Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1184252

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.xxxxx)
Wellsite Geologist:		Datum: NAD27 NAD83 WGS84
Purchaser:		County:
Designate Type of Completion:		Lease Name: Well #:
	M/a sloan a s	Field Name:
New Well Re-Entry	Workover	Producing Formation:
	SIOW	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR	SIGW	Total Vertical Depth: Plug Back Total Depth:
	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)		
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 E	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
		Dewatering method used:
		Location of fluid disposal if hauled offsite:
GSW Permit #:		Operator Name:
		Lease Name: License #:
Could Date or Date Deschool TD	malation Data ar	Quarter Sec TwpS. R East West
•	ompletion Date or ecompletion 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 III Approved by: Date:

	Page Two	1184252
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTOLICTIONS. Chow important tang of formations paratrated	atail all aaraa Bapart all final	conice of drill stome tests giving interval tested, time test

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 She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		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			
Purposo:	Denth						

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

No

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

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

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify Foot		RD - Bridge P Each Interval F		e		Acid, Fracture, Shot, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	re:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.		Producing M	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls	5.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	AS:							PRODUCTION IN	TERVAL:
Vented Solo (If vented, Sul		Jsed on Lease -18.)		Open Hole Other <i>(Specify)</i>	Perf.	Uually (Submit)	,	Commingled (Submit ACO-4)		

Form	ACO1 - Well Completion
Operator	TriPower Resources, LLC
Well Name	Bluestem 8
Doc ID	1184252

Tops

Name	Тор	Datum
Lansing	1824	-382
Base Lansing	1945	-503
кс	2118	-676
ВКС	2257	-808
Marmaton	2342	-900
Cherokee	2486	-1044
Mississippian	2560	-1118
Kinderhook	2665	-1223
LTD	2732	-1290

	ONSOLIDATE	.			TICKET NUM	BER 45	055
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	Chanute, KS 66720	FIELD TICKET	& TREAT		- 4		
and a black is descent on any service of the	or 800-467-8676		CEMEN		* 15-05-2		
DATE	CUSTOMER #	WELL NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
11-14-13		Bluesten #8		20	24	5	Butler
	ipower Resou	111	Gulick	TRUCK #	DRIVER	TRUCK #	DRIVER
AILING ADDR		urces U.C.	Drlg.	445	Chris B.	11100/11	
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ITY	STAT	E ZIP CODE		637	Jim M.		
Arde	0	K 73402		and descent			1
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ASING DEPTI			TUBING			OTHER	
LURRY WEIG			WATER gal/sk	9.0		CASING	1.84
		LACEMENT PSI 750	Burger Plus	1200 PSI	RATE 5 BPI		
EMARKS: 5	afety Meeting	~			circulation	w/ 5 Bb	1 fresh
water. P		asilicate Pre-Flu				water 3	
		et Cement w/s			. 40 #/ SK P	and the second se	
Shut do	wa, wash out	pump & lines.	Release 1	Latel down	plug. Diso	1 .	8 Bbis
sater. Fi	nal pumping p	masure 750 PSI.		olug to 12	00 PSI. Rele		ce. Flog T
4 Piua		circulation @ a			omelete.)	Zia down.	
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	<u>rs on #68,2,4</u>	4,6			• • • • • • • • • • • • • • • • • • • •		and a state of the
Basket o	n b	4, 6					
AF4 Inse ACCOUNT	n b		SCRIPTION of	SERVICES or PR	ODUCT		TOTAL
ACCOUNT CODE	n lo rt in #la8			SERVICES of PR	ODUCT		
BASKet O AF4 Inse ACCOUNT CODE 540/	n b <i>rf in "68</i> QUANITY or UN	IITS DES PUMP CHARGE		SERVICES or PR	ODUCT	1085.00	1085.00
ACCOUNT CODE	n lo rt in #la8			SERVICES of PR	ODUCT		
Basket of AF4 Inse ACCOUNT CODE 5401 5406	n. 6 -f in "68 QUANITY or UN 15	IITS DES PUMP CHARGE MILEAGE			ODUCT	1085.00 4.20	1085.00 63.00
BASKET OF AFY Inse ACCOUNT CODE 540/ 5406 11268	n b rf in "G8 QUANITY or UN 15 175 5KS	IITS DES PUMP CHARGE MILEAGE Thickset	E + Cement		ODUCT	1085.00 4.20 20.16	/085.00 63.00 3528.0
BASKet OF AF4 Inse ACCOUNT CODE 5401 5406 1126A 1110A	n b rf in "G8 QUANITY or UN 15 175 5KS 875 #	IITS DES PUMP CHARGE MILEAGE Thickset 5 ⁴⁶ Kol-st	+ Cement al/3x	t	ODUCT	1085.00 4.20 20.16 .46	1085.00 63.00 3528.0 402.5
BASKET OF AFY Inse ACCOUNT CODE 540/ 5406 11268	n b rf in "G8 QUANITY or UN 15 175 5KS	IITS DES PUMP CHARGE MILEAGE Thickset	+ Cement	t	ODUCT	1085.00 4.20 20.16	1085.00 63.00 3528.0 402.5
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BASKET OF AF4 Inse ACCOUNT CODE 540/ 540/ 5406 1126A 1107 A 1107 A	n 6 rt in "68 QUANITY or UN 15 175 5KS 875 4 70 4 100 4	IITS DES PUMP CHARGE MILEAGE Thick set 5 ⁴⁴ Kol-st , 40 ⁴⁶ Phene Metasilice	t Cement al/3x oseal/3k ate Pre-	+ F7434	ODUCT	1085.00 4.20 20.16 .46 1.35 2.10	1085.00 63.00 3528.0 402.5 94.50 210.00
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BASKET OF AF4 Inse ACCOUNT CODE 540/ 540/ 5406 1126A 1107A 1107A	n 6 rt in "68 QUANITY or UN 15 175 5KS 875 4 70 4 100 4	IITS DES PUMP CHARGE MILEAGE Thick set 5 ⁴⁴ Kol-st , 40 ⁴⁶ Phene Metasilice	+ Cement al/Jsk oseal/Jsk ate Pre- lage Bull	t Flush k Truck	ODUCT	1085.00 4.20 20.16 .46 1.35 2.10	1085.00 63.00 3528.0 402.50 94.50 210.00
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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.

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					TICKET NUM	BER 431	87
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	t Wall Services, Li	LC			FOREMAN	APRIDA	6R.M
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	nute, KS 66720 800-467-8676		CEME	A Present	15-015-2	4004-00	-00
	CUSTOMER #	WELL NAME		SECTION	TOWNSHIP	RANGE	COUNTY
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Algert	12.60 12.60	1945 E	503 -504	0			
ACCOUNT	1 ADSIDU B	Link -	385	0	PROPULAT		TOTAL
CODE	QUANITY or UN	NI IS	DESCRIPTION	l of SERVICES or	PRODUCT	UNIT PRICE	TOTAL
4013	Prostanter	L 124P PUMP	CHARGE			\$70.00	870,0
THD10		12 MILEAC	Gea Sub Sea Pos	ition		4.20	50.44
		#8 #(8 #3 Rel	ative	e Position To Control V	Vells	
		Burestam	Unit #8 Formation Lo	og Tops and Poloti-			
1045	K1D	125543554	159	and the second	North Contraction Contraction	12,10	1962.3
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4106	Stark Hushpool	KINEY DO DO	E C BULGUS	+ Randet		33.10.00	336.0
TIVE	Kenses (Stork	CHA CHA	-507	-5			
	Lansing Base Lar		-316 	flat			
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E		THE REAL PROPERTY AND A DESCRIPTION OF THE REAL PROPERTY		to and desired and a standard to be a stand	01 414	Section	1
n 3737	DATE	PAGE 2	na national de la constantin de la constant	1283. LV 1100. LE	L Sec 20-245-05E Buffe GL 1434	APIES PINAI EDO	1-00-00

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.

Kindernook 2665 -1223 RTD 2732 2732 -1290 A. C NE SW NE 20-24S-5E Reach Petroleum, Blackstone #3 B. C.	naton okee issippian Lm	Base Lansing1942KC2115Stark2210Hushpuckney2235BKC2253		COMPANY TriPower Resource LEASE Bluestem #8 FIELD Joseph Southe LOCATION 1599' FNL & 17 SEC 20 TWSP 24S RGE COUNTY Butler STATE COUNTRACTOR Gullick Drilli SPUD 11-11-13 COMP 11 SAMPLES SAVED FROM TO TO TO	GEOLO DRILLING
2665 -1223 2732 -1290 REFEREVCE h Petroleum, Blackstone #3		1945 -503 2118 -676 2206 -764 2232 -790 2257 -808		TriPower Resources, LLC Bluestem #8 Joseph Southeast 1599' FNL & 1709' FEL TWSP 24S RGE 5E TWSP 24S RGE 5E TWSP 24S RGE 5E DR Gullick Drilling, Inc. -11-13 COMP 11-14-13 AVED FROM 1700' TO 1732'	SEOLOGICAL REPORT DRILLING TIME & SAMPLE LOG API#: 15-015-24,004 REPORT PREPARED BY FRANK S. MIZE/GEOLOGIST
-1225 -1245	-902 -1045 -1117 -1198	-504 -671 -765 -791 -810	-316	V K.B. D.F. D.F. Surface 8.5 Production 5	OWET ORT LOG GEOLOGIST
			1500	ELEVATION 1442 1434 IASURED FROM KB 	Irces
			1550		
					SHALE SANDSTONE LIMESTONE DOLOMITE HALITE ANHYDRITE/GYPSUM
			1600		
			1650		
			1700	Shale: light gray	
				Shale: light gray Limestone: off white to light brown, fine to medium crystalline, poor to no intercrystalline porosity, no show Sandstone: gray, fine subrounded grains, well sorted, well cemented with calcite, fair intergranular porosity,	
			1750	no show Shale: light gray Shale: light gray Limestone: gray, fine crysalline, dense, little visible	Brown Lime 1758 -316
				porosity, no show Shale: light gray Shale: light gray	
			1800	Shale: light gray Shale: gray, slightly arrenaceous Shale: light gray	
				Shale: light gray Limestone: light brown, coarsely crystalline, dense, little visible porosity, no show Limestone: off white to beige, medium crystalline, poor to fair intercrystalline porosity, spotted residual stain, trace bright fluorescence, no live show, no odor	Lansing 1826 -384
			1850	bright fluorescence, no live show, no odor Shale: red to green to gray Limestone: off white to light gray, medium crystalline, slightly chalky, little visible porosity, no show Limestone: beige to gray, medium crystalline, fair to good intercrystalline porosity, no show, slightly fossiliferous	
			1900	Limestone: off white to beige, medium crystalline, little visible porosity, no show, fossiliferous with fusulinids Limestone: off white to gray, medium crystalline, poor intercrystalline porosity, no show Shale: dark gray	
				Limestone: off white to gray, medium crystalline, poor intercrystalline porosity, no show Limestone: beige to gray, medium crystalline, poor intercrystalline porosity, no show Limestone: beige to gray, medium crystalline, poor	
			1950	intercrystalline porosity, no show Shale: gray to greenish gray Shale: gray, slightly calcareous Shale: gray, arrenaceous, no show	Base Lansing 1942 -500
				Shale: light gray Shale: gray, arrenaceous, no show	
			2000	Shale: gray, arrenaceous, no show Shale: light gray Shale: light gray	
				Shale: light gray	
			2050	Shale: light gray Shale: light gray	
			2100	Shale: light gray	
				Shale: light gray Limestone: off white to beige, medium crystalline, poor to fair intercrystalline porosity, no show Limestone: gray to dark gray, medium to coarsely crystalline, very poor intercrystalline porosity, no show, fair amount pyrite Shale: gray to light green	KC 2115 -673
	NG TIME ES/FOOT 10 15		2150	Limestone: beige, medium crystalline, poor to trace fair intercrystalline porosity, no show Limestone: beige_medium crystalline_poor to trace fair intercrystalline porosity, no show Limestone: beige_medium crystalline_poor to trace fair intercrystalline porosity, no show Shale: gray to light green	
				Limestone: beige to light brown, densely oolitic, poor to fair interoolitic porosity, some oolicastic, no show Limestone: beige to light brown, densely oolitic, poor to fair interoolitic porosity, some oolicastic, no show Shale: gray to light green Limestone: gray to beige, medium crystalline, most dense, little visible porosity, no show	
			2200	Limestone: off white, medium crystalline fair to good intercrystalline porosity, no show Shale: black, carbonaceous Limestone: off white to gray, medium crystalline, fair intercrystalline porosity, some slightly chalky, no show	Stark 2210 -768
			2250	Limestone: off white, medium crystalline, little visible porosity, no show Shale: black, carbonaceous Limestone: off white to beige, fine to medium crystalline, fair to good intercrystalline porosity, no show	Hushpuckney 2235 -793 BKC 2252 -810
			2200	Shale: gray to light gray Shale: gray to light gray Limestone: beige to light brown, oolitic, some oolicastic, poor to fair interoolitic porosity, no show	
			2300	Shale: light to trace dark gray, slightly arrenaceous Shale: gray, w/much Sandstone: gray, fine subrounded grains, well sorted, highly argillaceous, no show Shale: gray, w/much Sandstone: gray, fine subrounded grains, well sorted, highly argillaceous, no show	
				Shale: gray, w/much Sandstone: gray, fine subrounded grains, well sorted, highly argillaceous, no show Shale: gray, w/much Sandstone: gray, fine subrounded grains, well sorted, highly argillaceous, no show Shale: gray to dark gray	
			2350	Shale: black, carbonaceous Limestone: brownish gray to gray, dense, no show Shale: gray to dark gray Limestone: brownish gray to gray, dense, no show Shale: light gray	Altamont 2345 -903
				Sandstone: light gray, fine grained, well sorted, well cemented w/calcite, fair intergranular porosity, no show Shale: light gray Shale: light gray Limestone: off white to light brown, coarsely crystalline, dense. little visible porosity, no show	
			2400	dense, little visible porosity, no show Shale: black, carbonaceous Shale: light gray to gray Shale: light gray to gray	
			2450	Shale: light gray to gray Limestone: gray to brownish gray, dense, no show Shale: gray to greenish gray Limestone: gray to brownish gray, dense, no show Shale: gray to greenish gray Limestone: gray to brownish gray, coarsely crystalline, little visible porosity, no show Shale: black, carbonaceous	
				Shale: gray to dark gray, pyritic Limestone: off white to gray, coarsely crystalline, dense, little visible porosity, no show Shale: black, carbonaceous	
1 1 3 4 5 DRILLIN MINUTE	10 15 G TIME S/FOOT		2500	Limestone: off white to light brown, coarsely crystalline, no visible porosity, no show <u>Shale: black, carbonaceous</u> Shale: light to greenish gray Shale: light green to gray to black Limestone: light brown to beige, medium to	<u>Cherokee 2488 -1046</u> TFB @ 2498'
				Limestone: light brown to beige, medium to coarsely crystalline, dense, little visible porosity, no show Shale: gray, pyritic Sandstone: gray, fine subangular grains, well sorted, well cemented w/calcite, poor intergranular porosity, highly argillaceous, no show Shale: dark gray to reddish brown Limestone: off white to light brown to beige, medium to coarsely crystalline, dense, little visible porosity, no show	Contraction of the second
			2550	Shale: blue green Chert: white to off white, 60% tripolitic, 35% fresh, good tripolitic porosity, light even stain, slight show free oil, very strong odor, bright fluorescence in 65+% of 2580' spl	2580' x30 Mississippian 2561 -1119
				Chert: white to off white, 90% tripolitic, 10% fresh, good tripolitic porosity, light even stain, slight show free oil, very strong odor, bright fluorescence in 90+% of 2590' spl Chert: white to off white, 50% tripolitic, 50% fresh, good tripolitic porosity, light even stain, slight show free oil, very strong odor, bright fluorescence in 50% of 2600' spl Chert: white to off white to dull gray, 45% tripolitic, 55% fresh, poor to fair tripolitic porosity, spotted stain, slight show free oil, good odor, bright fluorescence in	2590' ×14
			2600	45% of 2610' spl Chert: white to off white to blueish gray, fresh, trace tripolitic, no visible porosity, scattered spotted stain, yellow fluorescence in 25% of 2620' sample, fair odor Chert: white to opaque white, fresh, sharp, no visible porosity, no visible show, pale fluorescence in 10% of 2630' sample, much slough from connection (dark gray shale), extremely faint odor Chert: white to opaque white, fresh, sharp, no visible porosity, no visible show, pale fluorescence in 5% of	2600' ×21
			2650	2640' sample, no odor Chert: white to opaque white, fresh, sharp, no visible porosity, no visible show, no fluorescence in the 2650' sample Limestone: gray to beige, coarsely crystalline, dense, no porosity, no show	2600' x21 Miss Lime 2642 -1200
				Limestone: gray to beige, medium to coarsely crystalline, dense, no porosity, no show Shale: gray to greenish gray, pyritic Shale: gray to greenish gray, pyritic	Kinderhook 2666 -1224 vis 39 wt 9.1 lcm 2#
			2700	Shale: dark gray to greenish gray to red Shale: gray to dark gray Shale: dark gray to greenish gray	
× ×			RTD 2732	Shale: gray to dark gray Shale: light to dark gray	vis 45 wt 9.2 lcm 2#