



KANSAS CORPORATION COMMISSION 1069797  
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 #: \_\_\_\_\_

<u>7/28/2011</u>	<u>7/29/2011</u>	<u>8/22/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-27961-00-00

Spot Description: \_\_\_\_\_

SE NW SW NE Sec. 28 Twp. 28 S. R. 17  East  West  
1820 Feet from  North /  South Line of Section  
2039 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Wilson

Lease Name: NOOTEBOOM, RAINER Well #: 28-1

Field Name: \_\_\_\_\_

Producing Formation: CHEROKEE COALS

Elevation: Ground: 945 Kelly Bushing: 0

Total Depth: 1220 Plug Back Total Depth: 1214

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: 1214

feet depth to: 0 w/ 190 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 Gerrard Date: 12/09/2011



1069797

Operator Name: PostRock Midcontinent Production LLC Lease Name: NOOTEBOOM, RAINER Well #: 28-1  
 Sec. 28 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 <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 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	8	
PRODUCTION	7.875	5.5	14.5	1213.52	A	190	

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	1065-1068	400GAL 15% HCL W/ 628BLS 2% KCL WATER, 6528BLS W/ 2% KCL, BIocide, MAXFLOW, 4750F 204	1065-1068
4	914-916/844-846/817-819	400GAL 15% HCL W/ 768BLS 2% KCL WATER, 6528BLS W/ 2% KCL, BIocide, MAXFLOW, 6100F 204	914-916/844-846/817-819
4	685-690/674-678	400GAL 15% HCL W/ 688BLS 2% KCL WATER, 13528BLS W/ 2% KCL, BIocide, MAXFLOW, 11700F 20	685-690/674-678

TUBING RECORD:	Size: <u>1.5</u>	Set At: <u>1118</u>	Pecker At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR: <u>10/10/2011</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>18</u>	Gas Mcf <u>0</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	NOOTEBOOM, RAINER 28-1
Doc ID	1069797

All Electric Logs Run

CDL
NDL
TEMP
GRN



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

A.F.E.#  
D11077

TICKET NUMBER 7122  
FIELD TICKET REF # \_\_\_\_\_  
FOREMAN Nathan Gahman  
SSI 631750  
API 15-205-27961

TREATMENT REPORT  
& FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
8-1-11	Neoteboom, Ranier 28-1		28	28	17	Wilson	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	10:00		904850		4	Joe Blanchard
Nathan Gahman	6:00	10:00					Nat G
Wes Gahman	6:00	10:00		903400	932705		Wes Gahman
Robert Rice	6:00	10:00		903142	932900		Robert Rice
Justin T. Jansen	6:00	10:00		903255			Justin T. Jansen
DUSTAN PORA	6:00	10:06		903606			Dustan Pora

JOB TYPE Long String HOLE SIZE 7 7/8" HOLE DEPTH 1216.60 CASING SIZE & WEIGHT 5 1/2" 14#  
 CASING DEPTH 1213.52 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 29.60 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:  
 Installed wash head and washed down approx 15 ft. then installed plug equipment. Ran 18 bbl dye and 190 sks cement to get dye to surface. Flushed pump then pumped wiper plug to bottom and set float shoe  
 swept 1sk gel

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	4 hr	Foreman Pickup	
903255	hr	Cement Pump Truck	
903600	hr	Bulk Truck	
903400	hr	Transport Truck	
932705	hr	Transport Trailer	
904730	hr	80 Vac	
	1213.52	Casing 5 1/2"	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles	
	150 sk	Portland Cement	
	38 sk	Gilsonite	
	2 sk	Flo-Seal	
	15 sk	Premium Gel	
	5 sk	Cal Chloride	
	1	Cement basket	
	7000 gal	City Water	
903142	4 hr	Casing tractor	
932900	4 hr	Casing trailer	

TD's Houston Outlet Friday 07-29-11 @ 5PM

Pipe#	Length	Running Total	Baffle Location	POSTROCK ENERGY CORP - CASING TALLY SHEET
1	39.24	39.24		Date: 7/29/11
2	38.67	77.91	Cement Basket	Well Name & #: Nooteboom, Ranier 28-1
3	40.10	118.01		Township & Range: 28S-17E
4	39.93	157.94	@ 196 ft.	County/State: Wilson / Kansas
5	38.72	196.66		SSI #: 631750
6	40.05	236.71		AFE#: D11077
7	39.35	276.06		Road Location: 1500 & Yale, W & S into
8	38.02	314.08		API# 15-205-27961
9	38.80	352.88		
10	40.20	393.08		
11	38.49	431.57		
12	39.41	470.98		
13	38.79	509.77		
14	38.17	547.94		
15	38.54	586.48		
16	39.50	625.98		
17	39.46	665.44		
18	38.74	704.18		
19	38.97	743.15	← Set Upper Baffle @ 743.15 ft. Big Hole.	
20	38.79	781.94		
21	39.29	821.23		
22	38.48	859.71		
23	38.95	898.66		
24	38.15	936.81		
25	39.55	976.36	← Set Lower Baffle @ 976.36 ft. Small Hole.	
26	39.23	1015.59		
27	38.92	1054.51		Be Safe! Work Together.
28	39.82	1094.33		Drink liquids!
29	40.62	1134.95		Take breaks!
30	39.37	1174.32		
31	39.20	1213.52	Tally Bottom	
32	39.53	1253.05	Leave this joint out.	
Sub	17.40		Leave this Sub out.	
	14.40		Leave this Sub out.	
Use 31 joints. Do Not use joint # 32.				
↓ do Not use either Sub.				

Miss Top 1076 ft.  
Tally Bottom 1213.52 ft.  
Log Bottom 1216.60 ft.  
Driller TD 1220 ft.

Put Safety 1st! Teamworks works!!  
 DKS. Ke Rency  
 Sr. Geologist  
 Cell 620 305 9900  
 07-29-2011

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

Date Started	7/28/2011
Date Completed	7/29/2011

Well No.	Operator	Lease	A.P.I.#	County	State
28-1	Post Rock Energy	Noateboom Rainer	15-209-27961-00-00	Wilson	Kansas
1/4	1/4	1/4	Sec.	Twp.	Rge.
			28	28 S	17 E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Sean	Gas	8	44" 15/8	1220	7-7/8

### Formation Record

0-2	DIRT	630	GAS TEST - NO GAS	1068	G.T. - 4 1/2oz., 1/2" = 13.3 MCF
2-25	CLAY	653-683	LIME	1078-1100	CHAT/CHIRT (MISS.)
25-52	SHALE	680	GAS TEST - NO GAS	1086	G.T. - 3 1/2oz., 1/2" = 24.7 MCF
52-55	LIME	683-689	BLACK SHALE	1100-1164	LIME
55-63	SHALE	689-696	LIME	1164-1220	CHAT / CHIRT
63-111	SAND / LITE ODOR	696-699	BLACK SHALE	1220	GAS TEST - SAME
111-169	SHALE	699-700	COAL	1220	TD
169-172	LIME	700-705	SHALE		
172-175	SHALE	705	G.T. - 2oz., 1/8" = .747 MCF		
175-251	LIME	705-732	SAND		
251-257	SHALE	732-778	SHALE		
257-303	SAND	778-780	COAL		
305	WENT TO WATER	780-795	SHALE		
303-317	LIME	795-818	SANDY SHALE		
317-326	SHALE	818-819	COAL		
326-371	LIME	819-826	SHALE		
371-407	SHALE	826-832	SAND		
407-409	LIME	832-914	SANDY SHALE		
409-440	SHALE	856	G.T. - 18oz., 1/8" = 2.24 MCF		
440-450	LIME	914-915	COAL		
450-481	LIME SHALE	915-929	SHALE		
481-483	LIME	929-1011	SAND		
483-560	SAND	981	G.T. - 10oz., 1/4" = 5.32 MCF		
560-576	SHALE	1011-1013	COAL		
576-579	LIME	1013-1017	SHALE		
580	GAS TEST - NO GAS	1017-1018	COAL		
579-580	COAL	1018-1063	SHALE		
580-612	LIME	1031	GAS TEST - SAME		
612-616	BLACK SHALE	1063-1065	COAL		
616-653	SHALE	1065-1078	SHALE		