



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1239564  
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: \_\_\_\_\_



1239564

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-46  
NE-SW-NE-NW, Sec. 26, T18S, R22E  
1485' FNL & 1815' FWL  
Miami County, KS  
API #15---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 23<sup>rd</sup>, 2014

**Size of Hole:** 6"

**Total Depth:** 420'

**Elevation:** 962' (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'-306'

Peru Sandstone @ 327'-348'

**Water Encountered:** No appreciable water encountered while drilling.

**On Location:** July 23<sup>rd</sup>, 2014, 8:22 AM. Drilling depth of 153'; left location @ TD 420'  
@ approximately 9:45 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 medium brown. Mottled. Very fine-grained. Well-sorted with angular to subrounded grains. Very shaley. Traces of interbedded limestone present. Calcareous in part. Friability overall fair to good. Pinpoint to mottled, Light to medium brown oil staining on some sample surfaces. Saturation overall very poor. 10-15% mottled, dull yellow hydrocarbon fluorescence. Fairly fast, streaming, poor milky blue cut; no residual oil show to tray after cut
- 298'-300' Sandstone; medium-dark brown. Mottled in part. Very fine-grained. Well-sorted with angular to subrounded grains. Argillaceous in part. Poorly-cemented. Friability overall good to very good. Traces of vugular porosity on few sample surfaces. Pinpoint to mottled to even, medium-dark brown oil staining on sample surfaces. Overall oil saturation fair to good. 40-45% mottled to even, variegated yellow hydrocarbon fluorescence. Fast, streaming to blooming, good milky blue cut; very faint residual oil show to tray after cut
- 300'-302' Sandstone; medium-dark to dark brown. Very fine-grained. Well-sorted with angular to subrounded grains. Very shaley. Very micaceous. Friability overall good to very good. Vugular porosity observed on many sample surfaces. Mottled to even, medium-dark to dark brown oil staining on sample surfaces. Saturation overall good. 25-30% mottled to even, variegated yellow hydrocarbon fluorescence. Fast, streaming to blooming, good milky blue cut; faint to fair residual oil show to tray after cut
- 302'-304' Sandstone; light gray to dark brown. Very fine-grained. Well-sorted with angular to subrounded grains. Micaceous; argillaceous. Very laminated in part. Poorly-cemented. Friability overall very good. Traces of interbedded limestone present in sample. Mostly mottled to even, dark brown oil staining on sample surfaces. Saturation overall fair to good. 10-15% mottled, variegated yellow hydrocarbon fluorescence. Very fast, even, very strong milky blue cut; fair residual oil show to tray after cut
- 304'-306' Sandstone; sample 90% shale, 10% sandstone. Sandstone is light gray to dark brown. Mottled in part. Very fine-grained. Well-sorted with angular to subrounded grains. Very micaceous; very shaley. Sandstone has poor cementation. Pinpoint to even, dark brown staining on some sample surfaces. Saturation overall poor to fair. 7-10% mottled, variegated yellow hydrocarbon fluorescence. Slow, bleeding, very poor milky blue cut; no residual oil show to tray after cut

Note: Overall free oil show to the pit for the Hepler Sandstone is good

### **Top of the Peru Sandstone @ 327'**

- 327'-328' Sandstone; light gray to light brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Poorly-cemented. Friability overall very good to excellent. Abundant vugular porosity on many sample surfaces. Mottled to even, light brown oil staining on sample surfaces. Saturation overall fair. Sample has the appearance of being "washed-out". Fair petroliferous odor to sample. Fair free oil show to sample surfaces and to pit. 70% mostly mottled to even, medium-bright yellow hydrocarbon fluorescence. Fast, blooming, fair milky blue cut; no residual oil show to tray after cut
- 328'-330' Sandstone; medium to medium-dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Poorly-cemented. Friability overall excellent. Abundant vugular porosity observed on many sample surfaces. Mottled to mostly even, medium to medium-dark brown oil staining on sample surfaces. Saturation overall good to very good. Sample had a good petroliferous odor. Good free oil show to sample surfaces and to pit. 85% slightly mottled to mostly even, medium-bright yellow hydrocarbon fluorescence. Very fast, streaming to even, good milky blue cut; faint residual oil show to tray after cut
- 330'-332' Sandstone; 95% shale, 5% sandstone. Traces of interbedded limestone in sample. Sandstone is light gray to medium-dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Calcareous in part. Laminated in part. Mottled to mostly even, medium brown oil staining on sample surfaces. Saturation overall poor to fair. Very faint petroliferous odor to sample. No free oil show to sample surfaces; slight free oil show to pit. Less than 3% mottled to even, medium-bright yellow hydrocarbon fluorescence. Fairly fast, bleeding to streaming, poor milky blue cut; no residual oil show to tray after cut
- 332'-334' Shale; 98% shale, 2% sandstone. Sandstone is light gray to medium brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Micaceous. Argillaceous in part. Traces of interbedded limestone present in sample. Friability overall fair to good. No real vugular porosity observed on sandstone sample surfaces. Mottled to even, medium-dark brown oil staining on few sample surfaces. Saturation overall poor. Sample had a faint to fair petroliferous odor. Fair, pinpoint to laminar to mottled free oil show to sample surfaces; fair free oil show to pit. 3-5% mostly mottled to even, medium-bright yellow hydrocarbon fluorescence. Very slow, slightly bleeding, very poor milky blue cut; no residual oil show to tray after cut
- 334'-336' Sandstone; light gray to dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Micaceous and calcareous in part. Traces of interbedded limestone present in sample.

Friability overall fair to very good. Abundant vugular porosity observed on few sample surfaces. Mottled to laminar to even, medium-dark brown oil staining on sample surfaces. Saturation overall fair to good. Sample had a very strong petroliferous odor. Very good free oil show to sample surfaces; very strong free oil show to pit. 15%, mostly even, medium-bright yellow hydrocarbon fluorescence. Fairly fast, streaming, fair milky blue cut; very faint residual oil show to tray after cut

336'-338'

Sandstone; medium-dark to dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Micaceous. Few traces of interbedded limestone present. Poorly-cemented. Friability overall excellent. Mottled to even, medium-dark to dark brown oil staining on sample surfaces. Abundant vugular porosity observed on many sample surfaces. Saturation overall very good. Sample had an excellent petroliferous odor. Very strong, even, free oil show to sample surfaces; very strong to excellent free oil show to pit. 75% even, variegated yellow hydrocarbon fluorescence. Fast, even, strong milky blue cut; fair residual oil show to tray after cut

338'-340'

Sandstone; light gray to medium-dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Sample very shaley and laminated. Micaceous in part. Traces of interbedded limestone present. Fairly well-cemented. Friability overall fair to good. Traces of vugular porosity on few sample surfaces. Mostly mottled to even, medium-dark brown oil staining on some sample surfaces. Saturation overall fair. Sample had a good petroliferous odor. Fair to good free oil show to sample surfaces; fair free oil show to pit. 15-20% mottled to mostly even, medium yellow hydrocarbon fluorescence. Fairly fast, mostly even, good milky blue cut; faint residual oil show to tray after cut

340'-342'

Sandstone; light gray to medium-dark brown. Mottled. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Sample very shaley overall, and laminated in part. Poorly-cemented. Friability overall good to very good. Vugular porosity observed on many sample surfaces. Mottled to laminar to even, medium-dark brown staining on sample surfaces. Saturation overall fair to good. Excellent petroliferous odor to sample. Excellent free oil show to sample surfaces and to pit. 10% slightly mottled to mostly even, medium yellow hydrocarbon fluorescence. Slow, bleeding, fair milky blue cut; no residual oil show to tray after cut

342'-344'

Sandstone; light gray to dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Calcareous in part. Fairly well-cemented. Friability overall is fair. Vugular porosity observed on many sample surfaces. Mottled to even, dark brown oil staining on many sample surfaces. Saturation overall very good to

excellent. Sample had an excellent petroliferous odor. Very good to excellent free oil show to sample surfaces; good to very good free oil show to pit. 85% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Instantaneous, even, excellent milky blue cut; very strong residual oil show to tray after cut

344'-346'

Sandstone; 50% limestone, 50% sandstone. Sandstone sample is light gray to dark brown. Mottled. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Micaceous in part. Calcareous in part. Well-cemented. Friability overall fair. Traces of vugular porosity on few sample surfaces. Mostly mottled to even, medium to dark brown oil staining on sample surfaces. Saturation overall poor to fair. Sample had a very good petroliferous odor. Very good free oil show to sample surfaces and to pit. 60-65% mottled to even, variegated yellow hydrocarbon fluorescence. Instantaneous, even, very strong milky blue cut; good residual oil show to tray after cut

Note:

Overall free oil show to the pit for the entire Peru section was very good to excellent

**TD 420' @ approximately 9:45 AM, July 23<sup>rd</sup>, 2014**

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



**CONSOLIDATED**  
Oil Well Services, LLC

269958

TICKET NUMBER 47497  
LOCATION Oxtawa KS  
FOREMAN Fred Maden

PO Box 884, Chanute, KS 66726  
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 # SCZ-46	NW 26	18	22	MI
CUSTOMER			TRUCK #			
SCZ Resources LLC			DRIVER			
MAILING ADDRESS			TRUCK #			
8614 Cedarspur Dr			DRIVER			
CITY			TRUCK #			
Houston			DRIVER			
STATE			TRUCK #			
TX			DRIVER			
ZIP CODE			TRUCK #			
77055			DRIVER			
JOB TYPE <u>Longstring</u>			CASING SIZE & WEIGHT <u>2 3/8 EUF</u>			
HOLE SIZE <u>6</u>			HOLE DEPTH <u>420</u>			
CASING DEPTH <u>4050</u>			TUBING			
SLURRY WEIGHT			WATER gal/sk			
SLURRY VOL			CEMENT LEFT in CASING <u>2 1/2" Plug</u>			
DISPLACEMENT <u>2.350</u>			DISPLACEMENT PSI			
			MIX PSI			
			RATE <u>4 BPM</u>			
REMARKS: <u>Hold crew safety meeting. Establish pump rate. Mix Pump 100# Gel</u>						
<u>Flush. Mix Pump 61 bks 50/50 POC Mix Cement 7% Gel</u>						
<u>Cement to surface. Flush pump &amp; lines clean. Displace 2 1/2"</u>						
<u>Rubber plug to casing TO Pressure to 800# PSI. Release</u>						
<u>pressure to set float valve. Shut in casing.</u>						

JTC Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1055.00 ✓
5406	30 mi	MILEAGE		126.00 ✓
5402	405'	Casing footage		N/C ✓
5407	1/3 Minimum	Ton Miles		121.44 ✓
5502C	1 1/2 hr	80 BBL Vac Truck		150.00 ✓
1124	61	50/50 POC Mix Cement	701.50	✓
1118B	203#	Premium Gel	446.60	✓
		Material	746.16	
		Loss 30%	- 223.85	
		Total		522.31
5402	1	2 1/2" Rubber Plug		29.50 ✓
			2318.67	
			7.65	
		SALES TAX		42.32 ✓
		ESTIMATED TOTAL		2076.52 ✓

Rev 5/07

AUTHORIZATION

*Made W. Bachman*  
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 form.