

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1151944

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 #		API No. 15
Name:		Spot Description:
Address 1:		
Address 2:		Feet from North / South Line of Section
City: Sta	ate: Zip:+	Feet from East / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
-		
		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
New Well Re-I	Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	Amount of Surface Pipe Set and Cemented at: Fee
Gas D&A	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG	GSW Temp. Abd.	If yes, show depth set: Fee
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core,	Expl., etc.):	feet depth to:w/sx cmi
If Workover/Re-entry: Old Well Info	o as follows:	
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: ppm Fluid volume: bbls
		Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	
Dual Completion	Permit #:	Operator Name:
	Permit #:	Lease Name: License #:
	Permit #:	Quarter Sec TwpS. R East Wes
GSW	Permit #:	County: Permit #:
Spud Date or Date Read Recompletion Date	ched TD Completion Date or Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1151944
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No]Log Formatio	on (Top), Depth an	d Datum Top	Sample
Samples Sent to Geolog	gical Survey	Yes No		ame		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASI	NG RECORD	New Used			
		Report all strings s	set-conductor, surface,	intermediate, produc	tion, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				,		ement Squeeze Record I of Material Used)	Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	oduct	on, SWD or ENH	<i>₹</i> .	Producing N		oing	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
									1	
DISPOSITION	OF	BAS:			METHOD (OF COMPLE	TION:		PRODUCTION INTE	RVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subm	it ACC	-18.)		Other (Specify)					

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	TITTEL E 9
Doc ID	1151944

Tops

Name	Тор	Datum
anhydrite	889	1009
base	919	979
topeka	2792	-894
heebner	3020	-1122
toronto	3039	-1141
douglas	358	-1160
LKC	3084	-1186
ВКС	3320	-1422
arbuckle	3342	-1444

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6624

		CONTRACTOR AND REPORTED AND CONTRACTOR AND CONTRACTOR AND	Martin and martin
Date 4-29-13 Sec. 14	Twp. Range	County State On Location 2	DO AM
	Locati	ion Russell Ky - 5 to Winterset of	Zd. JE
Lease / "++e1 E	Well No.	Owner 2 N. Whats	1
Contractor Roural #2	a land a start of the start of	To Quality Oilwell Cementing, Inc.	COL BOX SUB
Type Job Sufface	Contraction of Street	You are hereby requested to rent cementing equipment and fu cementer and helper to assist owner or contractor to do work	as listed.
Hole Size 12 14	т.р. 472'	Charge Joseph Billion	$\langle T_{i} \rangle_{c,0} \langle T_{i} \rangle$
Csg. 85/81	Depth 4721	Street	The second
Tbg. Size	Depth	City State	a a part service
Tool	Depth	The above was done to satisfaction and supervision of owner agent o	or contractor.
Cement Left in Csg. 15	Shoe Joint 15	Cement Amount Ordered 200 St. Common	39.00
Meas Line	Displace 29 BCS	2° b Get	1.11
EQUIPM	the War and a spectra war and a second se	Common 00	$\mathcal{T} \mathcal{T}_{\mathcal{A}} \mathcal{H}(\sigma_{p})$
Pumptrk / No. Cementer Helper	CK	Poz. Mix	No. Case rad
Bulktrk 3 No. Driver	den	- Gel. 4	7月 .
Bulktrk No. Driver	Rick	Calcium	and a same
JOB SERVICES	& REMARKS	Hulls	in menuo
Remarks: ement did	Circulate;	Salt	Mar
Rat Hole	in the stand of the second of the	Flowseal	in terminer
Mouse Hole	a construction of the later of the	Kol-Seal	autost. "Airu
Centralizers	all the second strategy and strategy	Mud CLR 48	1 (6)
Baskets	Lipper - and incompany train a	CFL-117 or CD110 CAF 38	NE CHINNED
D/V or Port Collar	and the state of the second	Sand	the mars even
	COMPLEX TELACT SEAMING	Handling	HOCE SCALD
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and the second	The second s	FLOAT EQUIPMENT	les orenañ
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in infraction of Verland	and the of the second second	Discount	March Margarit
X Signature	and the second	Total Charge	in the second
			No the Company

QUALIT		ELL CEMENTING, INC. Tax I.D.# 20-2886107
Phone 785-483-2025 Cell 785-324-1041	we don't a data in the state of the state of	D. Box 32 Russell, KS 67665 No. 6834
Date 5-5-13 Sec.	Twp. Range to armet enii .062	County State On Location 2.45pm
Lease MOTALO" Janit renet	Tittle E Le Well No. O H	g Owner y N Winto
Contractor Moyel 2 Type Job 010c 366	nin panet in a second in 164 ICK Tokic condition munched 162 ICK notings and the to 142	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Hole Size	т.р. 3445	Charge Ch
Csg. 5-0	Depth 3394	Street Old Of One
Tbg. Size	Depth	City State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. CUTT	Shoe Joint 7017 9	
Meas Line EQUIPM	Displace 30,7013	Common 200
Pumptrk No. Cementer	ut	Poz. Mix
Bulktrk 3 No. Driver Br	ett .	Gel. Setting and the set of a market state of the set o
Bulktrk Dy No. Driver Driver	nic m	Calcium
JOB SERVICES	& REMARKS	Hulls that enter the main of your stade between the live one enter the training
Remarks:	not along ad tox have y the	Salt IC
Rat Hole 30 545	or restorated) exclanationalm	Flowseal
Mouse Hole 5 545	terms for the rest of the sector receiption	Kol-Seal 1000 the
Centralizers 2471012	14 60	Mud CLR 48 500 300
Baskets Cimit Clan	PX+2 164P	CFL-117 or CD110 CAF 38
D/V or Port Collar Dig het	7761	Sander and a social motion 21 Truck (C) they perform a solid second
Lechertittel	E #7	Handling
Provide la participation de la p	Viendob tello onti una fa e El citado fontetto constitutos	Mileage
1 H MO	EP	FLOAT EQUIPMENT
PH WA	119/101 Maddilloco 16 ele	Guide Shoe
trande 19 Din	s at M	Baskets 2 5 C
They change applying they are	1 and the	AFU Inserts
Daa hatch	Piscel	Float Shoe
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X Signature	ofon dillo uterolociation dig e	Total Charge

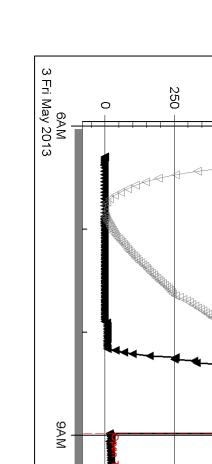
	DRILL STEM TES	TREP	ORT				
RILOBITE	Jason Oil Company, LLC		14-	15s-14w	-Russell		
ESTING , INC.	PO Box 701 Russell,KS. 67665			el #9 Ticket: 52	2234	DST#	1 . 1
	ATTN: Jeff Law ler					@ 06:17:50	
GENERAL INFORMATION:							
Formation:Toronto-GDeviated:NoWhipstock:Time Tool Opened:08:58:50Time Test Ended:13:10:05	0.00 ft (KB)		Test Test Unit	ter:	Conventior Jason McL 54		Hole (Initial)
Interval:3045.00 ft (KB) To31Total Depth:3163.00 ft (KB) (TNHole Diameter:7.80 inches Hole			Refe	erence Ele KB t	evations: o GR/CF:	1891.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8789InsidePress@RunDepth:31.98 psigStart Date:2013.05.03Start Time:06:17:52TEST COMMENT:IFP-Fair Blow , Build Si-DeadISI-DeadISI-Dead	End Date: End Time: uilt to 6"	2013.05.03 13:10:05	Capacity: Last Calit Time On I Time Off	o.: Btm: 2		8000.(2013.05.(3 @ 08:58:2 3 @ 12:06:3	20
FFP-Good Bow , FSI-Dead Pressure vs. T		Time	PF	RESSUR	RE SUM		
	Troperature (deg F)	(Min.) 0 1 33 94 94 121	(psig) 1548.74 16.72 25.22 214.04 23.97 31.98	(deg F) 90.99 90.47 91.34 92.03 91.96 92.40	Initial Hyc Open To Shut-In(1 End Shut Open To Shut-In(2	Iro-static Flow (1)) -In(1) Flow (2)	
Gu G	станици	188 189	193.75 1457.91	92.93 93.56			
Recovery			<u> </u>	Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (i		sure (psig)	Gas Rate (Mcf/d)
40.00 Drilling Mud	0.56						
Trilobite Testing, Inc.	Ref. No: 52234					3 @ 14.43	

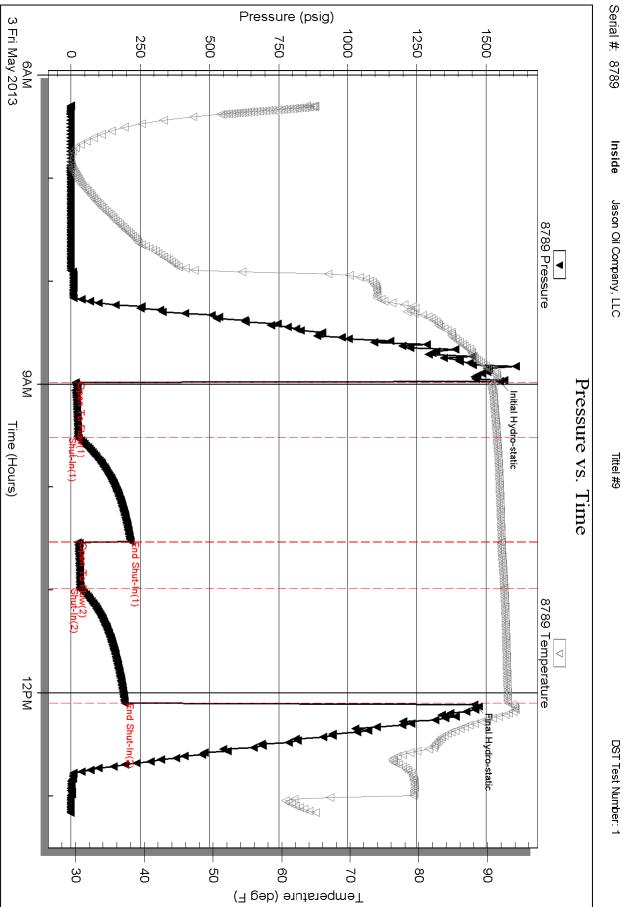
(On-		DRI	ILL STEM TEST R	EPORT	_		FLUID S	UMMARY
	RILOBITE ESTING , INC.	Jason	Oil Company, LLC		14-15s-14w	-Russell		
	ESTING , INC.		x 701 II,KS. 67665		Tittel #9	0004	DOT# 4	
			Jeff Law ler		Job Ticket: 5	2234 013.05.03 @ 0	DST#:1	
. When the		ATTN.				013.05.05 @ 0	0.17.50	
	ushion Information							
			Cushion Type:			Oil API:		deg API
Mud Weight: Viscosity:	9.00 lb/gal 50.00 sec/qt		Cushion Length: Cushion Volume:		bbl	Water Salinity:		ppm
Water Loss:	8.79 in ³		Gas Cushion Type:		551			
Resistivity:	ohm.m		Gas Cushion Pressure		psig			
Salinity: Filter Cake:	4000.00 ppm inches							
Recovery I			Recovery Table					
	Lengt ft	th	Description		Volume bbl			
		40.00	Drilling Mud		0.561]		
	Total Length:	40	0.00 ft Total Volume:	0.561 bbl				
	Num Fluid Samp	les: 0	Num Gas Bombs:	0	Serial #:			
	Laboratory Nam		Laboratory Location	1:				
	Recovery Com	nents:						
	sting lpc		Pef No: 52234			· 2013 05 03 @		

Printed: 2013.05.03 @ 14:43:55

Ref. No: 52234

Trilobite Testing, Inc





	DRILL STEM TEST REPORT							
RILOBITE	Jason Oil Company, LLC	14-15s-14w-Russell						
	PO Box 701 Russell,KS. 67665	Tittel #9						
				icket: 522		DST#:	3	
	ATTN: Jeff Law ler		Test	Start: 201	13.05.04 @ 1	3:30:21		
GENERAL INFORMATION:								
Formation:ArbuckleDeviated:NoWhipstock:Time Tool Opened:14:33:36Time Test Ended:19:22:21	0.00 ft (KB)		Test ⁻ Teste Unit N	er: Ja	onventional ason McLem 4		ble (Reset)	
Interval:3310.00 ft (KB) To33Total Depth:3345.00 ft (KB) (TVHole Diameter:7.80 inches Hole			Refer	rence Elev KB to	vations: GR/CF:) ft (KB)) ft (CF)) ft	
Serial #: 8789InsidePress@RunDepth:256.42 psigStart Date:2013.05.04Start Time:13:30:23TEST COMMENT:IFP-Good Blow , EISI-Blow back BuilFFP-Good Blow , Termed Blow , E	End Date: End Time: 30B in 5 Min. t to 1"	2013.05.04 19:22:21	Capacity: Last Calib. Time On Bi Time Off B	tm: 20	20 013.05.04 @ 013.05.04 @		L	
FSI-Dead Pressure vs. Ti	me	Γ	PRI		E SUMMA	RV		
8789 Pressure	5739 Temperature 5739 Temperature = 100	Time	Pressure	Temp	Annotation			
	- 95	(Min.) 0	(psig) 1708.68	(deg F) 87.56	Initial Hydro-	static		
120		1	25.23		Open To Flo	w (1)		
а во виниса		30 90	148.47 1102.47		Shut-In(1) End Shut-In(1)		
	76 mperat	91 120	153.67 256.42		Open To Flo Shut-In(2)	w (2)		
		120 180 180	1102.90 1648.61	97.99	End Shut-In(Final Hydro-			
4 Sat May 2013	66 A C C C C C C C C C C C C C C C C C C							
Recovery			Gas Rates					
Length (ft) Description	Volume (bbl)		Choke (inches) Pressure (psig) Gas Rate (Mct/d)					
380.00 Free Oil 120.00 Frothy Muddy Oil-30%G-5	5.33 50%O-20%M 1.68							
0.00 180' Gas In Pipe	0.00							
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 52236			D 1 / 1 -	2013.05.05 @			

RILOBITE		RILL STEM TEST			
	Ja:	son Oil Company, LLC	14-1	5s-14w-Russell	
	VG , INC. _{PC}	PO Box 701		l #9	
		issell,KS. 67665		cket: 52236	DST#:3
	AT	ATTN: Jeff Law ler		Start: 2013.05.04 @	
Iud and Cushion Infor	mation				
lud Type: Gel Chem		Cushion Type:		Oil A PI:	36 deg A Pl
lud Weight: 9.00 lb/	aal	Cushion Length:	ft	Water Salin	-
iscosity: 52.00 se		Cushion Volume:	bbl		, , , , , , , , , , , , , , , , , , , ,
/ater Loss: 8.79 in ³	-	Gas Cushion Type:			
esistivity: oh	m.m	Gas Cushion Press	ure: psig		
alinity: 4600.00 pp	m				
ilter Cake: inc	ches				
ecovery Information					
Г		Recovery Table			
	Length ft	Description		lume bbl	
	380.0	00 Free Oil		5.330	
	120.0	· _ · _ ·	0%O-20%M	1.683	
	0.0	00 180' Gas In Pipe		0.000	
Tota	I Length:	500.00 ft Total Volume:	7.013 bbl		
Num	Fluid Samples: (0 Num Gas Bombs	s: 0 S	Serial #:	
Labo	oratory Name:	Laboratory Loca	ation:		
Reco	overy Comments	3:			

Printed: 2013.05.05 @ 03:17:34

Ref. No: 52236

