KANSAS CORPORATION COMMISSION ORIGINAL OIL & GAS CONSERVATION DIVISION

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR; License #33971	API No. 15
Name: TriPower Resources, LLC	Spot Description:
Address 1. PO Box 849	C_SW_NE_SW_Sec32_Twp18_S. R18East
Address 2:	
City: Ardmore State: Ok Zip: 73402 +	1,650 Feet from North / South Line of Section
	1,650
Contact Person, W. B. Curry	Foolages Calculated from Nearest Outside Section Corner
Phone: (580) 226-6700	□ne □nw □se ☑sw
CONTRACTOR: License #_ 33575 RECEIVED	County: Rush
Name: WW Drilling, LLC Wellsite Geologist: Derek Patterson DEC 13 2010	Lease Name: Rages Well #: 1
	Field Name: Wildcat
Purchaser: None Designate Type of Completion: KCC WICHITA	Producing Formation: None
Designate Type of Completion:	Elevation: Ground: 2054 Kelly Bushing: 2059
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: 4280 Plug Back Total Depth:
☐ Oit ☐ WSW ☐ SWD ☐ SIOW	Amount of Surface Pipe Set and Cemented at: 1179 Feel
☐ Gas 🗹 D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set:Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Calhodic Other (Care, Expl., etc.):	feet depth to:
If Workover/Re-entry: Old Well Info as follows:	ieer depart tosx cmr.
Operator:	
Well Name;	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	,
☐ Deepening ☐ Re-perf, ☐ Conv. to ENHR ☐ Conv. to SWD	Chloride content: 46,000 ppm Fluid volume: 1000 bbls
Corry, to GSW	Dewatering method used: Air Dry & Back Fill
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	One-star Name
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
<u>11/23/2010</u>	
Spud Date or Date Reached TD Completion Date or Recompletion Date	
of side two of this form will be held confidential for a period of 12 months if req	onversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information puested in writing and submitted with the form (see rule 82-3-107 for confidential report shall be attached with this form. ALL CEMENTING TICKETS MUST
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules and	regu
letions promulgated to regulate the oil and gas industry have been fully complied	
and the statements herein are complete and correct to the best of my knowledg	ge. Date:
un B liver	Wireline Log Received
Signature	Geologist Report Received
W.B. Curry	UIC Distribution

Operator Name: TriPo	ower Resources	LLC	_	Lease I	Name; _	Rages		Well #:1				
Sec. 32 Twp. 18	s. R. <u>18</u>	☐ East	✓ West	County	<u>R</u> ush	l						
INSTRUCTIONS: Shootime tool open and clos recovery, and flow rates line Logs surveyed. Att	ed, flowing and shu of gas to surface to	it-in pressu est, along v	res, whether si vith final chart(s	hut-in press	sure read	ched static level.	hydrostatic p	ressures, bottom	hole temp	erature fluid		
Drill Stem Tests Taken (Attach Additional St		Name			n and Dalum Top 2413	Da -1	Sample Datum -1354					
Samples Sent to Geolo	gical Survey	√ Ye	s No		Heeb Toro			3444	385gl ()			
Cores Taken		_ □ _Y e	es 🗹 No		Doug	* *		3448		389		
Electric Log Run		✓ Ye	es 🔲 No		Lans	_		3462		403		
Electric Log Submitted	Electronically		es 🗌 No			ie Creek		3605 3684		546 625		
(If no, Submit Copy)						k Shale Kansas C	'i tu	3004 3737		678		
List All E. Logs Run:						aton	LLY	3755		696		
Dual Induction Dual Compensa		-				e Penn Cor	ıg.	3824	-1	765		
Dual Compensa	ted rolosi		_		1	ıckle		3662		803		
Х	New Use	d Repo		RECORD conductor, su		gan Sand nite Wash medate Product	ion, etc.	4196 4250		127 2191		
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement			and Percent Additives		
Surface	12 1/4	8 5/8		23		1179	Common	450	3% cc	, 2% gel		
	1	1	ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD	-1					
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives						
Plug Back TD Plug Off Zone				-								
	1	L										
Shots Per Fool			CO - Bridge Plug Each Interval Per					ment Squeeze Rec	ord	Depth		
								REC	EIVED			
								DEC	13 20	טוט		
	_							DEC	MICH	ATI		
					_			KUU	A 4 1	<u></u>		
TUBING RECORD:	Size:	Set At:		Packer A	it:	Liner Run:	Yes [] No				
Date of First, Resumed f	Production, SWD or El	NHR.	Producing Met	hod:	פר 🗌	Gas Lift 🔲	Other (Explain) .					
Estimated Production Per 24 Hours	OII	Bbls.	Gas	Mct	Wa	ter E	Bbls.	Gaş-Oil Ratio		Gravity		
DISPOSITIO	N OF GAS:			METHOD O	F COMP	ETION:	 -	BEODUO	TION INTE	20/61		
Vented Sold	Used on Lease			Perf.	_	y Comp. 🔲 Co	mmingled		TION INTER			
(If vented, Sub	mit ACO-18.)		Other (Specify) _				<u></u>					

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	Home Office F	P.O. B	ox 32 Ru	ıssell, KS 676t		No.	4477
Date 11 - 24 - 10 Sec. 32	Twp. Range	Rus	County	State		ocation	SHS PM
Lease Banks V	Vell No. #	Location	on Rush	Center B	5-14	5 tc	Rd K
Contractor W-W	Rigtlo	!	Owner	2W,	>-71110		· · · · · · · · · · · · · · · · · · ·
Type Job Surface	J		You are her	Oilwell Cementing, reby requested to	rent cementing	equipment	and furnish
Hole Size) 2 4 n	T.D. //80'			nd helper to assist	owner or contr	actor to do	work as listed.
Csg. 8 5/8 1	Depth //80'		Charge 1	1-pases	Resou	NICES.	**************************************
Tbg. Size	Depth		Street				
Tool 4 1 2 4 44	Depth	· .	City	:	State		
Cement Left in Csg. 20	Shoe Joint 20"			vas done to satisfacti		on of owner	agent or contractor.
Meas Line	Displace 73 1/4			nount Ordered 니 역	50 SX(0	MMO	7-570CC
EQUIPN	JENT	:	3%(se)	<u> </u>			
Pumptrk / No. Cementer Helper / C	rale		Common ∠	450			
Bulktirk 12 No. Driver Bri	an fr		Poz. Mix	:			
Bulktrk P. U. No. Driver BIL	$k \rightarrow -$		Gel.				
JOB SERVICES	& REMARKS		Calcium/	6			State of State
Remarks: (emon) did	Circulate.		Hulls			-1-1	
Rat Hole			Salt 1				<u> </u>
Mouse Hole		i i i i i i i i i i i i i i i i i i i	Flowseal			13	
Centralizers 3, 10	1		Kol-Seal			<u> </u>	
Baskets 1, 28	··		Mud CLR 4	18			
D/V or Port Collar			CFL-117 or	r CD110 CAF 38		•.	
		. : 	Sand		».		
			Handling <	464			
A SECTION AND A SECTION AS			Mileage	· ·			
				FLOAT EQU	IPMENT		<u> </u>
			Guide Sho	θ			
			Centralizer	<u> </u>	- (C))—	
The second second	Service Contract		Baskets	2	182	 	
	// Section 1997	· ///	AFU Insert				
. 			Float Shoe				
9/2.4			Latch Dow	n .		R	ECEIVED
			1- 63	affle pl	ate	DE	C 3 0 2010
			1- K	ubber Pi	was	. 00	,, , , , , , , , , , , , , , , , , , ,
			Pumptrk C	harge Loug	Stotage	KC(: WICHITA_
		133 ·	Mileage	32 '			
			with the transfer		and the second	Tax	
	<u> </u>	v	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	er en		Discount	
Signature Growy ILA	ieskes]		Total	al Charge	

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	Home Office P.O. E	ox 32 Russell, KS	S 67665	No.	4483
Date / 1 - 30 - 10 Sec. 32	Twp. Range Ru	1	tate	On Location	9,45 pm
Lease Rages	Vell No.	tion Rush Center	Ks - 5	to R Kd	15 W
Contractor W-W #1	D	Owner 5/5			Vision of the state of the stat
Type Job Plucy		To Quality Oilwell Cen You are hereby reques	sted to rent ceme	nting equipment	and furnish
Hole Size	T.D. 4280'	cementer and helper t	to assist owner or	contractor to do	work as listed.
Csg.	Depth 1	Charge To Poo	wer Keso	wices	
Tbg. Size 45"	Depth 38621	Street			
Tool	Depth	City	Sta	te	
Cement Left in Csg.	Shoe Joint	The above was done to	satisfaction and sur	pervision of owner	agent or contractor.
Meas Line	Displace 120/mw	Cement Amount Orde	ered 190 5% 60	140 4% Gel	14* F.S.
EQUIP	WENT			- 	
Pumptrk No. Cementer Helper	eale	Common //4	* *		
Bulktrk 8 No. Driver DOW	cax -	Poz. Mix 76		* 200	<u> </u>
Bulktik P. No. Driver Ric	C	Gel. 7			
JOB SERVICES	& REMARKS	Calcium			<u> </u>
Remarks:		Hulls			
Rat Hole		Salt			
Mouse Hole		Flowseal 474			The second second
Centralizers		Kol-Seal			<u> </u>
Baskets		Mud CLR 48		/	1, 3 1 131, 4 2
D/V or Port Collar		CFL-117 or CD110 C	AF 38		
39621 - 505	X	Sand			:
1200' - 500	5 X	Handling 197			
450' -	or 40sx	Mileage			7 a 3
	5X	FLO	AT EQUIPMENT		*
Rothale - 30	SX	Guide Shoe			
		Centralizer			
Cement did	Circulate.	Baskets	1977 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985		
		AFU Inserts			
		Float Shoe		RE	CEIVED
		Latch Down		DEC	2 0 2010
		1. Dayh	ste pluc	Y	1 3 0 ZUW
				1 KCC	WICHITA -
		Pümptrk Charge	p/ug	7ú,	
	Control of the Assessment of the Assessment	Mileage 32			,
				Tax	
		set state of the second of		Discount	
X Signature	111/1/		•	Total Charge	

DEFINITIONS: In these terms and conditions, "Quality" shall mean Quality Oilwell Cementing, Inc., and "Customent shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services (tescribed on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products; or supplies used; sold, or furnished under the requirements of this contract.

- TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "QUALITM" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwith-standing the foregoing in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "QUALITY," refunded directly to "CUSTOMER." For purposes of this paragraph, QUALITY and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the term of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limit to, a reasonable sum as and attorney's fees.
- PRICES AND TAXES: All merchandise listed in "QUALITY'S" current price shall schedule are F.O.B. QUALITY'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by QUALITY shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: QUALITY will make a reasonable attempt to get to and from each job site using its own equipment. Should QUALITY be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by QUALITY, will be charged to and paid by CUSTOMER.
- PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay QUALITY for the expenses incurred by QUALITY as a result of the cancellation.
- DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charges as set forth in QUALITY'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- SERVICE CONDITIONS AND LIABILITIES: 1. QUALITY carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond QUALITY'S control, QUALITY shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless QUALITY, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with QUALITY'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of QUALITY or its employees.
- 2. With respect to any of QUALITY'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to QUALITY at the landing, CUSTOMER shall either recover the lost item without cost to QUALITY or reimburse QUALITY the current replacement cost of the item unless the loss or damage results from the sole negligence of QUALITY or its employees.
- 3. QUALITY does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. QUALITY warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. QUALITY'S obligation under this warranty is expressly limited to repair replacement, or allowance for credit, at its option, for any merchandise which is determined by QUALITY to be defective. THIS IS THE SOLE WARRANTY OF QUALITY AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and QUALITY shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
- 2. More specifically:
 - (A) Nothing in this contract shall be constructed as a warranty by QUALITY of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by QUALITY or any interpretation of test, meter readings, chart information, analysis or research, or recommendations made by QUALITY, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of QUALITY or its employees in the preparation or furnishing of such facts, information or data. (C) Work done by QUALITY shall be under the direct supervision and control of the CUSTOMER or his agent and QUALITY will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

TriPower Resources, LLC

DAILY DRILLING REPORT

Company:

TriPower Resources, LLC

16 E Street SW

Ardmore, OK 73401

Contact: Jim Thornton

Cell: 580,222,5959

Office: 580.226.6700 Ext. 325

Geologist: Derek W. Patterson

Cell: 316.655.3550

Office: 316.558.5202

Well: Rages #1

Location: 1650' FSL & 1650' FWL

Sec. 32 - 18S - 18W

Rush Co., KS

Elevation: 2054' GL - 2059' KB

Field: Wildcat

API No.: 15-165-21902-0000

Surface Casing: 8 5/8" set @ 1180' KB

Drilling Contractor: WW Drilling, LLC, Rig #10 - 785.259.4570

Toolpusher: Marty Mills - 785.731.6251

Previous 24 Hours of Operation: ANDEPTH 3817' Drilling and connections Topeka, Heebner, Toronto. Geologist Derek W. Patterson on location 11.29.2010 1450 hrs 11.28.10. Reset Tooke Daq and rezero gas detector. Drilling and connections Toronto, Douglas, and into Lansing. CFS @ 3583' (LKC 'G'), resume drilling Lansing. Drilling and connections Lansing, Base Kansas City, Marmaton, and into Basal Penn Conglomerate. DMC: \$1,037.90 CMC: \$8,662.65 11.30.2010 RTD - 4280' Drilling and connections Basal Penn Conglomerate. CFS @ 3850' (BPCG), resume drilling BPCG. LTD - 4280' Drilling and connections Basal Penn Conglomerate and into Arbuckle. CFS @ 3869' (Arb), resume drilling Arbuckle. CFS @ 4006' (Arb), resume drilling Arbuckle. Drilling and connections Arbuckle CFS @ 4146' (Arb), 4209' (Arb), resume drilling Arbuckle. Drilling and connections Arbuckle and into Reagan Sand. CFS @ 4250' (Reagan Sand), resume drilling Reagan Sand. Drilling and connections Reagan Sand and into Granite Wash, drilling ahead to RTD of 4280' (Granite Wash), RTD reached 0540 hrs 11.30.10, CTCH. DMC: \$ CMC: \$ 11.31.2010 RTD - 4280' Short Trip, CTCH, drop survey, TOH for logging. Open hole logging commenced 1120 hrs 11.30.10, LTD - 4280' logging operations complete 1500 hrs 11.30.10. Plugging orders received. Deviation Survey: 1 1/2 deg Geologist Derek W. Patterson off location 1545 hrs 11.30.10.

RECEIVED
DEC 1 3 2010
KCC WICHITA

TriPower Resources, LLC

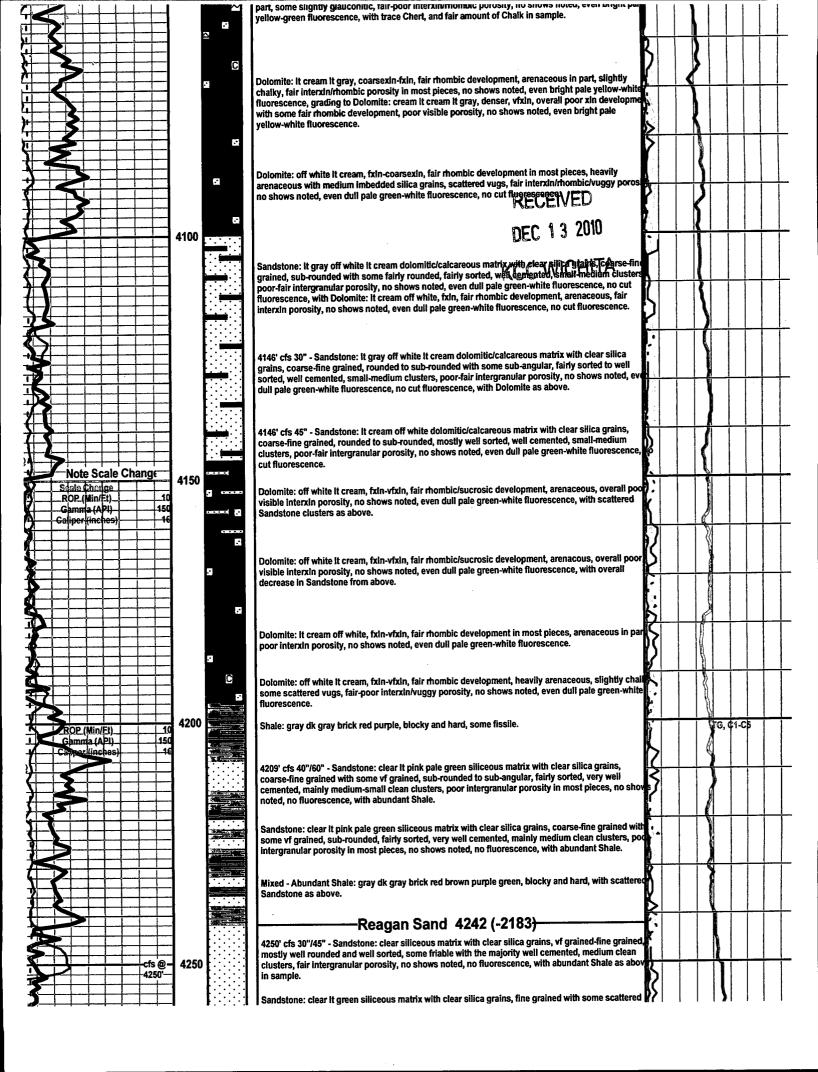
WELL COMPARISON SHEET

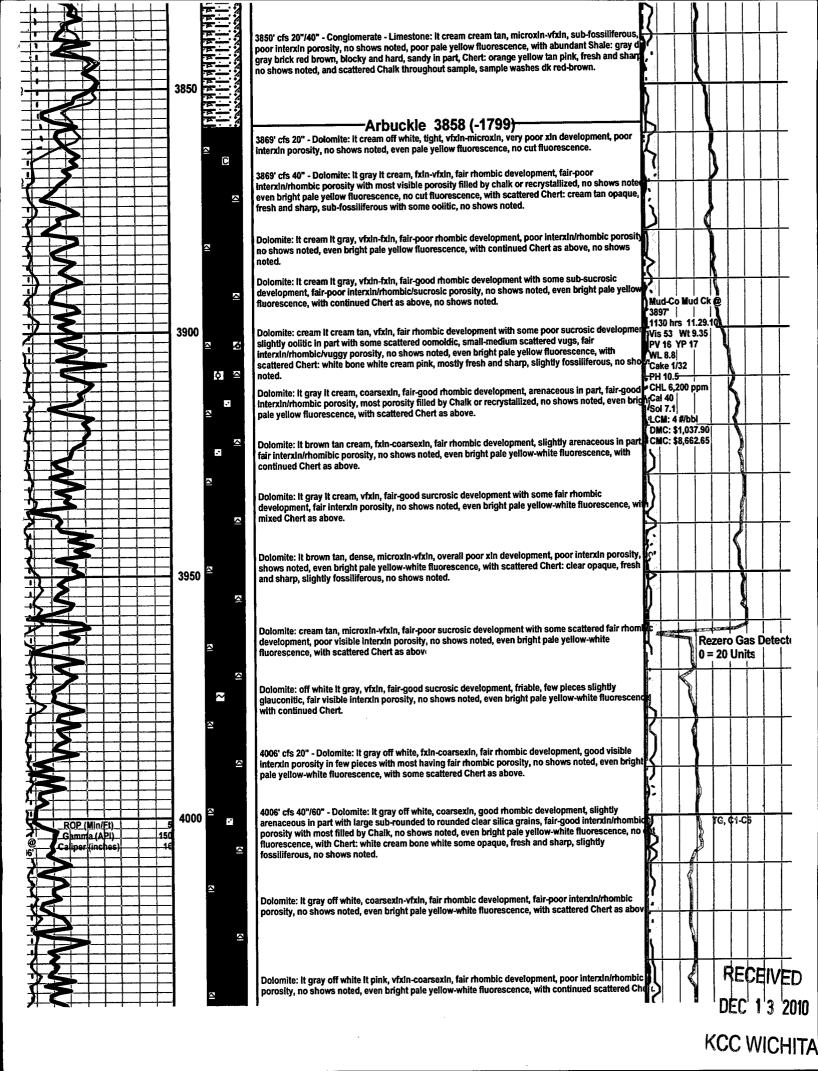
	DRILLING WELL											-				
	TriPower Resources - Rages #1			Lynn - Lyman#1			Champlin - Weltmer #1				Leben - Button #1					
		Soc. 32 - 18S - 18W			Sec. 32 - 18S - 18W			Soc. 33 - 18S - 18W				Sec. 5 - 19S - 18W				
	1650' FSL & 1650' FWL			NW SW NE				SE NE SW				NW NW SW				
					l c)ry	Struc	tura!	6	ry [Stru	ctural	(0	ry	\$truc	tural
	2059	KB			2058	K9	Relatio	onship	2069	KB	Refat	onship	2098	KB	Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Heebner	3405	-1346	3413	-1354	3408	-1350	4	4	3417	-1348	2	-6	3468	-1370	24	16
Toronto	3440	-1381	3444	-1385	3430	-1372	9	-13	3434	-1365	-16	-20	3491	-1393	12	8
Douglas	3448	-1389	3448	-1389					3450	-1381	-9	-8	3502	-1404	15	15
Lansing	3461	-1402	3462	-1403	3458	-1400	-2	7	3465	-1396	-6	-7	3516	-1418	16	15
Muncie Creek	3607	-1548	3605	-1546					3610	-1541	-7	-5	3659	-1561	13	15
Stark Shale	3688	-1629	3684	-1625					3688	-1619	-10	-6	3740	-1642	13	17
Base Kansas City	3739	-1680	3737	-1678	3744	-1686	6	8	3743	-1674	-6	4	3794	-1696	16	18
Marmaton	3751	-1692	3755	-1696	3760	-1702	10	6	3753	1684	-9	-12	3803	-1705	13	9
Basal Penn Conglomerate	3828	-1769	3824	-1765	3839	-1781	12	16	3822	-1753	-16	-12	3880	-1782	13	17
Arbuckle	3854	-1795	3862	-1803	3864	-1806	11	3	3861	-1792	-3	-11	3916	-1818	23	15
Roagan Sand	4242	-2183	4196	-2137	Not Penetrated			Not Penetrated				Not Penetrated				
Granite Wash	4269	-2210	4250	-2191									W46 F 61	icueica		
Total Depth	4280	-2221	4280	-2221	3910	-1852	-369	-369	3898	-1829	-392	-392	3945	-1847	-374	-374

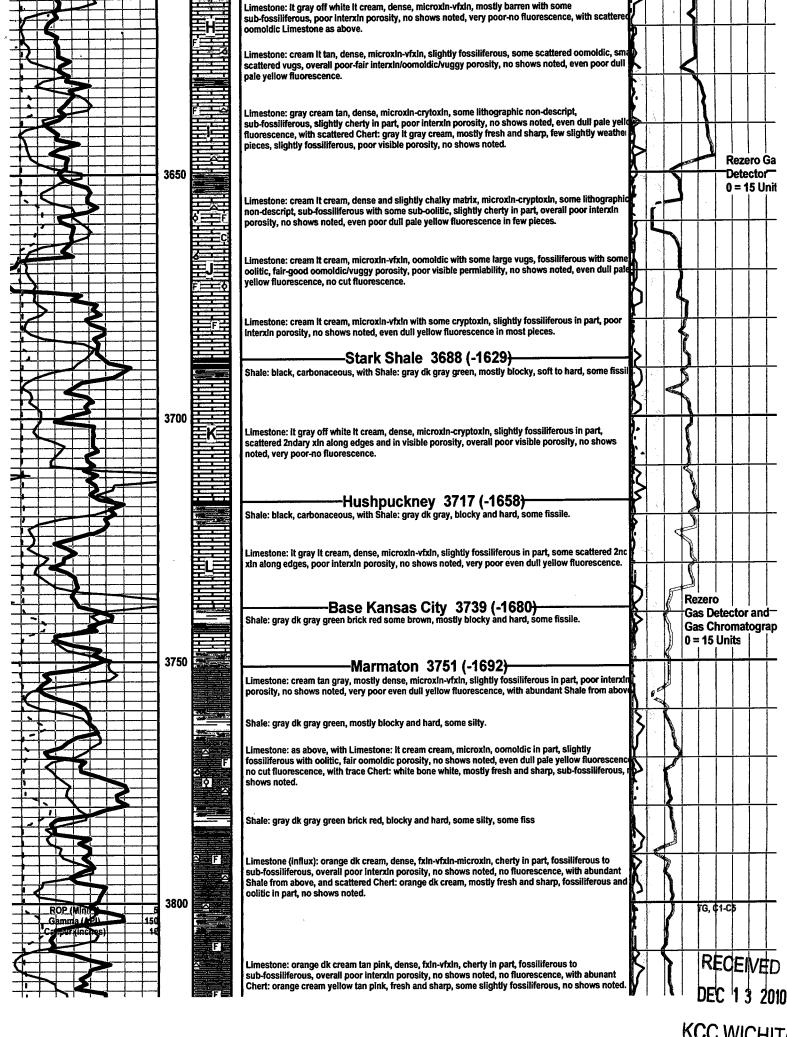
DEC 13 2010 KCC WICHITA

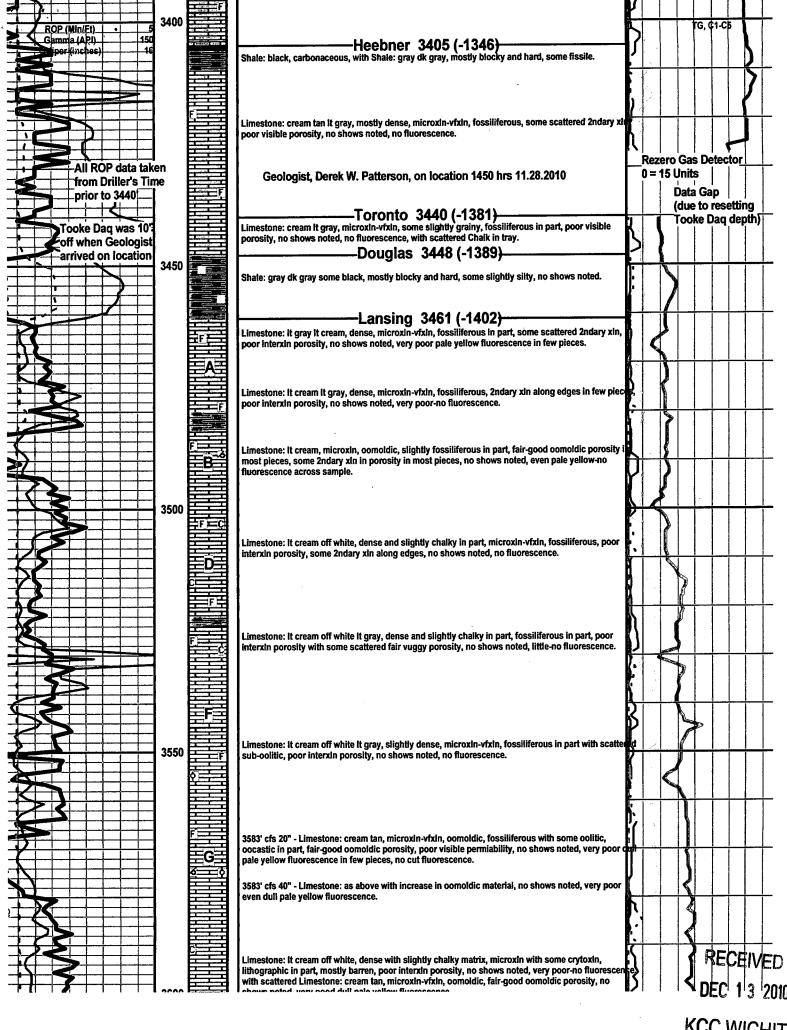
	Sandstone as above, and trace Granite: pink it red, coarsexin-vfxin, some slightly weathered, arenaceous in part, fair interxin porosity, no shows noted, no fluorescence.
	RTD 4280 (-2221)
t Trip, 0715 hrs 10.23.10	LTD 4280 (-2221)
tion Survey @ 4280': * for Logging, 0820 hrs 11.30.1	
4300	Rotary TD @ 4280', 0540 hrs 11.30.10 Log Tech Open Hole Logging TD @ 4280' Commence Open Hole Logging Operations, 1120 hrs 11.30.10 Complete Open Hole Logging Operations, 1500 hrs 11.30.10 Plugging Orders Received, 1500 hrs 11.30.10
	Geologist, Derek W. Patterson, off location 1545 hrs 11.30.10
	Respectfully Submitted, Derek W. Patterson

RECEIVED
DEC 1 3 2010
KCC WICHITA









DP (Min/Ft)	Depth	Lithology	Oll Shows	Geological Descriptions		TG (Units) C1 (units) C2 (units) C3 (units) C4 (units) C5 (units)	• • • • • • • • • • • • • • • • • • • •
RDP (Min/Ft) 5	<u> </u>			TriPower Resources, LLC Rages #1 1650' FSL & 1650' FWL Sec. 32 - 18S - 18W Rush Co., KS		Surface Casing: 8 5/8" set @ 1180 Deviation Surveys 1180' : 1 1/2° 4280' :	'KB
				Drilling Contractor: WW Drilling, LLC Rig #10 785.259.4570 Toolpusher: Marty Mills			
	3250			Cell # 785.731.6251 Drillers: Daylight: Adam Thompson Evening: Ricky Hilgers Morning: Justin Morris	2		
				Logging Company: Log Tech Logging Engineer:			
				Geologist: Derek W. Patterson			
				Bluestem Gas Detector Trailer on location and operational @ 2194 ft. The ROP, TG, C1 (Methane), C2 (Ethane), C3 (Propane) & C4 (N-Butane = C4 Butane + C5 Iso Butane) DATA was downloaded from the Tooke Daq System. Said DATA was imported and displayed on this Geo Log.		Mud-Co Mud Ck @ 3295'	
	3300			Elevation: 2054' GL 2059' KB		Vis 51 Wt 9.0 PV 16 YP 15 WL 8.0 Cake 1/32 PH 11.5 CHL 5,800 ppm	
						Cal 40 Sol 4.7 LCM: 1 #/bbl DMC: \$2,092.65 CMC: \$7,624.75	
				Displace Mud System @ 2892'			
	3350			Start Wet & Dry Samples at 3000	K		
				Limestone: gray tan, vfxln, fossiliferous in part, poor visible porosity, no shows noted, no fluorescence, with scattered Chalk in sample RECEIVED			
				DEC 1 3 2010 KCC WICHITA			