



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1239579
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: _____



1239579

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 <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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

270641

TICKET NUMBER 48115
LOCATION Ottawa, KS
FOREMAN Cosy Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/21/14	7752	Baker # SCZ - I 22	NE 26	18	22	Lu
CUSTOMER SCZ Resources LLC			TRUCK #			
MAILING ADDRESS Cadarspur Dr			DRIVER			
CITY Houston			TRUCK #			
STATE TX			DRIVER			
ZIP CODE 77055			TRUCK #			
			DRIVER			

JOB TYPE Logging HOLE SIZE 5 5/8" HOLE DEPTH 440' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 418' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 2.42 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Gel followed by 10 bbls city water, mixed & pumped 48 sks OWC cement w/ 5 # Kol seal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing TD w/ 2.42 bbls city water, pressured to 800 PSI, well held pressure for 30 min MIT, released pressure, shut in casing.

Handwritten signature/initials

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1085.00 ✓
5406	on lease	MILEAGE		— ✓
5402	418'	casing footage		— ✓
5407	1/5 min	loc mileage		73.60 ✓
5502c	1 hr	80 Vac		100.00 ✓
1126	48 sks	owc cement	948.00 ✓	
1118B	100 #	Gel	22.00 ✓	
111DA	290 #	Kol seal	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 ✓
			2484.69	
			7.65%	
		SALES TAX		66.67 ✓
		ESTIMATED TOTAL		2126.39 ✓

AUTHORIZATION Marked B... TITLE _____ 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.

Geological Report

Baker #SCZ-I-22
W2-SW-NW, Sec. 26, T18S, R22E
1980' FNL & 330' FWL
Miami County, KS
API #15-121-30483-00-00

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

Drilling Contractor: JTC Oil, Inc.

Well Site Geologist: Mark Brecheisen

Date Drilled: August 20th, 2014

Size of Hole: 6"

Total Depth: 420'

Elevation: 966' (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 @ 320'-325'
Wayside Sandstone @ 349'-376'

Water Encountered: Picked up a significant amount of water in top 2' of Wayside Sandstone formation

On Location: August 20th, 2014, 8:48 AM. Drilling depth of 320'; left location @ TD 420' @ approximately 9:13 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 @ 320'

320'-325' Sandstone; light gray to dark brown. Very fine-grained. Very well-sorted with angular to subrounded grains. Very micaceous. Very argillaceous. Laminated in part. Friability overall fair to good, with traces of vugular porosity on some sample surfaces. Mottled to laminar, dark brown oil staining on sample surfaces. Saturation overall poor to fair. Sample had a strong petroliferous odor. Fair free oil show to sample surfaces; poor free oil show to pit. 30-35% mottled, variegated yellow hydrocarbon fluorescence. Slow, streaming to blooming, fair milky blue cut; no residual oil show to tray after cut

Top of the Wayside Sandstone @ 349'

349'-353' Sandstone; light to dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. "Sugar sand" section. Traces of interbedded shale present in sample. Clean; poorly-cemented grainstone. Friability overall very good to excellent, with abundant vugular porosity on sample surfaces. Even, light 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; very strong, gas-cut oil show to pit. 80-85% even, variegated yellow hydrocarbon fluorescence. Fast, even, very strong milky blue cut; excellent residual oil show to tray after cut

Note: Top 1'-2' of this sample was "washed out" from previous water flooding attempts. After cutting this sample, observed a significant increase in formation water to pit; also indicating this scenario. No perforations should be above 351' in this well.

353'-357' Sandstone; dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. "Sugar sand" section. Traces of interbedded shale and limestone present. Very clean; poorly-cemented grainstone. Friability overall very good to excellent, with abundant vugular porosity on sample surfaces. Even, dark brown oil staining on sample surfaces. Saturation overall very good to excellent. Sample had an excellent petroliferous odor. Excellent free oil show to sample surfaces and to pit. 90% even, medium-bright yellow hydrocarbon fluorescence. Very fast, even, strong milky blue cut; strong residual oil show to tray after cut

357'-361' Sandstone; medium-dark to dark brown. Mottled in part. Sample is a compilation of "sugar sand" and porous, calcareous sandstone. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Friability overall fair to good, with abundant vugular porosity on sample surfaces. Slightly mottled to mostly even,

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

361'-365'

Sandstone; medium-dark to dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Calcareous. Traces of light gray, non-porous, interbedded limestone present. Majority of sample is porous, calcareous sandstone. The presence of numerous, individual sand grains covering sample surfaces indicates presence of "sugar sandstone" within this footage, but none was collected. Friability overall fair, with abundant vugular porosity 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. Strong free oil show to sample surfaces and to pit. 95-98% even, medium-bright yellow hydrocarbon fluorescence. Fairly fast, streaming to even, very strong milky blue cut; strong residual oil show to tray after cut

365'-369'

Sandstone; dark to very dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Traces of non-porous, interbedded limestone and shale present in sample. Majority of sample is clean, poorly-cemented grainstone. Friability overall very good to excellent, with abundant vugular porosity on sample surfaces. Even, dark to very dark oil staining on sample surfaces. Saturation overall very good to excellent. Sample had an excellent petroliferous odor. Excellent free oil show to sample surfaces and to pit. 95% even, medium-bright yellow hydrocarbon fluorescence. Fast, even, excellent milky blue cut; excellent residual oil show to tray after cut

369'-373'

Sandstone; very dark brown. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Traces of light gray limestone and shale present in sample. Clean; poorly-cemented grainstone. Friability overall very good, with abundant vugular porosity on sample surfaces. Traces of calcareous sandstone present. Even, 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. 80% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Fast, even, excellent milky blue cut; excellent residual oil show to tray after cut

373'-376'

Sandstone; very dark brown. Trace shale and limestone present in sample. Very fine to fine-grained. Well-sorted with angular to subrounded grains. Slightly micaceous. Glauconitic. Some sandstone samples slightly calcareous. Friability overall very good, with abundant vugular porosity on sample surfaces. Mottled to even, very dark-brown oil staining on sample surfaces, with free oil observed around some vugular pores. Saturation overall excellent. Sample had an excellent petroliferous odor. Excellent free oil show to sample surfaces; exceptional free oil show to pit. 35-40% slightly mottled to even, variegated yellow hydrocarbon fluorescence. Fast, even, very strong milky blue cut; very strong residual oil show to tray after cut

TD 420' @ approximately 9:13 AM, August 20th, 2014

A handwritten signature in cursive script, reading "Mark D. Brechler Sr.", is centered on the page. The signature is written in dark ink on a light-colored background.