

### Kansas Corporation Commission Oil & Gas Conservation Division

1056216

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:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Conv. to GSW	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 #:	Quarter Sec TwpS. R				
ENHR Permit #:	County: Permit #:				
GSW Permit #:	. 5				
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 II Approved by: Date:							

Side Two



Operator Name:			Lease Name:			_ Well #:	
Sec Twp	S. R	East West	County:				
ime tool open and clo ecovery, and flow rate	osed, flowing and shu	d base of formations per i-in pressures, whether s st, along with final chart( well site report.	shut-in pressure re	ached static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Orill Stem Tests Taker		Yes No		Log Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	•	☐ Yes ☐ No	Na	me		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitter (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
ist All E. Logs Run:		CASING	RECORD [ ]	New Used			
	Size Hole	Report all strings set- Size Casing	conductor, surface, ir Weight	setting	on, etc.	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
Purpose:  — Perforate — Protect Casing — Plug Back TD — Plug Off Zone	Depth Top Bottom	ADDITIONAL Type of Cement	# Sacks Used	QUEEZE RECORD	Type and F	Percent Additives	
Shots Per Foot		DN RECORD - Bridge Plug Footage of Each Interval Per			eture, Shot, Cement count and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met		Gas Lift O	ther (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf W	ater Bb	ols. (	Gas-Oil Ratio	Gravity
Vented Sold	ON OF GAS:  Used on Lease bmit ACO-18.)	Open Hole		lly Comp. Com	nmingled nit ACO-4)	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	Wirth 6
Doc ID	1056216

## All Electric Logs Run

Dual Receiver Cement Bond
Radiation
Micro
Porosity

Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	Wirth 6
Doc ID	1056216

## Tops

Name	Тор	Datum
Anhydrite	684	+1145
Anhydrite-Base	706	+1123
Topeka	2576	-747
Heebner Shale	2859	-1030
Toronto	2878	-1049
Douglas Shale	2888	-1059
Brown lime	2951	-1122
LKC	2967	-1138
ВКС	3233	-1404
Arbuckle	3250	-1421

# 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. 4523

Sec.	Twp.	Range	70	County	State	On Location	Finish	
Date 1/8/11 8	16			Sign with Kenny Hard Mark of Sign				
Lease Winth Well No. 6 Location Court SE AN GE Ninto								
Contractor Contractor		Owner						
Type Job Salface	- Tong		in the second	To Quality O	ilwell Cementing, Inc. by requested to rent of	cementing equipment	and furnish	
Hole Size	T.D.	797		cementer an	d helper to assist own	er or contractor to do	work as listed.	
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Tool	Depth		3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	City		State		
Cement Left in Csg.	Shoe Joir	nt Assert	10000	The above wa	s done to satisfaction ar	nd supervision of owner	agent or contractor.	
Meas Line	Displace	244	Bbk.	Cement Amo	ount Ordered	1-x (nm 3°/6	(Caskal)	
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Baskets				Mud CLR 48				
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X Signature						Total Charge		

## 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. 4981

Date 4-13-11 Sec. 8	Twp. 16	Range //	Bor	County Fon	State Ks		On Location	Finish 12:00 AM
Lease with V	Vell No.	16	Location	on/Sea or	er Ks-	5 E	20,3	E PS
Contractor Royal Ro	七篇	2		Owner	F			
Type Job ada do	HAZTON I		6.4.	To Quality Oi	lwell Cementing by requested to	, Inc.	ntina equinmen	t and furnish
Hole Size 7 7/8 11	T.D.	3310		cementer and	d helper to assis	t owner or	contractor to d	o work as listed.
Csg. 554	Depth	3306	6 · 2 · 3 · 3	Charge Sa	son oil	aytı di.		
Tbg. Size	Depth		15 4 S 16	Street				
Tool	Depth		W. Took	City		Sta	ite	
Cement Left in Csg. 35/0	Shoe J	oint 35,10	) /	The above wa	s done to satisfact	ion and sup	pervision of owner	agent or contractor.
Meas Line	Displac	e 14 BL.	5	Cement Amo	ount Ordered 9	) sx 1	Common	10% Salt
EQUIPI	MENT			5% 69	sonite.	500	gal M	nd Clear 48
Pumptrk / No. Cementer Helper	LO	137462	21 / 10 . 32 1 1 1	Common/9	0		J.	
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Bulktrk), U. No. Driver Driver	1		- 4 7.	Gel.			e Japan Manjurian	
JOB SERVICES	& REMA	RKS		Calcium		growing to		
Remarks:			100	Hulls		1.746.3		
Rat Hole				Salt /6	Andrew Co	4 . 36 lstb. 1		Appleting the end
Mouse Hole			Solution C	Flowseal				
Centralizers / 5' off fort	m,	123456	2	Kol-Seal 50 A				
Baskets /	1			Mud CLR 48	00		7000 2000	
D/V or Port Collar				CFL-117 or (	CD110 CAF 38	1. 1000		
pipe on bottom	1,6	Jak Cin	whater	Sand	Company of the			
pump Son da	1 n	W/ Chi	148	Handling	6		April 196	
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Prepared For:

**Jason Oil Company** 

PO BOX 701 Russell, KS 67665

ATTN: Herb Deines

5-16s-11w Barton,KS

Wirth #6

Start Date: 2011.04.13 @ 01:31:39

End Date:

2011.04.13 @ 07:38:39

Job Ticket #: 42476

DST#: 1

Trilobite Testing, Inc PO Box 1733 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620



Jason Oil Company

PO BOX 701 Russell, KS 67665

ATTN: Herb Deines

Wirth #6

5-16s-11w Barton, KS

Job Ticket: 42476

DST#: 1

Test Start: 2011.04.13 @ 01:31:39

#### GENERAL INFORMATION:

Time Tool Opened: 03:11:54

Time Test Ended: 07:38:39

Formation:

Arbuckle

Deviated:

No Whipstock: ft (KB)

Test Type: Tester:

Conventional Bottom Hole

Randall Williams

Unit No:

1829.00 ft (KB)

1822.00 ft (CF)

Reference Elevations: KB to GR/CF:

7.00 ft

Interval: Total Depth:

Hole Diameter:

Serial #: 8648

Press@RunDepth:

3230.00 ft (KB) To 3260.00 ft (KB) (TVD)

3260.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Inside

361.32 psig @

3231.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

End Date:

2011.04.13

Last Calib .:

2011.04.13

Start Time:

2011.04.13 01:31:44

End Time:

07:38:38

Time On Btm:

2011.04.13 @ 03:10:39

Time Off Btm:

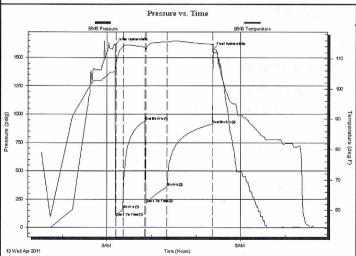
2011.04.13 @ 05:22:39

TEST COMMENT: IF=SBB BOB in 1 min

ISI= NBB

FF= SBB BOB in 1 min

FSI=NBB



## PRESSURE SUMMARY

- 1	- 20	7 TO 10 BUILDING		
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1612.99	105.82	Initial Hydro-static
	2	96.39	108.26	Open To Flow (1)
	11	165.00	114.05	Shut-In(1)
_	41	938.82	113.80	End Shut-In(1)
empe	42	215.61	112.90	Open To Flow (2)
Temperature (deg F,	71	361.32	115.47	Shut-In(2)
(deg	132	911.87	114.68	End Shut-In(2)
J	132	1573.85	114.82	Final Hydro-static
				u u
				20
				1 De Company
	*			

#### Recovery

Length (ft)	Description	Volume (bbl)
252.00	GOCM, 30% G, 10% O, 60% M	3.53
750.00	GCO, 10% G, 90%O	10.52
0.00	69 FT GIP	0.00
	100	akast i
		2
		<del></del>

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 42476

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TOOL DIAGRAM

Jason Oil Company

PO BOX 701 Russell, KS 67665

ATTN: Herb Deines

Wirth #6

5-16s-11w Barton, KS

Job Ticket: 42476

DST#:1

Test Start: 2011.04.13 @ 01:31:39

Tool Information

Drill Pipe: Length: 3235.00 ft Diameter:

Length:

0.00 ft Diameter: 0.00 ft Diameter:

45.38 bbl 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

0.00 bbl 0.00 bbl 45.38 bbl Tool Weight: Weight set on Packer: 25000.00 lb

4000.00 lb

Weight to Pull Loose: 54000.00 lb Tool Chased

0.00 ft

String Weight: Initial 50000.00 lb

Final 51000.00 lb

Heavy Wt. Pipe: Length:

Drill Collar:

Drill Pipe Above KB: 25.00 ft Depth to Top Packer: 3230.00 ft

Depth to Bottom Packer: ft Interval between Packers: 30.00 ft

Tool Length: Number of Packers: 50.00 ft 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3215.00	× ×	)
Hydraulic tool	5.00			3220.00		
Packer	5.00			3225.00	20.00	Bottom Of Top Packer
Packer	5.00			3230.00		
Stubb	1.00			3231.00		
Recorder	0.00	8648	Inside	3231.00		V
Recorder	0.00	6799	Outside	3231.00		
Perforations	24.00			3255.00		
Bullnose	5.00			3260.00	30.00	Bottom Packers & Anchor
Total Tool Long	th. 50.00					

Total Tool Length:

50.00



**FLUID SUMMARY** 

Jason Oil Company

Wirth #6

PO BOX 701 Russell, KS 67665

ATTN: Herb Deines

5-16s-11w Barton, KS

Job Ticket: 42476

DST#: 1

Test Start: 2011.04.13 @ 01:31:39

**Mud and Cushion Information** 

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

Viscosity:

53.00 sec/qt 8.77 in<sup>3</sup>

Water Loss: Resistivity:

ohm.m 3600.00 ppm

Filter Cake:

1.00 inches

Cushion Type:

Cushion Length:

Gas Cushion Pressure:

Oil API: Water Salinity:

38 deg API 3600 ppm

Cushion Volume: bbl

Gas Cushion Type:

psig

ft

Salinity:

**Recovery Information** 

Recovery Table

Length ft Description Volume bbl 252.00 GOCM, 30% G, 10% O, 60% M 3.535 750.00 GCO, 10% G, 90%O 10.521 0.00 69 FT GIP 0.000

Total Length:

1002.00 ft

Total Volume:

14.056 bbl

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location:

Serial #:

Laboratory Name:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 42476

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