



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1239597  
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: \_\_\_\_\_



1239597

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](mailto: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 <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  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
<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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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## **Geological Report**

Baker #SCZ-I-12  
E2-W2-NW, Sec. 26, T18S, R22E  
1320' FNL & 990' FWL  
Miami County, KS  
API #15-121-30194-00-00

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

**Drilling Contractor:** Evans Energy Development

**Well Site Geologist:** Mark Brecheisen

**Date Drilled:** August 19<sup>th</sup>, 2014

**Size of Hole:** 5 5/8"

**Total Depth:** 420'

**Elevation:** 959' (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:** Injection Well

**Oil Shows:** Hepler Sandstone @ 316'-322'  
Wayside Sandstone @ 345'-368'

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

**On Location:** August 19<sup>th</sup>, 2014, 10:37 AM. Drilling depth of 320'; left location @ TD  
420' @ approximately 11:23 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 @ 316'**

316'-322'

Sandstone; light gray to dark brown. Mottled. Very fine-grained. Very well-sorted with angular to subrounded grains. Very micaceous. Very shaley. Better sandstone quality than in other Hepler wells. Friability overall good to very good, with abundant vugular porosity on many sample surfaces. Mottled to even, dark brown oil staining on sample surfaces. Saturation overall good. Sample had a fair petroliferous odor. Fair free oil show to sample surfaces; poor free oil show to pit. 50% mottled to even, variegated yellow hydrocarbon fluorescence. Fairly fast, streaming to blooming, good milky blue cut; no residual oil show to tray after cut

### **Top of the Wayside Sandstone @ 345'**

- 345'-349' Sandstone; light to dark brown. "Sugar sand" section. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Argillaceous in part. Overall very clean; poorly-cemented grainstone. Friability overall very good to excellent, with abundant vugular porosity on many sample surfaces. Slightly mottled to even, light to dark brown oil staining on sample surfaces. Saturation overall fair to good. Oil saturation increased between 346'-348'. No perforations should be above 348'. Sample had a good petroliferous odor. Good free oil show to sample surfaces and to pit. 70% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Slow, streaming to blooming, good milky blue cut; good residual oil show to tray after cut
- 349'-353' Sandstone; dark brown. "Sugar sand" section. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Few shale laminations present. Very clean; poorly-cemented grainstone. Friability overall excellent, with abundant vugular porosity on many sample surfaces. Slightly mottled to even, dark brown oil staining on sample surfaces. Saturation overall very good. Sample had a very strong petroliferous odor. Very strong free oil show to sample surfaces and to pit. 45% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Fast, even, very strong milky blue cut; very strong residual oil show to tray after cut
- 353'-357' Sandstone; dark to very dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Traces of non-porous, interbedded limestone present in sample. Sample is a mixture of porous, calcareous sandstone and "sugar sandstone". Abundance of individual sand grains on sample surfaces indicates a larger percentage of "sugar sand" in this section than was obtained. Friability overall fair to excellent, with abundant vugular porosity on sample surfaces. Mottled to even, dark to very dark brown oil staining on sample surfaces. Saturation overall very good to excellent. Sample had a very strong petroliferous odor. Very strong free oil show to sample surfaces and to pit. 40-45% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Instantaneous, even, excellent milky blue cut; strong residual oil show to tray after cut
- 357'-360' Sandstone; medium-dark to dark brown. Sample collected is porous, calcareous sandstone. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Friability overall fair, with abundant vugular porosity on sample surfaces. Traces of

interbedded shale present. Mottled to even, medium-dark to dark brown oil staining on sample surfaces. Saturation overall very good. Sample had a very strong petroliferous odor. Very strong free oil show to sample surfaces and to pit. 90-95% even, medium-bright yellow hydrocarbon fluorescence. Very fast, even, excellent milky blue cut; excellent residual oil show to tray after cut

360'-364'

Sandstone; dark to very dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Majority of sample is porous, calcareous sandstone. Presence of abundant, individual sand grains coating sample surfaces indicates a higher percentage of "sugar sand" in this footage than was collected. Friability overall fair to excellent, with abundant vugular porosity on sample surfaces. Mostly even, dark to very dark brown oil staining on sample surfaces. Saturation overall excellent. Sample had an excellent petroliferous odor. Excellent free oil show to sample surfaces and to pit. 90-98% mostly even, variegated yellow hydrocarbon fluorescence. Very fast, even, excellent milky blue cut; excellent residual oil show to tray after cut

364'-368'

Sandstone; dark to very dark brown. Mottled in part. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Traces of non-porous, interbedded limestone present. Traces of shale present in sample. Calcareous in part, with "sugar sand" present in sample. Friability overall fair to excellent, with abundant vugular porosity on sample surfaces. Mottled to even, dark to very dark brown oil staining on sample surfaces, with free oil show around some vugular pores. Saturation overall excellent. Sample had an excellent petroliferous odor. Excellent free oil show to sample surfaces and to pit. 366'-368'; best free oil show to pit in well. 70-75% mottled to mostly even, variegated yellow hydrocarbon fluorescence. Fast, even, very strong milky blue cut; very strong residual oil show to tray after cut

**TD 420' @ approximately 11:23 AM, August 19<sup>th</sup>, 2014**

*Mark D. Brechler Sr.*



**CONSOLIDATED**  
Oil Well Services, LLC

270637

TICKET NUMBER 48111  
LOCATION Officer KS  
FOREMAN Chris Kennedy

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
8/21/14	7752	Baker # SCZ-I12	NE 20	18	22	M1
CUSTOMER						
SCZ Resources						
MAILING ADDRESS						
81614 Cedarspur Dr						
CITY		STATE	ZIP CODE			
Houston		TX	77055			
TRUCK #		DRIVER		TRUCK #		DRIVER
729		Casken		✓		Schultz, Clatting
368		Ackard		✓		
548		Trotter		✓		
675		Kei Det		✓		

JOB TYPE Long String HOLE SIZE 5 5/8" HOLE DEPTH 420' CASING SIZE & WEIGHT 2 7/8 EUG  
 CASING DEPTH 404' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 2.34 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Gal followed by 10 bbls city water, mixed & pumped 48 sks over cement w/ 5 # Kalsol per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug for casing ID w/ 2.34 bbls city water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00 ✓
5406	on lease	MILEAGE		_____ ✓
5402	404'	casing footage		_____ ✓
5407	1/2 min	for mileage		184.00 ✓
5502C	1 hr	80 Vac		100.00 ✓
1126	48 sks	Over cement	948.00 ✓	<del>948.00</del>
118B	100 #	Gel	22.00 ✓	
1110A	240 #	Kalsol	110.40 ✓	
1123	1.68	City water	29.06 ✓	
		materials	1109.46	
		- 30%	332.84 ✓	
		subtotal		776.62 ✓
4402	1	2 1/2" rubber plug		29.50 ✓
		<b>Consolidated</b>		2595.09
		SALES TAX		61.67 ✓
		ESTIMATED TOTAL		2236.79 ✓

AUTHORIZATION: *[Signature]* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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.