



KANSAS CORPORATION COMMISSION 1054702
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 #:

12/17/2010	12/21/2010	2/14/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-019-27034-00-00

Spot Description:
N2 SE SE NE Sec. 18 Twp. 33 S. R. 13 East West
2,250 Feet from North / South Line of Section
330 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 #: 18-4

Field Name:
Producing Formation: SOUTH MOUND

Elevation: Ground: 1005 Kelly Bushing: 0
Total Depth: 1554 Plug Back Total Depth: 1547
Amount of Surface Pipe Set and Cemented at: 44 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1547
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: 04/27/2011



1054702

Operator Name: PostRock Midcontinent Production LLC Lease Name: PERKINS, JAMES Well #: 18-4
 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 <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	44	A	4	
PRODUCTION	7.875	5.5	14.5	1547	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
2	958-964	400 GAL 15% HCL W/ 83 BBLs 2% KCL WATER, 697 BBLs W/ 2% KCL, BIOCIDE, MAXFLOW, 4800# 20#	958-964

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>2/21/2011</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>17</u> Water Bbls. <u>0</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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Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	PERKINS, JAMES 18-4
Doc ID	1054702

All Electric Logs Run

CDL
DIL
NDL
TEMP



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER **30087**

LOCATION EUREKA

FOREMAN Kevin McCoy

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-22-10	6628	PERKINS 18-4				Co
CUSTOMER <u>Post Rock Energy</u>			Safety Meeting			
MAILING ADDRESS <u>4402 Johnson Rd</u>			KIM			
CITY <u>Chanute</u>			JS			
STATE <u>Ks</u>			Call			
ZIP CODE			TRUCK #	DRIVER	TRUCK #	DRIVER
			445	John S.		
			479	Calin H.		

JOB TYPE Longstring O HOLE SIZE 7 7/8 HOLE DEPTH 1554' CASING SIZE & WEIGHT 5 1/2 14" New
 CASING DEPTH 1547' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5" SLURRY VOL 66 bbl WATER gal/sk 2" CEMENT LEFT in CASING _____
 DISPLACEMENT 38.5 bbl DISPLACEMENT PSI 700 MIX PSI 1400 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 5 1/2 casing w/ work head. Break Circulation. wash down 20' 5 1/2 to Total depth of 1547'. Pump 8 sks Gel Flush. 35 bbl water. Surcon. no shot down. Rig up Cement Head. mixed 195 sks THICK SET Cement w/ 5" Kol-Seal 1sk 1/4" Flocele 1sk 1/10" FL 115 @ 13.5 #/gal. yield 190. shot down. wash out Pump & Lines. Release Plug. Displace Plug to Seat w/ 38.5 bbl fresh water. final Pumping Pressure 700 psi. Bump Plug to 1400 psi. wait 2 minutes. Release Pressure. Float Head. Good Cement Returns to SURFACE = 8 bbl Slurry to pt. Job Complete. Rig down.

Note: Had Very Poor fluid Returns to SURFACE @ 27 bbl Slurry mixed to 60 bbl Slurry mixed = 31 total bbl. Then we had Good Returns throughout remaining Cementing procedures.

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 #	407.50
1107	50 #	Flocele 1/4" /sk	2.10 #	105.00
1135	73 #	FL 115 1/10 #	7.50 #	547.50
1118 B	400 #	Gel Flush	.20 #	80.00
5407 A	10.72 TONS	50 miles Bulk Delv.	1.20	643.20
4406	1	5 1/2 Top Rubber Plug	61.00	61.00
			Sub Total	6268.70
		THANK YOU	SALES TAX 8.3%	375.00
			ESTIMATED TOTAL	6643.70

Rawln 3737

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.

TD'd. McPherson Drilling 12/21/10 @ 10 AM.
Perkins, Jones 18-4 (335-13E)

Pipe #	Length	Running Total	Baffle Location	Casing Tally Sheet	
1	39.34	39.34		Location: Perkins 18-4	
2	38.45	77.79		SSI#	
3	38.88	116.67	Convent	Date: 12/21/10	
4	38.11	154.78		Well TD: 1554	
5	39.24	194.02	Bracket	D10069	
6	38.79	232.81		Chautauque Co., KS.	
7	38.15	270.96	620ft		
8	38.15	309.11		Sample	
9	38.76	347.87	to		
10	38.98	386.85		KOR	
11	38.19	425.04	660ft		
12	39.21	464.25		Baffle Location	
13	39.09	503.34			
14	39.26	542.60		Notes	
15	38.80	581.40	No		
16	39.46	620.86	Baffles	Well	
17	39.28	660.14			
18	39.25	699.39		Use all 39 joints and the 25 ft. Sub.	
19	38.15	737.54			
20	39.26	776.80		Sub	
21	40.47	817.27			
22	38.30	855.57		Sub	
23	39.00	894.57			
24	38.77	933.34		Sub	
25	40.35	973.69			
26	39.14	1012.83		Sub	
27	39.28	1052.11			
28	38.04	1090.15		Sub	
29	38.22	1128.37			
30	38.52	1166.89		Sub	
31	39.09	1205.98			
32	39.54	1245.52		Sub	
33	39.75	1285.27			
34	40.43	1325.70		Sub	
35	39.31	1365.01			
36	39.10	1404.11		Sub	
37	38.64	1442.75			
38	39.34	1482.09		Sub	
39	40.30	1522.39			

SUB (25) 1547.39 Tally Bottom

Mississippi - Not deep enough.
Logger Bottom 1539.90 ft.
Tally Bottom 1547.39 ft.
Dulle TD 1554 ft.

(TKS)

Ke Key
Sr. Geologist
620 305 9900
Cell

McPherson Drilling LLC Drillers Log

POH TLC 121510-1 AFE# D10069

Rig Number: 1	S. 18 T. 33 R.13 E
API No. 15- 019-27034	County: CHAUTAUGUA
Elev. 1005	Location: N2 SE SE NE

Gas Tests:		
630	0.00	MCF
740	0.00	MCF
850	0.00	MCF
950	0.00	MCF
1050	0.00	MCF
1150	0.00	MCF

Operator: POSTROCK		
Address: 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641		
Well No: 18-4	Lease Name: JAMES PERKINS	
Footage Location:	2250 ft. from the NORTH Line	
	330 ft. from the EAST Line	
Drilling Contractor: McPherson Drilling LLC		
Spud date: 12/17/2010	Geologist: Ken Recoy	
Date Completed: 12/21/2010	Total Depth: 1554	

850 of water too much to test

wet at 214;320;501;780

Casing Record			Rig Time:	
	Surface	Production		
Size Hole:	11"	7 7/8"		
Size Casing:	8 5/8"			
Weight:	20#			
Setting Depth:	44	MCP		
Type Cement:	Portland		DRILLER: Andy Coats	
Sacks:	8	mcp	Start injecting @ 343	

Well Log									
Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.
soil	0	2		sand shale	1030	1044			
shale	2	4		sand	1044	1080			
sand	4	51		lime	1080	1106			
shale	51	214		coal	1106	1107			
sand	214	241		lime	1107	1114			
sand shale	241	393		sand shale	1114	1235			
lime	393	406		lime	1235	1248			
shale	406	501		lime	1248	1259			
sand	501	522		coal	1259	1262			
sand shale	522	670		shale	1262	1322			
lime	670	701		oswego	1322	1354			
coal	701	703		summit	1354	1362			
shale	703	772		lime	1362	1379			
sand shale	772	810		mulky	1379	1384			
black shale	810	812		lime	1384	1395			
shale	812	885		shale	1395	1407			
lime	885	602		black shale	1407	1409			
shale	602	620		shale	1409	1554 TD			
black shale	620	624							
sand shale	624	910							
shale	910	984							
coal	984	985							
shale	985	1006							
lime	1006	1030							