TUBING RECORD: Size: <u>1.5</u> Set At: <u>1112</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>11/16/2010</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>6</u> Water Bbls. <u>27</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: _____ _____
--	--	--

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	LECK, ROBERT J 31-2
Doc ID	1048111

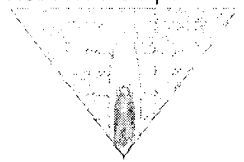
All Electric Logs Run

CDL
DIL
NDL
TEMP

QUEST

Resource Corporation

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



TICKET NUMBER 958 6962

FIELD TICKET REF # _____

FOREMAN Joe Blanchard

SSI _____

API _____

231

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-31-10	Lecy Robert 31-2				

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	10:00		903427		4	Joe Blanchard
Curt Collins	↓			931385		4	Curt Collins
DANIEL TOPIA				904735		4	Daniel Topia
NO DRIVER				903255		4	
Daniel Chapman	6:00			903600		✓ 1	Daniel Chapman

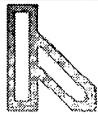
JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1180 CASING SIZE & WEIGHT 5 1/2 16#
 CASING DEPTH 1178.67 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 28.06 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

washed 15 Ft of 5 1/2 casing in hole. Installed cement cement head
 Ran 6 SKS of 20 BBI dye & 180 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
903427	4 hr	Foreman Pickup	
903255	4 hr	Cement Pump Truck	
903600	4 hr	Bulk Truck	
931385	4 hr	Transport Truck	
931387	4 hr	Transport Trailer	
904735	4 hr	80 Vac	
	1178.67 FT	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" N 4 1/2"	
	150 SK	Portland Cement	
	36 SK	Gilsonite	
	1 SK	Flo-Seal	
	16 SK	Premium Gel	
	5 SK	Cal Chloride	
		KCL	
	7000 gal	City Water	



PostRock

DATE: 08/17/2010

McPherson Drilling

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

WELL NAME:	Leck, Robert J.	SECTION:	31	REPORT #:		SPUD DATE:	7/28/2010
WELL #:	31-2	TWP:	30S	DEPTH:			1180
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Labette	ELEVATION:	969 Estimated	FOOTAGE:	750	FT FROM	South
STATE:	Kansas	API #:	15-133-27520-0000		775	FT FROM	East
							SECTION LINE
							SECTION LINE
							SENWSESE

Fireside

ACTIVITY DESCRIPTION:

McPherson Drilling, Mac McPherson, drilled to TD 1180 ft. on Thursday, 07/29/2010 at 1:00 pm.

Note: The Kansas Geological Survey (KGS) did not require Rock Samples on this Well.

Surface Casing @ 21.0 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Mulberry Coal	0 mcf/day @	517-519 FT.	
#1 Lexington Shale & Coal	0 mcf/day @	544-547 FT.	
#2 Lexington Shale & Coal	0 mcf/day @	551-553 FT.	Gas test at 604 ft.
Summit Shale & Coal	0 mcf/day @	623-626 FT.	Gas test at 625 ft.
Mulky Shale & Coal	0 mcf/day @	647-651 FT.	Gas test at 654 ft.
Iron Post Coal	0 mcf/day @	Absent FT.	Upper baffle Set at 667.41 ft. Big hole.
Bevier Coal	3 mcf/day @	690-692 FT.	3 mcf/day from Bevier Coal. Gas test at 704 ft.
Verdigris Limestone	3 mcf/day @	711-713 FT.	
#1 Croweburg Coal & Shale	3 mcf/day @	713-716 FT.	
#2 Croweburg Coal & Shale	3 mcf/day @	726-728	Gas test at 729 ft.
Fleming Coal	3 mcf/day @	754-756 FT.	Gas test at 764 ft. & 790 ft.
#1 Weir Coal - poor	3 mcf/day @	850-851 FT.	
#2 Weir Coal - poor	3 mcf/day @	863-864 FT.	
Bartlesville Sandstone	3 mcf/day @	Poorly developed FT.	Lower baffle set at 903.08 ft. Small hole.
Rowe Coal	3 mcf/day @	974-976 FT.	Gas test at 980 ft.
Neutral Coal	3 mcf/day @	981-983 FT.	
Riverton Coal	3 mcf/day @	1040-1042 FT.	
Mississippi Chat/Limestone	3 mcf/day @	Top at 1049 FT.	Gas test at 1055 ft.
TD: 1180 ft.	3 mcf/day @		Gas test 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: 1178.67 ft. Production Casing Set by PostRock.

Bottom Logger: 1176.50 ft. Driller TD: 1180 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	519-544
Oswego Limestone	589-622
Mineral Coal	769-771
Scammon Coal	793-795
Tebo Coal	737-742

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 Geology Brief. Thank You!