



KANSAS CORPORATION COMMISSION 1065842  
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 # 33606  
Name: Thornton Air Rotary, LLC  
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 #:

6/17/2011	6/20/2011	7/14/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-099-24648-00-00

Spot Description:  
W2\_E2\_NW\_SW Sec. 18 Twp. 32 S. R. 19  East  West  
1980 Feet from  North /  South Line of Section  
690 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Labette

Lease Name: MOLDENHAUER, KENNETH L Well #: 18-1

Field Name:

Producing Formation: CHEROKEE COALS

Elevation: Ground: 857 Kelly Bushing: 0

Total Depth: 952 Plug Back Total Depth: 944

Amount of Surface Pipe Set and Cemented at: 22 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: Feet

If Alternate II completion, cement circulated from: 944

feet depth to: 0 w/ 151 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: 10/24/2011



1065842

Operator Name: PostRock Midcontinent Production LLC Lease Name: MOLDENHAUER, KENNETH L Well #: 18-1  
 Sec. 18 Twp. 32 S. R. 19  East  West County: Labette

**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:			
GRN			

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	22	A	4	
PRODUCTION	7.875	5.5	14.5	943.95	A	151	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	-			

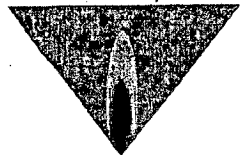
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	634-636/628-631	400GAL 15% HCL W/ 599BLS 2% KCL WATER, 930BLS W/ 2% KCL, BIOCID, MAXFLOW, 5200# 20/40	634-636/628-631
4	480-482/450-452/443-447/416-418	400GAL 15% HCL W/ 599BLS 2% KCL WATER, 715BLS W/ 2% KCL, BIOCID, MAXFLOW, 8000# 20/40	480-482/450-452/443-447
4	346-350	400GAL 15% HCL W/ 418BLS 2% KCL WATER, 775BLS W/ 2% KCL, BIOCID, MAXFLOW, 13500# 20/40	346-350
4	321-325	400GAL 15% HCL W/ 618BLS 2% KCL WATER, 600BLS W/ 2% KCL, BIOCID, MAXFLOW, 8500# 20/40	321-325

TUBING RECORD:	Size: <u>1.5</u>	Set At: <u>733</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>8/18/2011</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>53</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 (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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# QUEST

Resource Corporation



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

TICKET NUMBER

7103

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI 631410

API 15.099-24648

AFE #  
D11041

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-21-11	Moldenhauer Kenneth 18-1	18	32	19	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	11:30		904850		4.5	Joe Blanchard
DUSTIN PARRIS	6:00	11:30		903600			Dustin Parris
Justin T. Jensen	6:00	11:30		903197			Justin T. Jensen
Wes Gehring	6:00	11:30		931505	931395		Wes Gehring

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 951 CASING SIZE & WEIGHT 5 1/2 14 1/2  
 CASING DEPTH 943.95 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 22.47 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed cement head Ran 12 BBI dye & 151 SKS of cement to get dye to surface. Flush pump. Pumped wiper plug to bottom & set float shoe.

Started Casing 8:30 started Cement 10:30 Muddy location due to Rain Previous Night

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	4.5 hr	Foreman Pickup	
903197	hr	Cement Pump Truck	
903600	hr	Bulk Truck	
931505	hr	Transport Truck	
931395	hr	Transport Trailer	
		80 Vac	
	943.95	Casing 5 1/2	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" # 4 1/2	
	120 SK	Portland Cement	
	30 SK	Gilsonite	
	1 SK	Flo-Seal	
	9 SK	Premium Gel	
	5 SK	Cal Chloride	
	1	KCL 5 1/2 Basket	
	5000 gal	City Water	
903142	4.5 hr	Casing tractor	
932900	4.5 hr	Casing tractor	

WD Thornton Outlets Monday 06/20/11 @ 2 PM.

Pipe#	Length	Running Total	Baffle Location	POSTROCK ENERGY CORP - CASING TALLY SHEET
1	37.90	37.90		Date: 6/20/11
2	38.46	76.36	Cement Basket	Well Name: Mollenhauer, Kenneth L. 18.1
3	40.14	116.50		Township & Range: 32S-19E
4	39.85	156.35		County/State: Labette / Kansas
5	39.97	196.32	@ 196ft.	SSI #: 631410
6	40.23	236.55		AFE#: D11041
7	39.43	275.98		Road Location: 18,000 & Irving, N & E into
8	38.41	314.39		API# 15-099-24648
9	39.03	353.42		
10	39.85	393.27	Set Upper Baffle @ 393.27ft. Big Hole.	
11	39.37	432.64		
12	40.39	473.03		
13	38.34	511.37		
14	39.45	550.82	Set Lower Baffle @ 550.82ft. Small Hole.	
15	38.62	589.44		
16	39.53	628.97		
17	39.27	668.24		
18	38.86	707.10		
19	37.89	744.99		
20	39.69	784.68		
21	38.62	823.30		
22	40.77	864.07		
23	40.10	904.17		
24	39.78	943.95	Tally Bottom	
<p>Use all 24 joints + No Sub.</p> <p>Be Safe!</p> <p>Drink fluids. Take breaks!</p>				
Top Load				

Miss Top 800 ft.  
 Tally Bottom 943.95  
 Drill TD 950 ft.  
 Log Bottom 951.60 ft.

Teamwork works! Put Safety 1st!  
 [Signature] Ke Ross  
 Sr. Geologist  
 620 305-9900  
 06-20-2011

Air Drilling Specialist  
Oil & Gas Wells

**THORNTON AIR ROTARY, LLC**  
Office Phone: 620-879-2073

PO Box 449  
Caney, KS 67333

Date Started	6/17/2011
Date Completed	6/20/2011

Well No.	Operator	Lease	A.P.I #	County	State
18-1	Post Rock Energy	Moldenhauer, Kenneth	15-099-24648-00-00	Labette	Kansas
1/4	1/4	1/4	Sec. 18	Twp. 37	Rge. 19 E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Sean	Gas	4	22' 8 5/8	950	7 7/8

**Formation Record**

0-2	DIRT	505	WENT TO WATER		
2-15	CLAY	515-536	SANDY SHALE		
15-68	SHALE	530	GAS TEST - SAME		
68-73	LIME	536-639	SHALE		
73-78	BLACK SHALE	639-640	COAL ?		
78-89	LIME	640-700	SHALE		
89-111	SAND (DAMP)	700-735	SAND / LITE ODOR		
111-210	SHALE	731	GAS TEST - SAME		
210-235	LIME (PAWNEE)	735-777	SHALE		
230	GAS TEST - NO GAS	777-778	COAL		
235-241	BLK SHALE (LEXINGTON)	778-798	SHALE		
241-294	SHALE	781	GAS TEST - SAME		
255	GAS TEST NO GAS	798-812	CHAT/CHIRT (MISS.)		
294-319	LIME (OSWEGO)	806	GAS TEST - SAME		
305	GAS TEST - NO GAS	812-830	LMY CHIRT		
319-326	BLK SHALE (SUMMIT)	830-891	LIME		
326-345	LIME	891-950	CHAT/CHIRT		
345-349	BLACK SHALE	950	GAS TEST-7OZ ON 1/2 =16.7 MCF		
349-350	COAL (MULKY)	950	TD		
350-356	LIME				
355	GAS TEST-8 1/2 OZ, ON 1/2= 18 MCF				
356-415	SHALE				
415-416	COAL				
416-430	SHALE				
430-431	COAL				
431-450	SHALE				
450-451	COAL				
451-478	SANDY SHALE				
478-479	COAL				
479-515	SHALE				