



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1239566  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1239566

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input 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 type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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 <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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## **Geological Report**

Baker #SCZ-48  
NE-SW-SE-NW, Sec. 26, T18S, R22E  
2145' FNL & 1815' FWL  
Miami County, KS  
API #15-121-30520-00-00

**Operator:** SCZ Resources LLC, Jorge Ranz, 8614 Cedarspur Drive, Houston, TX,  
77055

**Drilling Contractor:** Evans Energy Development

**Well Site Geologist:** Mark Brecheisen

**Date Drilled:** July 24<sup>th</sup>, 2014

**Size of Hole:** 6"

**Total Depth:** 420'

**Elevation:** 971' (estimated)

**Drilling Fluid:** Compressed air with fresh water injection

**Surface casing:** 20' of 7" casing cemented with 3 sacks of cement to surface

**Formation Tops:** Formation tops have not been correlated to electric logs

**Field Name:** Paola-Rantoul

**Status:** Oil Well

**Oil Shows:** Hepler Sandstone @ 296'-304'

Peru Sandstone @ 330'-350'

**Water Encountered:** Water encountered throughout the Peru Sandstone section

**On Location:** July 24<sup>th</sup>, 2014, 8:12 AM. Drilling depth of 310'; left location @ TD 420'  
@ approximately 9:00 AM.

**Notes:** Well cuttings were examined at rig and discarded. Samples of zones of  
interest were saved and examined with binocular microscope and UV light.

### **Top of the Hepler Sandstone @ 296'**

- 296'-298' Sandstone; light gray to dark brown. Very fine-grained. Well-sorted with angular to subrounded grains. Sample very shaley overall. Laminated in part. Micaceous. Friability overall excellent. Abundant vugular porosity observed on many sample surfaces. Mottled to laminar to even, dark brown oil staining on sample surfaces. Saturation overall excellent. Strong petroliferous odor to sample. Dried free oil on sample surfaces. 65% mostly mottled to even, variegated yellow hydrocarbon fluorescence. Fast, even, very strong milky blue cut; fair residual oil show to tray after cut
- 298'-300' Sandstone; light gray to dark brown. Very fine-grained. Well-sorted with angular to subrounded grains. Micaceous. Laminated in part. Poorly-cemented. Friability overall very good to excellent. Abundant vugular porosity observed on many sample surfaces. Mottled to laminar to mostly even, medium-dark to dark brown oil staining on sample surfaces. Saturation overall very good. Many sample surfaces exhibit dried free oil staining. Many freshly broken samples exhibit live oil after sample was dried. Excellent petroliferous odor to sample. 70-75% mottled to mostly even, variegated yellow hydrocarbon fluorescence. Fast, streaming to even, good to very good milky blue cut; faint to fair residual oil show to tray after cut
- 300'-302' Sandstone; light gray to medium-dark brown. Very fine-grained. Well-sorted with angular to subrounded grains. Sample shalier than previous sample. Argillaceous. Micaceous. Traces of interbedded limestone present. Friability overall very good to excellent. Vugular porosity observed on some sample surfaces. Mostly mottled to even, medium to medium-dark brown oil staining on many sample surfaces. Saturation overall good. Good petroliferous odor to sample. 55% mottled to even, medium-bright yellow hydrocarbon fluorescence. Fairly fast, bleeding to streaming, fair milky blue cut; very faint residual oil show to tray after cut
- 302'-304' Sandstone; light gray to medium-dark brown. Mottled. Very fine-grained. Well-sorted with angular to subrounded grains. Sample is very micaceous. Argillaceous. Calcareous in part. Friability overall very good. Traces of vugular porosity on some sample surfaces. Pinpoint to mottled to even, light to medium-dark brown oil staining on sample surfaces. Saturation overall fair. Good petroliferous odor to sample. 45-50% mostly mottled to even, medium-bright yellow hydrocarbon fluorescence. Slow, bleeding, poor milky blue cut; no residual oil show to tray after cut

Note: Pit was covered with oil after drilling through the Hepler Sandstone section

### Top of the Peru Sandstone @ 330'

330'-332' Sandstone; light brown. Very fine to fine-grained. Well-sorted with angular to well-rounded grains. Slightly micaceous. Very poorly-cemented. Friability overall excellent with abundant vugular porosity observed on many sample surfaces. Even, light brown oil staining on sandstone sample surfaces. Saturation overall even; poor. Sample looks "washed out". Sample had a faint petroliferous odor. Pinpoint free oil show to sample surfaces; faint free oil show to the pit. 15% slightly mottled to mostly even, variegated yellow hydrocarbon fluorescence. Fairly fast, blooming, poor milky blue cut; no residual oil show to tray after cut

Note: Traces of interbedded limestone present in sample

332'-334' Sandstone; light to medium brown. Mottled in part. Interbedded limestone present in sample. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Mottled to mostly even, light to medium brown oil staining on many sample surfaces. Friability overall very good to excellent with abundant vugular porosity observed on many sample surfaces. Freshly broken surfaces appear wet with water; probably as a result of flooding from nearby injection well. Saturation overall poor to fair. Faint petroliferous odor to sample. Pinpoint free oil show to few sample surfaces; slight free oil show to pit. 75% mostly mottled to even, variegated yellow hydrocarbon fluorescence. Fairly fast, blooming, fair milky blue cut; very faint residual oil show to tray after cut

334'-336' Sandstone; light gray to medium-dark brown. Calcareous in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Traces of interbedded limestone present. Friability overall very good to excellent with abundant vugular porosity observed on many oil-stained sandstone sample surfaces. Slightly mottled to mostly even, medium to medium-dark brown oil staining on sample surfaces. Saturation overall fair to good. This sample has had less water infiltration than previous two samples. Sample had a good petroliferous odor. Fair to good free oil show to sample surfaces and to pit. 35-40% slightly mottled to even, medium-bright yellow hydrocarbon fluorescence. Fairly fast, mostly even, fair to good milky blue cut; very faint residual oil show to tray after cut

336'-338' Sandstone; medium-dark brown. Slightly mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Interbedded limestone present in sample. Slightly micaceous. Friability overall very good to excellent with abundant vugular porosity observed on many sample surfaces. Slightly mottled to mostly even, medium-dark brown staining on

sample surfaces. Saturation overall very good. Sample had a very good petroliferous odor. Good free oil show to sample surfaces and to pit. 85% laminar to mostly even, medium-bright yellow hydrocarbon fluorescence. Fast, blooming to even, good milky blue cut; faint residual oil show to tray after cut

338'-340'

Sandstone; light gray to dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Calcareous in part with abundant limestone present in sample. Friability overall very good to excellent. Abundant vugular porosity observed on sample surfaces. Slightly mottled to mostly even, medium-dark to dark brown oil staining on sample surfaces. Saturation overall very good. Sample had a strong petroliferous odor. Very good free oil show to sample surfaces and to pit. 80% even, medium-bright yellow hydrocarbon fluorescence. Very fast, even, very strong milky blue cut; fair residual oil show to tray after cut

340'-342'

Sandstone; light gray to dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Sample very shaley and laminated in part. Micaceous. Few traces of interbedded limestone present. Calcareous in part. Friability overall good to very good with vugular porosity observed on many sample surfaces. Slightly mottled to laminar to even, medium to dark brown oil staining on sample surfaces. Saturation overall fair to good. Very good petroliferous odor to sample. Very good free oil show to sample surfaces; strong free oil show to pit. 50-55% mottled to laminar to even, variegated yellow hydrocarbon fluorescence. Instantaneous, even, very strong milky blue cut; fair to good residual oil show to tray after cut

342'-344'

Sandstone; light gray to dark brown. Mottled in part; laminated in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Traces of interbedded limestone present in sample. Sandstone much more laminated than previous sample. Calcareous in part. Argillaceous in part. Friability overall fair to good. Mottled to laminar to even, medium-dark to dark brown staining on some sample surfaces. Saturation overall fair. Sample had a strong petroliferous odor. Very good free oil show to sample surfaces and to pit. 45% mottled to laminar to even, variegated yellow hydrocarbon fluorescence. Fast, streaming to blooming, good milky blue cut; faint to fair residual oil show to tray after cut

344'-346'

Sandstone; light gray to dark brown. Very laminated. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Some freshly broken sandstone sample surfaces appear to be wet with water which is a possible sign of water infiltration from previous flooding. Friability overall fair to good. Vugular porosity observed on few sample surfaces. Interbedded limestone present in sample. Mottled to laminar to even, medium-dark to dark brown oil staining on some sample surfaces.

Saturation overall poor to fair. Sample had a good petroliferous odor. Good free oil show to sample surfaces and to pit. 35% mottled to laminar, variegated yellow hydrocarbon fluorescence. Very slow, bleeding, very poor milky blue cut; no residual oil show to tray after cut

346'-348'

Sandstone; light gray to dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Argillaceous/calcareous in part. Overall friability fair to good. Vugular porosity observed on many sample surfaces. Slightly mottled to mostly even, dark brown oil staining on sample surfaces. Saturation overall good to very good. Sample had a very strong petroliferous odor. Good free oil show to sample surfaces and to pit. 75-80% mostly mottled to even, variegated yellow hydrocarbon fluorescence. Fairly fast, streaming to blooming, fair milky blue cut; very faint residual oil show to tray after cut

348'-350'

Sandstone; light gray to dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Sample very laminated. Slightly calcareous. Carbonaceous in part. Friability overall fair. Mottled to laminar to even, dark brown to black staining on sample surfaces. Saturation overall fair to good. Sample had a good petroliferous odor. Good free oil show to sample surfaces and to pit. 40% mottled to laminar to even, variegated yellow hydrocarbon fluorescence. Fast, blooming to even, very good milky blue cut; faint to fair residual oil show to tray after cut

Note:

Picked up water throughout the Peru Sandstone section; probably from flooding. Driller needed only half the water he normally uses when circulating to produce the same amount of water at surface

**TD 420' @ approximately 9:12 AM, July 24<sup>th</sup>, 2014**

A handwritten signature in cursive script that reads "Mark D. Brechler Sr." The signature is written in black ink on a light-colored background.





**CONSOLIDATED**  
Oil Well Services, LLC

269959

TICKET NUMBER 47498

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-25-14	7752	Baker # SC248	NW 26	18	22	M1

CUSTOMER  
SCZ Resources LLC

MAILING ADDRESS  
8614 Cedarspur Dr

CITY Houston STATE TX ZIP CODE 77055

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Harber		
675	Mix Fox		
510	Dave Web		

JOB TYPE Logging HOLE SIZE 6 HOLE DEPTH 420 CASING SIZE & WEIGHT 2 7/8 EUE

CASING DEPTH 405 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug

DISPLACEMENT 2-35B DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4BPM

REMARKS: Hold crew safety meeting. Establish pump rates. Mix + Pump 100# Gel Flush. Mix + Pump 61 sks 50/50 Per Mix Cement 2% Gel. Cement to Surface. Flush pump lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to 500# PSI Release pressure to cat float valve. Shut in Casing.

JTC Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 <sup>00</sup>
5406	-	MILEAGE		N/A
5402	405'	Casing Footage		N/A
5407	1/2 Minimum	Ten Miles	510	121.44
5502C	1 1/2 hr	80 BBL Vac Truck	675	150 <sup>00</sup>
1124	61 sks	50/50 Per Mix Cement	70.150	✓
1118B	203*	Premium Gel	44.86	✓
		Material	746.16	
		Less 30%	-223.85	
		Total		522.31
4402	1	2 1/2" Rubber Plug		29.50 ✓
			2192.67	
			7.65%	
		SALES TAX		42.32 ✓
		ESTIMATED TOTAL		1950.47 ✓

Form 3737

AUTHORIZATION

Mark D. Erickson

TITLE

Geologist

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for