

#### Kansas Corporation Commission Oil & Gas Conservation Division

1099912

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date  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 III Approved by: Date:						

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (		nmingled mit ACO-4)			

Form	ACO1 - Well Completion					
Operator	Jason Oil Company, LLC					
Well Name	Gross 8					
Doc ID	1099912					

#### Tops

Name	Тор	Datum
ANHYDRITE TOP	672	1031
ANHYDRITE BASE	706	997
ТОРЕКА	2578	-875
HEEBNER SHALE	2807	-1104
TORONTO	2826	-1123
DOUGLAS SHALE	2840	-1137
LKC	2870	-1167
ВКС	3134	-1431
ARBUCKLE	3174	-1471

## 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

Sec.	Twp. Range	County		State	On Location	) Finish
Date 10 - 2 8 12.		Kurssei	Ú	hs h		MY WITH
	/ell No. 2	Location	<u>-70 -</u>	+ Pioneec	Rd, 55	to Lincoln
Contractor Howal II.	2.	Owne		14.W, 5/	[nto	
Type Job State				ell Cementing, Inc.	cementing equipmen	it and furnish
Hole Size	T.D. 278	, cemer	nter and h	elper to assist owr	er or contractor to d	o work as listed.
Csg. 7 - 1/3"	Depth 2181	Charg To	le Ja	500 091	and the second second	
Tbg. Size	Depth	Street	<u> </u>			
Tool	Depth	City			State	
Cement Left in Csg. 15	Shoe Joint 5	4	· · · · · · · · · · · · · · · · · · ·		nd supervision of owne	r agent or contractor.
Meas Line	Displace 16 3/4/1			t Ordered 75	sx Commo	n 3%(C)
EQUIPM  No Cementer (	IENT	2/10	ad	-		
Pumptrk Helper /)(	e++	Comm	non			
Bulktrk / / Driver	1	Poz. N	Mix			
BUIRITK Driver	<del>(</del>	Gel.	•			
JOB SERVICES	& REMARKS	Calciu	ım			
Remarks: ( ene. of of	C. cculate	. Hulls				
Rat Hole		Salt	·		A Company of the Company	
Mouse Hole		Flows	eal			***
Centralizers		Kol-Se	eal			t
Baskets		Mud C	CLR 48			
D/V or Port Collar		CFL-1	117 or CD	110 CAF 38		
		Sand				
**************************************		Handi	ing			
		Mileag	ge			
				FLOAT EQUIPME	ENT	A Comment of the Comm
		Guide	Shoe		***	
		Centra	alizer			
		Baske	ets	• • •		
		AFUli	nserts		17 1274	
		Float	Shoe			
		Latch	Down			A
	State Control of the					
——————————————————————————————————————		Pumpt	trk Charge			14
		Mileag	ge			
	•		3.51		Tax	
X SI Company	p				Discount	
Signature YMA					Total Charge	*
	* *	and the second second				

## QUALITY OILWELL CEMENTING, INC.

e de la		Feder	al Tax	I.D.# 20-2	886107	Arman garat dag ber tega sering	a kapada da
Phone 785-483-2025 Cell 785-324-1041	Н	ome Office I	P.O. Bo	ox 32 Rus	sell, KS 67665	No.	0100
Sec.	Twp.	Range	(	County	State	On Location	Finish
Date 11 2 /2			Ri	SELL	KANSAS	Programme to the programme	6:35 Am
	<del>                                     </del>					ER-STOLENCO	200
Lease GROSS //	[,	Well No. 48	7 - 4	Long Street Contract	ASON OIL		
Contractor ROUPL 12		**************************************	<del></del>	To Quality O	ilwell Cementing, Inc		
Type Job Prain STRAING	<u> </u>		Z. Postania.	You are here cementer an	eby requested to rent d helper to assist ow	cementing equipment ner or contractor to do	and turnish work as listed.
Hole Size 7 8	T.D.	2220		Charas	750NOIL		
- KK! 16th NO.	Depth	$\frac{2}{2}$			0 W WICH		
Tbg. Size	Depth	5,000			SSELL	State KS, L	7015
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EQUIPI		e 100000		Common			
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No. Driver	V		1917	Gel.			
No. Driver	<del>y</del> 75			Calcium			
JOB SERVICES		RKS	V. 11. 1	Hulls	Section 1985 Section 1985		
Remarks:			4 1.3	Salt	<del>da</del>	<del>alah kan</del> an Masarangan perbagai Masaran salah kanangan perbagai	The section of the section of
Rat Hole				Flowseal		The state of	2,000 3,000 3,000 3,000
Mouse Hole			'	Kol-Seal	<del>(2011)                                   </del>		
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Baskets 2 44	<del>-                                    </del>	<del>/                                    </del>	:	<u> </u>	CD110 CAF 38		
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		Si uc lo			1.55	es agent de	

Contractor KOYAL 2  Type Job Tello Streeting		You are hereby requested to rent cementing equipment cementer and helper to assist owner or contractor to do	and furnish work as listed.
Hole Size 7 8	т.р. 3,320	Charge JASON OIL	
Csg. 5-6-15- NEW	Depth 3, 226	Street 740 W WICHITA	
Tbg. Size	Depth	City RUSSELL State KS, L	7665
Tool Paci Count	Depth 25 60	The above was done to satisfaction and supervision of owner a	agent or contractor.
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EQUIPM	IENT	Common	
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Bulktrk No. Driver Driver	ás l	Calcium	
JOB SERVICES	& REMARKS	Hulls	teria (sp. 1766) erasia. <del>On terial serial s</del>
Remarks:		Salt & The Land Control of the Contr	<u> </u>
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Mouse Hole		Kol-Seal	
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# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No.

Cell 785-324-1041					CON 1500	State	On Location	Finish
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Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No. 539

Cell 785-324-1041				T	in the second second	Della Control Control Control	On Location	Finish
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#### DRILL STEM TEST REPORT

Jason Oil Co. LLC.

5-15s.-13w. Russell Co.

Gro

3718 83rd. St. P.O. Box 701

Russell, KS 67665-0701 ATTN: Jeff Lawler Gross #8

Tester:

Job Ticket: 49591 **DST#:1** 

Test Start: 2012.10.31 @ 07:33:48

#### **GENERAL INFORMATION:**

Formation: LKC "C"

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:50:18 Time Test Ended: 14:07:48

Interval:

2828.00 ft (KB) To 2925.00 ft (KB) (TVD)

Total Depth: 2925.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Initial)

Unit No: 48

Reference Elevations: 1703.00 ft (KB)

Ryan Reynolds

1696.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8792 Outside

Press@RunDepth: 381.31 psig @ 2829.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2012.10.31
 End Date:
 2012.10.31
 Last Calib.:
 2012.10.31

 Start Time:
 07:33:53
 End Time:
 14:07:47
 Time On Btm:
 2012.10.31 @ 08:48:03

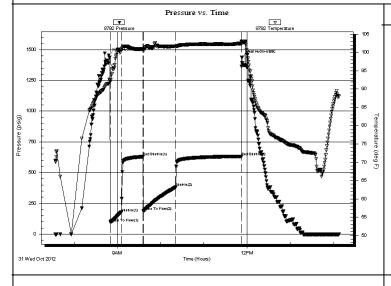
Time Off Btm: 2012.10.31 @ 11:52:48

TEST COMMENT: IF: Strong blow . BOB 2min. No GTS.

ISI: Fair blow . 6"

FF: Strong blow . BOB 2min. No GTS.

FSI: Fair blow . 5"



#### PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1455.25	91.58	Initial Hydro-static
3	95.43	92.03	Open To Flow (1)
18	176.63	100.74	Shut-In(1)
48	629.61	100.94	End Shut-In(1)
49	188.25	100.63	Open To Flow (2)
93	381.31	101.70	Shut-In(2)
185	632.16	102.48	End Shut-In(2)
185	1436.55	103.09	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
350.00	OGCMW 5%oil, 13%gas,18%mud, 65%	w 4.91
210.00	OGCMW 7%oil, 12%gas, 26%mud, 55%	w2.95
200.00	GOMW 10%gas, 20%oil, 30%mud, 40%	6v2.81

#### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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#### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Jason Oil Co. LLC. 5-15s.-13w. Russell Co.

3718 83rd. St.

Gross #8

P.O. Box 701

Job Ticket: 49591

DST#: 1

Russell, KS 67665-0701 ATTN: Jeff Lawler

Test Start: 2012.10.31 @ 07:33:48

#### **Mud and Cushion Information**

Mud Type: Gel Chem Cushion Type: Oil API: deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft Water Salinity: 84000 ppm

Viscosity: 57.00 sec/qt Cushion Volume: bbl

Water Loss: 7.99 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 3000.00 ppm Filter Cake: 0.02 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
350.00	OGCMW 5%oil, 13%gas,18%mud, 65%w tr	4.910
210.00	OGCMW 7%oil, 12%gas, 26%mud, 55%w tr	2.946
200.00	GOMW 10%gas, 20%oil, 30%mud, 40%w tr	2.805

Total Length: 760.00 ft Total Volume: 10.661 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

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