



KANSAS CORPORATION COMMISSION 1058604  
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     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>2/7/2011</u>	<u>2/11/2011</u>	<u>2/22/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-27903-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ SE NW Sec. 5 Twp. 28 S. R. 17  East  West  
1980 Feet from  North /  South Line of Section  
1980 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Wilson  
Lease Name: GRADY, JAMES A Well #: 5-2  
Field Name: \_\_\_\_\_  
Producing Formation: CHEROKEE COALS  
Elevation: Ground: 991 Kelly Bushing: 0  
Total Depth: 1270 Plug Back Total Depth: 1267  
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: 1267  
feet depth to: 0 w/ 185 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: 06/30/2011



1058604

Operator Name: PostRock Midcontinent Production LLC Lease Name: GRADY, JAMES A Well #: 5-2  
 Sec. 5 Twp. 28 S. R. 17  East  West County: Wilson

**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 (Attach Additional Sheets)	<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 Datum
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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:	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	1267.92	A	185	

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	1120-1122	400GAL 15% HCL W/ 66BLS 2% KCL WATER, 429BLS W/ 2% KCL, BIOCID, MAXFLOW, 2300# 20/40	1120-1122
4	920-922	400GAL 15% HCL W/ 88BLS 2% KCL WATER, 444BLS W/ 2% KCL, BIOCID, MAXFLOW, 3018# 20/40	920-922
4	722-726/710-715	400GAL 15% HCL W/ 59BLS 2% KCL WATER, 764BLS W/ 2% KCL, BIOCID, MAXFLOW, 17972# 20/40	722-726/710-715
4	492-496/368-371	400GAL 15% HCL W/ 50BLS 2% KCL WATER, 841BLS W/ 2% KCL, BIOCID, MAXFLOW, 10944# 20/40	492-496/368-371

TUBING RECORD:		Size: 1.5	Set At: 1200	Packer At: N/A	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 3/8/2011			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	34	20		

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Gpsn	BDP2! !X f mDpn qrfujpo
P qf sbups	Qpt uSpdl !Njedpojof ouQspevdjpo!MMD
X f mObn f	HSBEZ-!KBNFT!B!6.3
Epd!E	2169715

BmF rhdugd!Mpht !Svo

DEM	
EJM	
OEM	
UFNQ	

# QUEST

Resource Corporation



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

D 11009

## TREATMENT REPORT & FIELD TICKET CEMENT

TICKET NUMBER

7031

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI 618430

API 15-205-27903

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-16-11	Grady James A 5-2	5	28	17	Wb

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	12:00		904850		6	Joe Blanchard
OTIS Powers	6:00			903197		6	OTIS Powers
Nathan Galen	6:45			903142	932900	5.25	Nathan Galen
Wes Grynner	6:45			931585	931387	5.25	Wes Grynner
Matt Noff	6:00			603600		6	Matt Noff
Justin Sanson	7:00			Tractor		5	Justin Sanson

JOB TYPE Langstring HOLE SIZE 7 7/8 HOLE DEPTH 1270 CASING SIZE & WEIGHT 5 1/2 10#  
 CASING DEPTH 1267.92 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 30118 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

washed 80 Ft swept to socks gal Installed cement head pump 22 BBI dye & 185 SKS of cement Ran out of cement Flush pump Pump wiper plug to bottom & set float shoe. Light Cement To Surface due to Running out of cement during end of Job.

Started in hole 9:00 AM. Landed casing 10:30: started cement 11:15  
 Foggy so took Big white to get to location. 30 minute wait on water to cement.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	6 hr	Foreman Pickup	
903197	6 hr	Cement Pump Truck	
903600	6 hr	Bulk Truck	
931585	5.25 hr	Transport Truck	
931387	5.25 hr	Transport Trailer	
904735	6 hr	80 Vac	
	1267.92 Ft	Casing 5 1/2	
	7	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" # 4 1/2	
	150 SK	Portland Cement	
	40 SK	Gilsonite	
	2 SK	Flo-Seal	
	16 SK	Premium Gel	
	6 SK	Cal Chloride	
	1	KCL 5 1/2 Basket	
	7000 gal	City Water	
903142	5.25 hr	Casing tractor	
932900	5.25 hr	Casing trailer	

Called Rocke @ KCC 9:00 AM 2-16-11

TD d. m. Pherson Drilling Friday 02/11/2011 @ 4 PM.

Pipe#	Length	Running Total	Baffle Location	POSTROCK ENERGY CORP - CASING TALLY SHEET
1	37.78	37.78		Date: 02/14/2011
2	39.80	77.58	Cement Basket	Well Name & #: Grady, James A. 5-2
3	39.45	117.03		Township & Range: 28S-17E
4	39.45	156.48	196 Jo	County/State: Wilson/Kansas
5	39.88	196.36		SSI #: 618430
6	39.10	235.46	235 ft	AFE#: D11009
7	39.38	274.84		Road Location: 1900 & Wichita, W&S into
8	39.56	314.40		API# 15-205-27903
9	38.82	353.22		
10	38.91	392.13		
11	38.24	430.37		
12	38.92	469.29		
13	38.75	508.04		
14	38.92	546.96		
15	38.98	585.94		
16	38.38	624.32		
17	39.12	663.44		
18	39.83	703.27		
19	39.60	742.87		
20	40.12	782.99		
21	38.98	821.97		← Set Upper Baffle @ 821.97 ft. Big Hole.
(22)	38.58	860.55		
23	38.32	898.87		
24	39.20	938.07		
25	39.00	977.07		
26	40.23	1017.30		
27	39.99	1057.29		← Set Lower Baffle @ 1057.29 ft. Small Hole.
(28)	38.78	1096.07		
29	39.09	1135.16		
30	39.02	1174.18		
31	39.71	1213.85		
(32)	39.07	1252.92		
(Sub)	15.00	1267.92		

*Jonny*  
*Kor*

Use all 32 joints & the 15 ft. Sub.

**Be Safe !!**

Miss Top = 1130 ft.

Tally Bottom = 1267.92 ft.

Log Bottom = 1269.50 ft.

Driller TD = 1270 ft.

Teamwork works! Put Safety 1st!



*Ke Reavy*

Cell 620-305-9900

02-14-2011

McPherson Drilling LLC Drillers Log

PO# URG021611-1 AFE# D11009

Rig Number: 1	S. 5	T. 28	R. 17 E
API No. 15- 205-27903	Dpvouz;! Wilson		
Frhw! : : 2	Mpdbyjo;		

Gas Tests:	
611	2/79
746	2/79
771	2/79
826	3/48
841	3/48
916	5/56
941	5/56
: 16	5/56
: 31	5/56
: 42	5/56
: 66	9/98
2116	9/98
2231	9/98
2246	9/98
2381	9/98
Dpn n f out;!	
Tubsljokf djoh!A !	311#

P qf sbps;! QPTUSPDL	!!		
Beef tt;! 321!Qbs!Bwf!Tuf!3861			
PI rbi pn b!Djuz-!PL!84213.6752			
X f rntOp; 5-2	Mf bt f !Obn f ;	Grady James A	
Gppubhf !!Mpdbyjo;	2-: 91	g/lgn lu f !	OPSUI Mof
	2-: 91	g/lgn lu f !	X FTU Mof
Ejnh!Dpousbdps	McPherson Drilling LLC		
Tqvelebf ;	308122	Hf prphjt u!	Lf o!Sf dpz
Ebf !Dpn qrfuf e;	3020122	UpbrE f qu ;!	2381

Casing Record			Rig Time:	
Tvsqdf !	Qspevdjpo!			
Tj{f !! prf;	22#	8180#	i jdi 3p!A	261#2311#
Tj{f !Dbt joh;	9160#			
X f jhi u	31\$			
Tf ujoh!Ef qu ;	32	NDQ		
Uzqf !Df n f ou	Qpsuboe	!	ES.MFS;	Boez!Dpbu
Tbdlt ;	5	NDQ		

Well Log									
Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.
t pjm	1	4		rjm f	638	652	t boet i brn	: 29	: 39
rjm f	4	35		ti brn	652	659	dpbm	: 39	: 41
ti brn	35	: 1		t boe	659	686	ti brn	: 41	: 47
rjm f	: 1	21:		dpbm	686	687	dpbm	: 47	: 49
t boet i brn	21:	355		t boet i brn	687	736	t boet i brn	: 49	: 61
rjm f	355	41:		rjm f	736	738	t boe!	: 61	: 96
ti brn	41:	426		dpbm	738	73:	dpbm	: 96	: 97
rjm f	426	428		rjm f	73:	765	t boe	: 97	2123
crbdlti brn	428	432		dpbm	765	768	t boet i brn	2123	21: 1
ti brn	432	453		ti brn	768	79:	t boe	21: 1	2212
rjm f	453	45:		pt x	79:	816	ti brn	2212	2226
ti brn	45:	486		t vn n ju	816	821	dpbm	2226	2228
rjm f	486	519		pt x	821	827	ti brn	2228	2237
crbdlti brn	519	521		n vrnz	827	831	n jtt !Mn f	2237	2381
rjm f	521	531		rjm f	831	834			
ti brn	531	53:		ti brn	834	8: 8			
crbdlti brn	53:	543		dpbm	8: 8	8: :			
ti brn	543	563		ti brn	8: :	917			
t boe!	563	585		t boet i brn	917	929			
ti brn	585	594		dpbm	929	931			
crbdlti brn	594	594		ti brn	931	996			
ti brn	594	621		dpbm	996	997			
rjm f	621	626		t boet i brn	997	: 27			
ti brn	626	638		dpbm	: 27	: 29			