



KANSAS CORPORATION COMMISSION 1069362  
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: CLARK EDWARDS  
Phone: ( 620 ) 4319500  
CONTRACTOR: License # 5675  
Name: McPherson, Ron dba McPherson Drilling  
Wellsite Geologist: KEN RECOY  
Purchaser: \_\_\_\_\_

API No. 15 - 15-133-27541-00-00  
Spot Description: \_\_\_\_\_  
SW NE SW NE Sec. 16 Twp. 28 S. R. 19  East  West  
1910 Feet from  North /  South Line of Section  
1900 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Neosho  
Lease Name: STICH, WILLIAM A Well #: 16-3  
Field Name: \_\_\_\_\_  
Producing Formation: CHEROKEE COALS  
Elevation: Ground: 903 Kelly Bushing: 0  
Total Depth: 992 Plug Back Total Depth: 988  
Amount of Surface Pipe Set and Cemented at: 46 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 988  
feet depth to: 0 w/ 140 sx cmt.

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 #: \_\_\_\_\_  
2/15/2011 2/16/2011 3/4/2011  
Spud Date or Date Reached TD Completion Date or Recompletion Date

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: 12/05/2011



1069362

Operator Name: PostRock Midcontinent Production LLC Lease Name: STICH, WILLIAM A Well #: 16-3  
 Sec. 16 Twp. 28 S. R. 19  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: <b>Attached</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum <b>SEE ATTACHED</b>
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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	46	A	26	
PRODUCTION	7.875	5.5	14.5	987.63	A	140	

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	836-839/782-784	400GAL 15% HCL W/ 75BBLs 2% KCL WATER, 727BBLs W/ 2% KCL, BIOCID, MAXFLOW, 2700# 20/40	836-839/782-784
4	578-580/542-545	400GAL 15% HCL W/ 63BBLs 2% KCL WATER, 553BBLs W/ 2% KCL, BIOCID, MAXFLOW, 4200# 20/40	578-580/542-545
4	445-450	600GAL 15% HCL W/ 75BBLs 2% KCL WATER, 957BBLs W/ 2% KCL, BIOCID, MAXFLOW, 17400# 20/40	445-450
4	431-435	400GAL 15% HCL W/ 75BBLs 2% KCL WATER, 617BBLs W/ 2% KCL, BIOCID, MAXFLOW, 10100# 20/40	431-435

TUBING RECORD: Size: <u>1.5</u> Set At: <u>938</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>3/23/2011</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.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity
		27	29

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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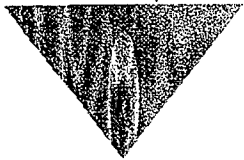
Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	STICH, WILLIAM A 16-3
Doc ID	1069362

All Electric Logs Run

DIL
NDL
CDL
TEMP

# QUEST

Resource Corporation



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

AFE D11012

TICKET NUMBER

7030

FIELD TICKET REF #

FOREMAN Otto Powers

SSI

API

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
2-15-11	Stich, William 16-3						
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Otto G. Powers	9:00	12:30		903197		3.5	Otto G. Powers
Matt Maff	9:00			903600			Matt Maff
Justin Jansen				Extra			Justin Jansen

JOB TYPE surface HOLE SIZE 11in HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 8 5/8 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS:

Drilled Down to 46' then tripped in with 45' casing cemented to surface 26 sks

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
		Foreman Pickup	
903197	1	Cement Pump Truck	
903600	1	Bulk Truck	
		Transport Truck	
		Transport Trailer	
		80 Vac	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	26 sks	Portland Cement	
		Gilsonite	
		Flo-Seal	
	5 sks	Premium Gel	
		Cal Chloride	
		KCL	
	60 bbls	City Water	

# QUEST

Resource Corporation



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

AFE  
D11012

## TREATMENT REPORT & FIELD TICKET CEMENT

TICKET NUMBER

7033

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI

API 15-133-27541

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-21-11	Stich William 16-3	16	28	19	no

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	11:45	5:30		904850		5.75	Joe Blanchard
OTHO G. POWERS		5:00		903255		5.25	Otho Powers
Wes Gorkman		5:30		931585	927887	5.75	Wes Gorkman
MATT WILF		3:30		903206		3.75	Matt Wilf
JUSTIN J. JAMES		3:30		Trammy		3.75	Justin James
Nathan Gibson		5:30		903142	932895	5.75	Nathan Gibson

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 992 CASING SIZE & WEIGHT 5 1/2 14#  
 CASING DEPTH 987.63 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 23.51 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:

washed 25 Ft 5 1/2 in hole Sump 2 SKS gel to surface. Installed cement lead ran 15 BBI dye & 140 SKS of cement to get dye to surface. Flush Pump. Pump wiper plug to bottom of set float shoe.

started 5 1/2 in hole 1:00 started cement 3:00 Very muddy location had to use 80 vac for cement instead of transport. Small Pad Plowed field.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5.75 hr	Foreman Pickup	
903255	5.25 hr	Cement Pump Truck	
903206	3.75 hr	Bulk Truck	
931585	5.75 hr	Transport Truck	
931387	5.75 hr	Transport Trailer	
704735	hr	80 Vac	
	987.63	Casing 5 1/2	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4' x 4 1/2	
	115 SK	Portland Cement	
	35 SK	Gilsonite	
	2 SK	Flo-Seal	
	12 SK	Premium Gel	
	4 SK	Cal Chloride	
	1	5 1/2 Basket	
	700 gal	City Water	
903142	5.75 hr	Casing tractor	
932900	5.75 hr	Casing trailer	

D.D. McPherson Drilling 02/16/11 Wednesday @ 2 PM.

Pipe#	Length	Running Total	Baffle Location	POSTROCK ENERGY CORP - CASING TALLY SHEET
1	38.15	38.15		Date: 02-17-2011
2	38.05	76.20	Cement Basket	Well Name & #: Stich, William A. 16-3
3	38.63	114.83		Township & Range: T28S-R19E
4	38.96	153.79	38 Jo	County/State: Neosho/Kansas
5	38.91	192.70		SSI #: Unknown
6	39.68	232.38	76-ft.	AFE#: D11012
7	39.92	272.30		Road Location: 160th & Kiowa, N&E
8	38.67	310.97		API# 15-133-27541
9	40.01	350.98		
10	39.62	390.60		sample Ken
11	40.42	431.02		
12	38.94	469.96		Set Upper Baffle @ 469.96 ft. Big Hole.
13	39.51	509.47		
14	38.25	547.72		
15	40.32	588.04		
16	39.25	627.29		
17	39.81	667.10		
18	39.02	706.12		
19	38.33	744.45		Set Lower Baffle @ 744.45 ft. Small Hole.
20	38.23	782.68		
21	39.52	822.20		
22	38.98	861.18		
23	39.40	900.58		
24	38.20	938.78		
25	38.85	977.63		
Sub	10.00	987.63		

Use all 25 joints + the 10 ft. Sub.

Be safe (Safe)!

Miss Top 849 ft.  
Tally Bottom 987.63 ft.  
Driller TD 990 ft.  
Log Bottom 992.10 ft.

Teamwork works! Put Safety 1st!  
 TRK Ke Leroy  
 Sr. Geologist  
 620-305-9900 Cell  
 02-17-2011

**McPherson Drilling LLC Drillers Log**

**PO#** LRG021611-3      **AFE#** D11012

<b>Rig Number:</b> 1	<b>S. 16</b> <b>T. 28</b> <b>R.19 E</b>
<b>API No. 15-</b> 13327541 Elev. 903	<b>County:</b> Neosho <b>Location:</b>

<b>Gas Tests:</b>	
340	SB
379	SB
449	SB
465	SB
529	SB
580	SB
605	6.18
645	31.6
685	31.6
805	34.7
839	34.7
860	34.7
990	34.7

**Comments:**  
Start injecting @ 851

<b>Operator:</b> POSTROCK			
<b>Address:</b> 210 Park Ave Ste 2750 Oklahoma City, OK 73102-5641			
<b>Well No:</b> 16-3	<b>Lease Name:</b> Stich William		
<b>Footage Location:</b> 1,910 ft. from the NORTH Line			
1,900 ft. from the EAST Line			
<b>Drilling Contractor:</b> McPherson Drilling LLC			
<b>Spud date:</b> 2/15/2011	<b>Geologist:</b> Ken Recoy		
<b>Date Completed:</b> 2/16/2011	<b>Total Depth:</b> 990		

<b>Casing Record</b>			<b>Rig Time:</b>	
	Surface	Production		
<b>Size Hole:</b>	11"	7 7/8"	<b>ODOR @</b>	
<b>Size Casing:</b>	8 5/8"		<b>hit h2o @</b>	851"
<b>Weight:</b>	20#		<b>DRILLER:</b>	Andy Coats
<b>Setting Depth:</b>	46	MCP		
<b>Type Cement:</b>	pump truck cement			
<b>Sacks:</b>				

<b>Well Log</b>										
Formation	Top	Btm.	HRS.	Formation	Top	Btm.	Formation	Top	Btm.	
soil	0	16		sand	383	391	shale	679	787	
gravel	16	23		shale	391	406	coal	787	789	
shale	23	25		lime	406	431	shale	789	797	
lime	25	68		summit	431	440	coal	797	798	
shale	68	78		lime	440	454	shale	798	833	
lime	78	102		mulky	454	459	coal	833	836	
shale	102	105		lime	459	461	shale	836	846	
coal	105	106		shale	461	510	blackshale	846	849	
shale	106	119		blackshale	510	514	shale	849	851	
lime	119	162		shale	514	516	miss.lime	851	990	
shale	162	204		coal	516	518				
lime	204	208		shale	518	539				
shale	208	212		lime	539	540				
lime	212	218		coal	540	543				
shale	218	229		shale	543	564				
lime	229	249		blackshale	564	566				
shale	249	299		shale	566	575				
lime	299	205		coal	575	578				
shale	205	324		shale	578	590				
lime	324	327		blackshale	590	592				
coal	327	329		shale	592	629				
pink lime	329	362		blackshale	629	631				
coal	362	364		shale	631	677				
shale	364	383		coal	677	679				