KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1238837

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 #	API No. 15				
Name:	Spot Description:				
Address 1:					
Address 2:	Feet from North / South Line of Section				
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()					
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
	Producing Formation:				
	Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth:				
Gas D&A ENHR SIGW					
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet				
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?				
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth:	-				
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan				
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)				
	Chloride content: ppm Fluid volume: bbls				
Commingled Permit #:	Dewatering method used:				
Dual Completion Permit #:					
SWD Permit #:	Location of fluid disposal if hauled offsite:				
ENHR Permit #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
Canad Data are Data Data backed TD Consulation Data	Quarter Sec TwpS. R East West				
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion Date	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 Approved by: Date:					

	Page Two	1238837
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East West	County:	
	stail all assas Depart all final	anning of drill stamp tasts giving interval tastad, time task

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 (Attach Additional Sho	eets)	Yes No		og Formatio	on (Top), Depth a	nd Datum	Sample
Samples Sent to Geolog	gical Survey	Yes No	Name)		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD New		ion, 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 / SQU	EEZE RECORD			
Purpose:	Depth	Turne of Comparet	# On also Line al		Time and f		

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD Plug Off Zone				

Yes

No No

No No

No

Did you perform a hydraulic fracturing treatment on this well?	Y	es
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Y	es
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Y	es

(If No, skip questions 2 and 3) (If No, skip question 3)

(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					e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	ion, SWD or ENHF	3.	Producing N	/lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS: METHOD OF COMPL								PRODUCTION INTE	RVAL ·	
Vented Sold	<u> </u>	Jsed on Lease		Open Hole	Perf.		Comp.	Commingled (Submit ACO-4)		
(If vented, Sub	ACO	-10.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	SCZ Resources, LLC
Well Name	RUBOW R-A16
Doc ID	1238837

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	10	7	23	20	Portland	6	
Production	6	2.875	8	1006	Portland	140	50/50 Poz

11/26/2014

CEMENT FIELD TICKET AND TREATMENT REPORT

ustomer	SCZ Resources LLC	State, County	14/1	0		
ор Туре		THE R. LEWIS CO., LANSING MICH.	Wilson, Kansas	Cement Type	1	CLASS A
ustomer Acct #	7752	Section		Excess (%)		40
ell No.		TWP		Density		13.6
ailing Address	R-A16	RGE		Water Required		6.4
ity & State		Formation		Yeild		1.43
p Code		Tubing	2 7/8	Sacks of Cement		140
And in case of the local division of the loc		Drill Pipe		Slurry Volume		35.6
ontact		Casing Size	INCH,	Displacement		5.8
mail		Hole Size	5 7/8	the second day is not a subscription of the second s	+	the second s
ell		Casing Depth		Displacement PSI		350
ispatch Location	Eureka		1006	MIX PSI	1	150
ode	Cement Pump Charges and Mileage	Hole Depth	1011	Rate		3
5401	Comport Fump Charges and Mileage	Quantity	Unit	Price per Unit		
5406	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$	1,085
5407	EQUIPMENT MILEAGE (ONE-WAY)	60	PER MILE	\$4.20	S	252
The second se	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	5	368
0			0	\$0.00	\$	
0			0	\$0.00	5	
0			0	\$0.00		
0			0	the second se	5	
0			0	\$0.00	5	
0			the second s	\$0.00	\$	
			0	\$0.00	\$	
	Cement, Chemicale and Water			EQUIPMENT TOTAL	\$	1,705
1118B		+		지 사람이 가지 가지 않는 것		1.100
1110A	PREMIUM GEL/BENTONITE (50#)	250	0	\$0.22	\$	55
	KOL SEAL (50 # SK)	700	0	\$0.46	S	322
1124	50/50 POZMIX CEMENT W/ NO ADDITIVES	140	0	\$11.50	\$	1,610
0			0	\$0.00	\$	
0			0	\$0.00		
0			0	the second se	\$	
0			0	\$0.00	\$	
0		+		\$0.00	\$	
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0			0	\$0.00	\$	
0		frank freisen	0	\$0.00	\$	
0			0	\$0.00	\$	596
1123			0	\$0.00	\$	
1123						
	CITY WATER (PER 1000 GAL)	2500	Per Gal		the state of the s	42
		2500	Per Gal	\$0.02	\$	43.
	Cement Water Transports	2500	Per Gal		\$	43. 1,434.
5501C				\$0.02 Chemical Total	\$	1,434.
5501C 0	Cement Water Transports	2500	TER TRANSPORT (CEME	\$0.02 Chemical Total \$120.00	\$ \$ \$	1,434.
5501C	Cement Water Transports		TER TRANSPORT (CEME	\$0.02 Chemical Total \$120.00 \$0.00	\$ \$ \$	
5501C 0	Cement Water Transports		TER TRANSPORT (CEME	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00	\$ \$ \$ \$	1,434 240
5501C 0 0	Cement Water Transports WATER TRANSPORT (CEMENT)	2	TER TRANSPORT (CEME	\$0.02 Chemical Total \$120.00 \$0.00	\$ \$ \$ \$	1,434. 240.
5501C 0 0	Cement Water Transports WATER TRANSPORT (CEMENT)	2	TER TRANSPORT (CEME 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total	\$ \$ \$ \$ \$	1,434. 240. 240.
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5501C 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centert Sector	2	TER TRANSPORT (CEME 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total	\$ \$ \$ \$ \$	1,434. 240. 240.
5501C 0 0	Cement Water Transports WATER TRANSPORT (CEMENT)	2	TER TRANSPORT (CEME 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00	\$ \$ \$ \$ \$	1,434 240 240
5501C 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centert Sector	2	ITER TRANSPORT (CEME 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00	\$ \$ \$ \$ \$ \$	1,434. 240. 240.
5501C 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer	2	TER TRANSPORT (CEME 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$	1,434 240 240
5501C 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centert Sector	2	TER TRANSPORT (CEME 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 Transports Total \$0.00 Transports Total \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
5501C 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Cement Sector States (Comment Sector States) Centralizer	2	TER TRANSPORT (CEME 0 0 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 Transports Total \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
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5501C 0 0 0 0 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer Float Shoe Float Collars Guide Shoes	2	ATER TRANSPORT (CEME 0 0 0 0 0 0 0 0 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
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5501C 0 0 0 0 0 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer Float Shoe Float Collars Guide Shoes	2	O O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00\$0 \$0.00\$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
5501C 0 0 0 0 0 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer Float Shoe Float Shoe Baffle and Flapper Plates	2	ATER TRANSPORT (CEME 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
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5501C 0 0 0 0 0 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer Float Shoe Float Collars Guide Shoes Packer Shoes Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc.	2	O O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240
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5501C 0 0 0 0 0 0 0 0 0 0 0 0 0	Cement Water Transports WATER TRANSPORT (CEMENT) Cement Floating Equipment (TAXABLE) Centralizer Float Shoe Float Collars Guide Shoe Placker Shoes Packer Shoes DV Tools Ball Valves, Swedges, Clamps, Misc. Plugs and Ball Sesiers 2 7/8 RUBBER PLUG Downhole Tools	2	O O 0 0	\$0.02 Chemical Total \$120.00 \$0.00 \$0.00 Transports Total \$0.00 \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1,434 240 240 76 76 75 75 75 75 75 75 75 75 75 75 75 75 75
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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.

DATE

CONSOLIDATED Of Wed Burden LLC CEMENT FIELD TICKET AND TREATMENT REPORT

Customer		State, County	Wilson , Kansas	Cement Type	CLASS A
lob Type	L/S	Section	0	Excess (%)	40
Customer Acct #		TWP	0	Density	13.6
Vell No.	R-A16	RGE	0	Water Required	6.4
Mailing Address	0	Formation	0	Yeild	1.43
City & State	0	Tubing	2 7/8	Sacks of Cement	140
Zip Code	0	Drill Pipe	0	Slurry Volume	35.6
Contact	0	Casing Size	INCH,	Displacement	5.8
Email	0	Hole Size	5 7/8	Displacement PSI	350
Cell	0	Casing Depth	1006	MIX PSI	150
Dispatch Location	Eureka	Hole Depth	1011	Rate	3
Time:	Description	Rate (bpm)	Volume (bbl)	Pressure	Notes
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	Amount of Cement Left in Casing	0 ft			
		Remarks:			
hooke	d up to 2 7/8 tubing broke circulation then 200# gel then 5	ibbl of water then 140 s	ks of 50/50 cement got cem	ent to surface washed pur	p and lines
	stuffed one 2- 7/8 rubber plug in tubing then	displaced 5.8 bbl of wa	ter landed plug 1000 psi rele	eased back to 0 psi	
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HAT DRILLING 12371 KS HWY 7 MOUND CITY, KS 66056 LICENSE # 33734

Rubow R-A16 API # 15-205-28318-00-00 SPUD DATE 11-24-14

Footage	Formation	Thickness	Set 20' of 7"
1	Topsoil	1	TD 1015'
	lime	19	Ran 1006' of 2 7/8 on 11-25-14
125	shale	105	
157	lime	32	
220	shale	63	
250	lime	30	
317	shale	67	
512	lime	195	
604	shale	92	
615	lime	11	
715	shale	100	
719	lime	4	
725	shale	6	
730	lime	5	
735	shale	5	
737	lime	2	
768	shale	31	
785	lime	17	
825	shale	40	
830	sand	5	good bleed, good odor
928	shale	98	
935	sand	7	slight bleed, decent odor
943	sand	8	good bleed, good odor
955	sand	12	slight bleed, slight odor
1015	shale	60	