Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Oil	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Demois #	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	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

Confidentiality Requested:

Yes No

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

Operator Name:				_ Lease Na	ıme:			Well #:	
Sec Twp	S. R	East V	West	County: _					
open and closed, flow and flow rates if gas t Final Radioactivity Lo	ow important tops of for ving and shut-in pressu o surface test, along wi g, Final Logs run to ob ed in LAS version 2.0 o	res, whether s ith final chart(s tain Geophysi	shut-in pres s). Attach ical Data a	ssure reache extra sheet i nd Final Elec	ed station f more ctric Lo	c level, hydrosta space is neede	atic pressures, ed.	bottom hole temper	
Drill Stem Tests Taker (Attach Additional		Yes	☐ No		L	og Formati	on (Top), Deptl	h and Datum	Sample
Samples Sent to Geo	logical Survey	Yes	No		Name	Э		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ Yes	☐ No ☐ No						
List All E. Logs Run:									
			CASING F	RECORD	Ne	w Used			
		Report all s	strings set-co	onductor, surfa	ace, inte	rmediate, product	tion, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In O		Weight Lbs. / F		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ΔD	DITIONAL	CEMENTING	2 / 9011	EEZE RECORD	<u> </u>		
Purpose: Perforate Protect Casing Plug Back TD	Depth Top Bottom	Type of Ce		# Sacks U		LLZE NEGONIA		nd Percent Additives	
Plug Off Zone									
Does the volume of the t	ulic fracturing treatment or otal base fluid of the hydraring treatment information	aulic fracturing to			-	Yes [No (If No	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Shots Per Foot		N RECORD - E					acture, Shot, Cen	nent Squeeze Record	d Depth
	opeony i e	orage or Each I	interval i ent	Stated		(2	inodin and Nina o	i material Oscoj	Вори
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:	Yes	No	
Date of First, Resumed	Production, SWD or ENH		ducing Meth	od: Pumping		Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls.		Mcf	Wate		Bbls.	Gas-Oil Ratio	Gravity
Vented Solo	ON OF GAS: Used on Lease bmit ACO-18.)	Open I		ETHOD OF C	1	Comp. Co	mmingled	PRODUCTIO	ON INTERVAL:

Form	ACO1 - Well Completion		
Operator	Farmer, John O., Inc.		
Well Name	Waugh B 3		
Doc ID	1221422		

All Electric Logs Run

Compensated Density Neutron Log
Micro Resistivity Log
Dual Induction Log
Cement Bond Log

Form	ACO1 - Well Completion		
Operator	Farmer, John O., Inc.		
Well Name	Waugh B 3		
Doc ID	1221422		

Tops

Name	Тор	Datum
Mississippi	2286'	(-987)
Kinderhook	2628'	(-1329)
Hunton	2771'	(-1472)
Maquoketa	2813'	(-1514)
Viola	2880'	(-1581)
Simpson Sand	3002'	(-1703)
Arbuckle	3052'	(-1753)
L.T.D.	3110'	(-1811)

Summary of Changes

Lease Name and Number: Waugh B 3 API/Permit #: 15-197-20299-00-00

Doc ID: 1221422

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	10/29/2013	09/03/2014
Date of First or Resumed Production or SWD or Enhr		08/28/2014
Fracturing Question 1		No
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=18&t	https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=18&t
Producing Method Pumping	No	Yes
Production - Barrels Oil		30.00
Production - Barrels of Water		0.00
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=12
Well Type	65547 SIOW	21422 OIL



CONFIDENTIAL KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

1165547

Form ACO-1
June 2009
Form Must Be Typed
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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 □ SHOW □ 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:	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:	Drilling Fluid Management Plan
Well Name:	(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 Twp S. R
GSW Permit #:	County: 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: