

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1163261

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- ☐ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SIOW
- ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
- ☐ OG ☐ GSW ☐ Temp. Abd.
- ☐ CM (Coal Bed Methane)
- ☐ Cathodic ☐ Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
- ☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer
- ☐ Commingled Permit #: \_\_\_\_\_
- ☐ Dual Completion Permit #: \_\_\_\_\_
- ☐ SWD Permit #: \_\_\_\_\_
- ☐ ENHR Permit #: \_\_\_\_\_
- ☐ GSW Permit #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

\_\_\_\_\_ Feet from ☐ North / ☐ South Line of Section

\_\_\_\_\_ Feet from ☐ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☐ SE ☐ SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

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: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West

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: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West      County: \_\_\_\_\_

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes	<input type="checkbox"/> No			
List All E. Logs Run:					

<div style="text-align: center;"> <b>CASING RECORD</b> <input type="checkbox"/> New    <input type="checkbox"/> Used         </div> <div style="text-align: center;">Report all strings set-conductor, surface, intermediate, production, etc.</div>							
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 _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio      Gravity

<p style="text-align: center;"><b>DISPOSITION OF GAS:</b></p> <p> <input type="checkbox"/> Vented                <input type="checkbox"/> Sold                <input type="checkbox"/> Used on Lease         </p> <p style="text-align: center;"><i>(If vented, Submit ACO-18.)</i></p>	<p style="text-align: center;"><b>METHOD OF COMPLETION:</b></p> <p> <input type="checkbox"/> Open Hole                <input type="checkbox"/> Perf.                <input type="checkbox"/> Dually Comp.                <input type="checkbox"/> Commingled         </p> <p style="text-align: center;"> <i>(Submit ACO-5)</i>                <i>(Submit ACO-4)</i> </p> <p> <input type="checkbox"/> Other (Specify) _____         </p>	<p style="text-align: center;"><b>PRODUCTION INTERVAL:</b></p> <p>_____</p> <p>_____</p>
---	---	--

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 15, 2013

DEAN PATTISSON  
Woolsey Operating Company, LLC  
125 N MARKET STE 1000  
WICHITA, KS 67202-1729

Re: ACO1  
API 15-007-24038-00-00  
TUCKER GU A 5  
NW/4 Sec.28-33S-10W  
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
DEAN PATTISSON



Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 m.					on loc safety meeting Run 6 STS 10 <sup>3</sup> / <sub>4</sub> csg.
9:50					CASING ON BOTTOM
10:00					Hook Rig To CINE CSG.
10:05	290		3	3	8t SPACER
				4.5	mix cnt 200 k 6% / 40 poz cnt 2% gel 3%
			53		cmt mix w/ <del>st</del> <del>t</del>
				3.5	To 8t Deep
10:30	150		18		plug down) circ 10 BBL cnt to Pit
					JOB Complete <u>Thank you!</u>
					WOC
					Approved _____
					Date _____
					Descr _____



PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 7/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 4956	Depth	From	To	Pre Pad	Max		5 Min.
Volume 118	Volume	From	To	Pad	Min		10 Min.
Max Press 2000	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4912	Packer Depth	From	To	Flush	Gas Volume		Total Load

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2015					ON LOC / safety meeting
					STILL PULLING DRILL PIPE
21.30					DRILL PIPE OUT OF HOLE
					START RUNNING 5 1/2" casing
					RUN 112 JTS 5 1/2" csg 15.3 #
					<del>Run</del> Turb's on 2-3-7-8-9-10-11-12
					Scratchers on 2-3-4-7-8-9-10-11-12
					Csg ON BOTTOM
					HOOK UP TO Rig / Break circ.
					HOOKS UP TO START JOB
2.00	100		5	5	H2O SPACER
	100		12	5	MIX 50SKS 60/40 POZ AT 14 #
	100		37	5	MIX 125SKS AA2 cement at 14.3 #
2.30					SHUT DOWN / WASH PUMP & LINES
2.32	100		Ø	6	START H2O DISP WITH 2% ISCL
2.50	200		80	6	LIST PST
3.00	1500		117	6	PLUG DOWN
					JOB complete
					Thank you
					<i>[Signature]</i>





# Woolsey Operating Company, LLC

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: TUCKER GU A-5  
Location: APPROX NE SW SE NW  
License Number: API: 15-007-24038-00-00  
Spud Date: June 18, 2013  
Surface Coordinates: Section 28-T33S-R10W, 2259' FNL., 1830' FWL  
Bottom Hole Coordinates: Vertical Hole  
Region: Barber County, Kansas  
Drilling Completed: June 25, 2013

Ground Elevation (ft): 1433  
Logged Interval (ft): 4000  
Formation: McLish Shale  
Type of Drilling Fluid: Chemical Mud, Displace at 3381'  
K.B. Elevation (ft): 1445  
To: RTD  
Total Depth (ft): 5080  
Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

## OPERATOR

Company: Woolsey Operating Company, LLC  
Address: 125 N. Market, Suite 1000  
Wichita, KS 67202

## GEOLOGIST

Name: W. Scott Alberg  
Company: Alberg Petroleum, LLC  
Address: 609 Meadowlark Lane  
Pratt, Kansas 67124

## FORMATION TOPS

	SAMPLE TOPS	LOG TOPS
STARK SHALE	4277(-2832)	4271(-2826)
HUSHPUCKNEY SHALE	4310(-2865)	4300(-2850)
B/KC	4365(-2920)	4360(-2915)
PAWNEE	4454(-3009)	4450(-3005)
MISSISSIPPIAN	4532(-3087)	4526(-3081)
KINDERHOOK SHALE	4770(-3325)	4764(-3319)
WOODFORD SHALE	4841(-3396)	4834(-3389)
VIOLA	4890(-3435)	4876(-3431)
SIMPSON SHALE	4970(-3525)	4964(-3519)
SIMPSON SAND	4980(-3535)	4980(-3535)
MC LISH SHALE	5045(-3600)	5036(-3591)
RTD	5080(-3635)	
LTD		5075(-3630)

NOTE: Log tops are approximately 4-7' higher than all sample tops. Log TD was 5' Shallow to RTD.

## COMMENTS

Surface Casing: Set 6 joints 10 3/4" at 219' with 200 sxs Class A, 2% gel, 3% cc, 1/4# Celoflake, plug down at 10:30 pm on June 18, 2013. Cement did Circulate.  
Production Casing: Ran 5 1/2" Casing.  
Deviation Survey: 221', 1/2 - 845', 1/2 - 1350', 1/4 - 1850', 3/4 - 2398', 1 1/4 - 2905', 1/4 - 3095', 1/2 - 3570', 3/4 - 4046', 3/4 - 4648', 2 1/4 - 5080'.  
Contractor Bit Record:  
1- 14 3/4" out at 221'.  
2- 7 7/8" out at 4668'.  
3- 7 7/8" out at 5080'.

Gas Detector: Woolsey Operating Company, Trailer #1  
Mud System: Mud Co, Brad Bortz, Engineer  
DSTs: None Taken  
Logged by Nabors Completion and Production Services  
LTD - 5075'

## DSTs

None Taken

## CREWS

Fossil Drilling, Inc. Rig #3  
Tool Pusher - Jim Wenrich  
Drillers - Days - Daniel Orranta  
Evening - Ed Raney  
Morning - Andres Maestas  
Relief - Allen Collins

## ROCK TYPES

Anhy	Congl	Lmst	Black sh
Bent	Sdy dolo	Arg	Gry sh
Brec	Shy dolo	Mrlst	Shale
Cht	Dol	Salt	Shysiltst
Clyst	Gyp	Shale	Siltst
Coal	Sdy lmst	Sstst	Styish
		Ls	
		Ss	

## ACCESSORIES

MINERAL	Chlorite	Pelec	Grysh
Anhy	Dol	Pellet	Gryslt
Arg	Sand	Pisolite	Lms
Bent	Silty	Plant	Sandymls
Bit		Strom	Sh
Brecfrag		Fuss	Siltstn
Calc	FOSSIL	Oomoldic	
Carb	Algae		
Chtdk	Amph		
Chtlt	Belm	STRINGER	Boundst
Dol	Bioclst	Anhy	Chalky
Ferr	Brach	Arg	Cryxln
Glau	Bryozoa	Bent	Earthy
Mari	Cephal	Coal	Finexln
Nodule	Coral	Dol	Grainst
Phos	Crin	Ls	Lithogr
Pyr	Echin	Mrlst	Microxln
Sandy	Fish	Sltstgr	Mudst
Silt	Foram	Ssstrg	Packst
	Fossil	Carbstn	Wackest
	Gastro	Clystn	
	Oolite	Dol	
	Ostra		

