



KANSAS CORPORATION COMMISSION 1052656
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: LANCE GALVIN
Phone: (405) 600-7704
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>11/18/2010</u>	<u>11/22/2010</u>	<u>02/15/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-019-27032-00-00
Spot Description: _____
N2_N2_SE_SW Sec. 18 Twp. 33 S. R. 13 East West
1,310 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: Chautauqua
Lease Name: PERKINS, JAMES Well #: 18-2
Field Name: _____
Producing Formation: MULTIPLE
Elevation: Ground: 1005 Kelly Bushing: 0
Total Depth: 1570 Plug Back Total Depth: 1558
Amount of Surface Pipe Set and Cemented at: 41 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1558
feet depth to: 0 w/ 195 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: 03/23/2011



1052656

Operator Name: PostRock Midcontinent Production LLC Lease Name: PERKINS, JAMES Well #: 18-2
 Sec. 18 Twp. 33 S. R. 13 East West County: Chautauqua

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	SEE ATTACHED	
Electric Log Run	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		

List All E. Logs Run:

DIL
CDL
NDL

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	41.4	A	8	
PRODUCTION	7.875	5.5	14.5	1558	A	195	

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	1381-1386	400 GAL 15% HCL W/ 144 BBLs 2% KCL WATER, 080 BBLs W/ 2% KCL, BIOCID, MAXFLOW, 30581# 2	1381-1386
4	1002-1006	400 GAL 15% HCL W/ 65 BBLs 2% KCL WATER, 615 BBLs W/ 2% KCL, BIOCID, MAXFLOW, 10077# 2	1002-1006
4	890-896	400 GAL 15% HCL W/ 60 BBLs 2% KCL WATER, 487 BBLs W/ 2% KCL, BIOCID, MAXFLOW, 6149# 20	890-896

TUBING RECORD: Size: <u>1.5</u> Set At: <u>1462</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>02/21/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>17</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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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PostRock

DATE: 12/07/2010

McPherson Drilling

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

WELL NAME:	Perkins, James	SECTION:	18	REPORT #:		SPUD DATE:	11/18/2010 Thursday
WELL #:	18-2	TWP:	33S	DEPTH:	1570 ft.		
FIELD:	Cherokee Basin	RANGE:	13E	PBTD:			
COUNTY:	Chautauqua	ELEVATION:	1005 Estimate	FOOTAGE:	1310 FT FROM	South	SECTION LINE
STATE:	Kansas	API #:	15-019-27027-0000		1980 FT FROM	West	SECTION LINE
						N2N2SESW	

Howard

ACTIVITY DESCRIPTION: From Independence go South on HW75 to 4000, West 9.2 mi., right at Sedan cutoff, then 5.5 mi., W&N into

McPherson Drilling, Andy Coats, drilled to TD 1570 ft. on Monday, 11/22/2010 at 11:00 am.

Surface Casing @ 41.4 ft., with 8 sacks cement. Surface Casing size: 8 5/8 inch.

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Damp at 168 ft. Injecting water at 177 ft.
Stark Shale	0 mcf/day @	672-675 FT.	Gas test at 650 & 750 ft. More water at 726 & 800 ft.
Hushpuckney Shale	0 mcf/day @	Absent FT.	Gas test at 850 ft.
South Mound Shale	0 mcf/day @	887-893 FT.	Gas test at 950 ft.
Holdenville Shale	0 mcf/day @	999-1003 FT.	Gas test at 1050 ft. More water at 1028 ft.
Bandera Shale - thin	0 mcf/day @	1100-1103 FT.	Gas test at 1150 ft.
Mulberry Shale/Coal	0 mcf/day @	1230-1231 FT.	Water is affecting Gas tests & Rock Samples.
Lexington Shale/Coal	0 mcf/day @	1258-1261 FT.	Gas test at 1258 ft. Minimal Rock Samples coming up.
Summit Shale	0 mcf/day @	1351-1357 FT.	Gas test at 1360 ft.
Excello/Mulky Shale/Coal	0 mcf/day @	1378-1384 FT.	Gas test at 1385 ft.
Bevier Shale/Coal	0 mcf/day @	1403-1406 FT.	Water continues to increase. Dug second deep Pit.
Verdigris Limestone	0 mcf/day @	1420-1422 FT.	No Baffles in this Well.
Croweburg Shale/Coal	0 mcf/day @	1422-1426 FT.	Both Pits 90% full. Pulled several loads of water from Pits.
Fleming Shale/Coal	0 mcf/day @	1471-1473 FT.	Gas test at 1478 ft.
TD: 1570 ft.	0		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, from Tally Sheet: 1558.56 ft. Production Casing Set by PostRock.

Bottom Logger: 1537.00 ft. Driller TD: 1570 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface. Cement Basket above the Stark Shale.

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 (Field Copy) 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.

Winterset Limestone	647-680
Dodds Creek Sandstone - Gas affect, see CNL	704-788
Hepler Sand	896-962
Altamont Lime	1037-1060
Lenapah Lime	1086-1103
Pawnee Lime / Pink.	1231-1258
Oswego Lime	1319-1351
Tebo Coal	1512-1516

Note: All Shales in this Geology Brief are Black Carbonaceous Shales.

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 krecov@pstr.com
End of Geology Brief. Thank You!



CONSOLIDATED
Oil Well Services, L.L.C.

TICKET NUMBER 29993

LOCATION Eureka

FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

P.O. TLC 112310 CEMENT AFE D10067

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
11-23-10		PERKINS 18-2				CO	
CUSTOMER <u>Post Rock Energy</u>		SAFETY Meeting Kim JS Ng		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>4402 Johnson Rd</u>				445	John		
CITY <u>Chanute</u>		STATE <u>KS</u>	ZIP CODE	543	DAVE		

JOB TYPE CONCRETE G HOLE SIZE 7 7/8 HOLE DEPTH 1570' CASING SIZE & WEIGHT 5 1/2 14" New
 CASING DEPTH 1558' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5" SLURRY VOL 66 BBL WATER gal/sk 9" CEMENT LEFT IN CASING 0'
 DISPLACEMENT 38.7 BBL DISPLACEMENT PSI 1300 MIX PSI 1700 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 5 1/2 casing. wash down 60' 5 1/2 to total casing depth of 1558'. Pump 8 sks Gel Flush (400'), Brought Gel Flush to SURFACE w/ 80 BBL fresh water. Shut down. Rig up Cement Head. Mixed 195 sks THICK Set Cement w/ 5" Kol-Seal 1sk, 1/4" Flocc 1sk, 4 1/10% Fluid loss Additive @ 13.5" BBL, yield 1.90. Shut down. Wash out Pump & Lines. Release Plug. Displace Plug to Seat w/ 38.7 BBL fresh water. Final Pump Pressure 1300 PSI. Bump Plug to 1700 PSI. Wait 2 minutes. Re-kill Pressure. Float Held. 66 BBL Cement Slurry to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	50	MILEAGE	3.65	182.50
1126 A	195 sks	THICK Set Cement	17.00	3315.00
1110 A	975 "	Kol-Seal 5"/sk	.42 "	409.50
1107	50 "	Flocc 1/4"/sk	2.10 "	105.00
1135	73 "	FL 115 4/10%	7.50 "	547.50
1118 B	400 "	Gel Flush	.20 "	80.00
5407 A	10.72 TONS	50 mlks Buck Delv.	1.20	643.20
4406	1	5 1/2 Top Rubber Plug	61.00	61.00
		THANK YOU		
			Sub Total	6268.70
			SALES TAX 8.3%	374.99
			ESTIMATED TOTAL	6643.69

Form 9737

AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

QUEST

Resource Corporation



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

TICKET NUMBER **7000**

FIELD TICKET REF # _____

FOREMAN Joe Blanchard

SSI _____

API _____

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
12-22-10	Perkins 18-2					CO	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	2:30	6:00 PM		931505	931395	3.5	Joe Blanchard
Chris M... M... M...	2:30	6:00 PM		903197		↓	Chris M... M... M...
	2:30	6:15 PM		903206		↓	M...

JOB TYPE Top off HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS:

Topped well off with cement pumper & water. 3 sks of cement Jetted
 Down Backside.
Rest of time on Ticket is drive time & fuel truck
 times

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Foreman Pickup	
903197	3.5 hr	Cement Pump Truck	
903206	3.5 hr	Bulk Truck	
931505	3.5 hr	Transport Truck	
931395	3.5 hr	Transport Trailer	
		80 Vac	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	3 SK	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
		KCL	
		City Water	