



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 # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

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

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

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

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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: \_\_\_\_\_ Date: \_\_\_\_\_



1069797

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 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

# QUEST

Resource Corporation

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

AFE #

D11077

### TREATMENT REPORT & FIELD TICKET CEMENT

TICKET NUMBER

7122

FIELD TICKET REF #

FOREMAN Nathan Gahman

SSI 631750

API 15-205-27961

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-1-11	Nootboom, 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		Rob Rice
Justin T. Jansen	6:00	10:00		903255			Justin T. Jansen
DUSTAN PORDA	6:00	10:06		903606			Dustan Porda

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  
swept 1sk gel

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

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	4 hr	Foreman Pickup	
903255	4 hr	Cement Pump Truck	
903600	4 hr	Bulk Truck	
903400	4 hr	Transport Truck	
932705	4 hr	Transport Trailer	
904730	4 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	

DD's Houston Drilling 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 & #: Nootboom, Ranier 28-1
3	40.10	118.01		Township & Range: 28S-17E
4	39.93	157.94	@ 196ft.	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	Be Safe! Work Together.	
27	38.92	1054.51	Drink liquids!	
28	39.82	1094.33	Take breaks!	
29	40.62	1134.95		
30	39.37	1174.32		
31	39.20	1213.52	Tally Bottom	
<del>32</del>	<del>39.53</del>	<del>1253.05</del>	Leave this joint out.	
<del>Sub</del>	<del>17.40</del>		Leave this Sub out.	
	<del>14.40</del>		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!!  
 M.S. 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	Nooteboom, Rainer	15-205-27961-00-00	Wilson	Kansas
1/4	1/4	1/4	Ser. 28	Twp. 28 S	Rge. 17 E

Driller	Type/Well	Cement Used	Casing Used	Depth	Size of Hole
Sean	Gas	8	44' 8 5/8	1220	7 7/8

### Formation Record

0-2	DIRT	630	GAS TEST - NO GAS	1068	G.T. - 1 1/2oz., 1/2" = 13.3 MCF
2-25	CLAY	653-683	LIME	1078-1100	CHAY/CHIRT (MISS.)
25-52	SHALE	680	GAS TEST - NO GAS	1086	G.T. - 2 1/2oz., 1/2" = 34.7 MCF
52-55	LIME	683-689	BLACK SHALE	1100-1164	LIME
55-63	SHALE	689-696	LIME	1164-1220	CHAY / 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		
303	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	LMY 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		