

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1251420

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 🗌 East 🗌 West		
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 #	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:		
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:		
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	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)		
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls		
☐ Commingled Permit #: ☐ Dual Completion 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

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:			

Page Two



Operator Name: Lease Name: _ Well #: _ County: _ INSTRUCTIONS: Show important tops 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. Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF). **Drill Stem Tests Taken** No Log Formation (Top), Depth and Datum Sample | Yes (Attach Additional Sheets) Name Top Datum No Samples Sent to Geological Survey Yes ☐ No Yes
 Yes
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 Yes
 ■
 Yes
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 Nes
 Nes Cores Taken Electric Log Run ___ Yes No List All E. Logs Run: CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting Type of # Sacks Type and Percent Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone Did you perform a hydraulic fracturing treatment on this well? Yes No (If No, skip questions 2 and 3) No Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes (If No, skip question 3) Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? (If No, fill out Page Three of the ACO-1) Yes PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated Depth (Amount and Kind of Material Used) TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No Date of First, Resumed Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Lift Other (Explain) **Estimated Production** Oil Bbls Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION: DISPOSITION OF GAS: PRODUCTION INTERVAL: Open Hole Perf. Dually Comp. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

ALLIED OIL & GAS SERVICES, LLC Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT:

3001		1EAA3 /00				Medicine	Lofge Ki
DATE 2-13-15	SEG.	TWP.	RANGE 16 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE MUSSEN	WELL#	7-16	LOCATION /20	100		COUNTY	STATE
OLD OR NEW C			200111011 /3071	(1)02		Barber	15-5
	iicio (iic)						
CONTRACTOR TYPE OF JOB	Domition	71-	W-12-14-14-14-14-14-14-14-14-14-14-14-14-14-	OWNER 1	laught (DOD OIL	. & GAS
HOLE SIZE	Produc 776		. 5.568	- CIEL (IDalm			
CASING SIZE	775- 51/2		<u>- 368</u> РТН 5568	_ CEMENT	ORDERED 2005	5 Il	
TUBING SIZE			PTH				
DRILL PIPE			PTH	- NOCH	, 10 % Salt, 6 -160, -25 %	DEO/Seal	
TOOL			PTH		-190/ -00 2	K P Mann	
PRES. MAX			NIMUM	_ COMM ON	20054	@ 1510	Sacto
MEAS, LINE			DE JOINT	POZMIXG			5056-0
CEMENT LEFT II	N CSG.			GEL So#	1080#	@ <u>;;;;</u>	1654.4
PERFS.				CHLORIDE		_ @@	734.4
DISPLACEMENT				#30 172-160	1.50 7	@_ <i>_18.9</i> v	1176.00 28350°
	EOI	UIPMENT		De Bamer		@ <u>75.40</u> @ <u>3.50</u>	175.00
Str. / Lan	~~.	J 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		DuDClass		@ <u>4109</u>	
PUMP TRUCK	CEMENT	CCD Da	· · · · //			_ <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</u>	170.00
			- Smith				
# 988 989 BULK TRUCK	HELPER	Je/en,	z Vanc	_			
	DDÍVEÐ	ANTONE	•				
BULK TRUCK	DRIVER	HIVIONE		_		_@	
	DRIVER					@	
	DICTURE			– HANDLÏNG		_ @	
				MILEAGE _			
	RE	MARKS:		2000 = 2	リ ヘリ カン	TOTAL	lafas.ଡ଼େ
				- (40°/0 <i>-0</i> %	1671- 7-7		ه در ۱۳۰۱ می د
			SERVICE				
	TT:				iob <u>556</u> &		
					CK CHARGE		3099 25
			·	EXTRA FOO		_@	
				_ <i>LD</i> MILEAGE _		@ 4.40	110.00
				 MANIFOLD 	100	@ 2750	235.00
				HV milegy	25	@ <u>7.70</u>	192-50
1.1	1 ,	1 1 A	0	DUAYAGE.		_ @ <u>න\න\</u>	79613
CHARGE TO: <u>V</u>	aughn 1	Good U.	1 of (79.)	_ handling	3cls	2,49	7.59.89
STREET	-			J		TOTAL	553
	··			- 2000 c = 104	4,25		<u>پ ، در هستند</u>
CITY	ST	ATE	ZIP	-			
					PLUG & FLOAT	r Equipment	ſ
				Latch N	nun Plus 5/2	@ (lao	10/1.00
				Res Gade S			231.07
To: Allied Oil &	Gas Servi	ices, LLC.		Centraliza			8.55.00
			enting equipment				
and furnish cemer	nter and h	reliner(s) to	assist owner or	<u> </u>			
contractor to do v	vork as is	listed Th	e above work was	<u>بر.</u>	961.39 ^{QO}	110-250-20	
done to satisfaction				/80	961.39 🐃	TOTAL	, 1796 po
contractor I have	read and	pervision c	id the "GENERAL			IOIAL	
TERMS AND CO	NENTEN	Nich Batad	on the reverse side.	SALES TAX	(If Anv)		
LUIGID AITU CE	ATTALLED TO	110 115(0)	on the reverse side.			174	
÷			TOTAL CHARGES _ 19151.64				
PRINTED NAME				DISCOUNT .		IF PAID	IN 30 DAYS
signature <u>/</u>	100	4 1	L	MET-			
SIGNATURE	1 7	m /	100-1	MEI			
	101		•		15321.31		

DAIL CONTO		· 4UT 7.20"
LEASE MUSSER WELL # 7-16 LOCATION Hand	ther I south for Ba	JŊTY STATE
OLD OR NEW (Circle one) State Nine		rber Kansas
CONTRACTOR Mendenhall	OWNER LAUGHNEDES	8 1.1 6 cc
TYPE OF JOB, Surface	OWNER LAUGHNECCO	VII + Da
HOLE SIZE 12'14 T.D. 352	CEMENT	
CASING SIZE 8 % DEPTH 352		
	AMOUNT ORDERED	
	50 st 65.55:67.6e(+3	
DRILL PIPE DEPTH	100 54 Class A +3%, CC +	21.90
TOOL DEPTH PRES. MAX 250 MINIMUM	/ ^	
	COMMON <u>Class H 100</u> 500	17.90 1790.00
MEAS. LINE SHOE JOINT	POZMIX@	
CEMENT LEFT IN CSG.	GEL <u>188 @</u>	1.05 197.40
PERFS.	CHLORIDE 674 @	1.10 741.40
DISPLACEMENT 19/2 Bbs Freshuber	ASC@	
EQUIPMENT	ALW 50 sx @	19.88 2982 60
		2.97 1/2.86
DUMPTRUCK COMENTED /2/. /- P //	@	100-00
PUMPTRUCK CEMENTER CAN Baldin		
#548-54) HELPER JASON Thimesch		
BULK TRUCK		
# 949-74/ DRIVER JAMES BOWER	@	
BULK TRUCK		
# DRIVER	HANDLING @	
	MILEAGE	
REMARKS:	MILEAGE	
REMARKS:	No. 2 12 12 22	TOTAL 5023-66
	50902 Mb4.73	
	SERVICE	
See Joshog	SERVICE	
See Joshog	DEPTH OF JOB 352	
ser Joshog	DEPTH OF JOB 352	2.25
See Joshog	DEPTH OF JOB 352 (PUMPTRUCK CHARGE 15/2	1.25 440 110.60
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See Joshog	SERVICE DEPTH OF JOB35> (PUMP TRUCK CHARGE/5/2 EXTRA FOOTAGE/25@_ MILEAGE25@_	4.40 110.00
See Johney	DEPTH OF JOB 352 (PUMPTRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @	440 /10.60 7.70 192.50 275.50
	DEPTH OF JOB 352 (PUMPTRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @	4.40 110.00
	DEPTH OF JOB 352 (PUMPTRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @	440 /10.60 7.70 192.50 275.50
CHARGE TO: Vaughn Good Bil	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANdling 28202 @ Dragage 301.65 @2	440 //0.60 7.70 /92.50 275.50 7.48 &99.41 2.75 829.54
CHARGE TO: Vaughn Good Bil	DEPTH OF JOB 352 (PUMPTRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @	440 /10.60 7.70 192.50 275.50
CHARGE TO: <u>Vaughn Good Bil</u> STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANdling 28202 @ Dragage 301.65 @2	440 //0.60 7.70 /92.50 275.50 7.48 &99.41 2.75 829.54
CHARGE TO: Vaughn Good Bil	DEPTH OF JOB 352 PUMP TRUCK CHARGE 1512 EXTRA FOOTAGE LU 28 @ MILEAGE 25 @ MANIFOLD @ HANDING 28202 @ 20000 = 723.74	440 //0.00 7.70 /92.50 275.00 2.48 699.41 2.75 829.54 TOTAL 36/8.70
CHARGE TO: <u>Vaughn Good Bil</u> STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANdling 28202 @ Dragage 301.65 @2	440 //0.00 7.70 /92.50 275.00 2.48 699.41 2.75 829.54 TOTAL 36/8.70
CHARGE TO: <u>Vaughn Good Bil</u> STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE 512 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ MANIFOLD @ MANIFOLD 28 ZOZ @ MANIFOLD PLUG & FLOAT EQUITY AND PLUG &	440 //0.00 7.70 /92.50 275.00 2.75 879.41 7.75 829.54 TOTAL 36/8.70
CHARGE TO: <u>Vaughn Good Bil</u> STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE &S @ MANIFOLD @ HANDING 28202 @ Drayage 301.65 @2 PLUG & FLOAT EQUE I-RUDGE DUG @	440 //0.00 7.70 /92.50 275.00 2.75 879.41 7.75 829.54 TOTAL 36/8.70
CHARGE TO: <u>Vaughn Good Bil</u> STREET CITY STATE ZIP	DEPTH OF JOB 352 PUMP TRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @ HANDING 28202 @ Drayage 301.65 @ PLUG & FLOAT EQUE I-Rubber plug @ L-Eiber, BANG plage @	440 //0.00 7.70 /92.50 275.00 7.48 699.41 7.75 829.54 TOTAL 36/8.70 UIPMENT
CHARGE TO: Vaughn Good Bil STREET STATE ZIP To: Allied Oil & Gas Services, LLC.	DEPTH OF JOB 352 PUMP TRUCK CHARGE 512 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANDLING 28202 @ Dragage 301.65 @ PLUG & FLOAT EQU I-Rubber plug @ L-Fiber Baffle plaft @ 3-Centralizers @	440 //0.00 7.70 /92.50 2.75.00 2.48 £99.41 2.75 829.54 TOTAL 36/8.70 UIPMENT 131.00 91.25 75.00 225.00
CHARGE TO: Vaughn Good Bil STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANdling 28202 @ Dragage 301.65 @ PLUG & FLOAT EQU I-Rubber plug @ I-Fiber Baffle plafe @ 3-Centralizers @ @ @	440 //0.00 7.70 /92.50 275.00 7.48 699.41 7.75 829.54 TOTAL 36/8.70 UIPMENT
CHARGE TO: Laughn Good Sil STREET	DEPTH OF JOB 352 PUMP TRUCK CHARGE 512 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANDLING 28202 @ Dragage 301.65 @ PLUG & FLOAT EQU I-Rubber plug @ L-Fiter BAFTLE plate @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	440 //0.00 7.70 /92.50 2.75.00 2.48 £99.41 2.75 829.54 TOTAL 36/8.70 UIPMENT 131.00 91.25 75.00 225.00
CHARGE TO: Vaughn Good Bil STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	DEPTH OF JOB 352 PUMP TRUCK CHARGE 512 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANDLING 28202 @ Dragage 301.65 @ PLUG & FLOAT EQU I-Rubber plug @ L-Fiter BAFTLE plate @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	440 //0.00 7.70 /92.50 2.75.00 7.48 699.41 7.75 829.54 TOTAL 36/8.70 UIPMENT 131.00 91.25 75.00 225.00
CHARGE TO: Varghn Good Oil STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	DEPTH OF JOB 352 PUMP TRUCK CHARGE /5/2 EXTRA FOOTAGE LU ZS @ MILEAGE 25 @ MANIFOLD @ HANdling 28202 @ Dragage 301.65 @ PLUG & FLOAT EQU I-Rubber plug @ I-Fiber Baffle plafe @ 3-Centralizers @ @ @	440 //0.00 7.70 /92.50 2.75.00 2.48 £99.41 2.75 829.54 TOTAL 36/8.70 UIPMENT 131.00 91.25 75.00 225.00
CHARGE TO: Vaughn Good Bil STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	DEPTH OF JOB 352 PUMP TRUCK CHARGE 15/2 EXTRA FOOTAGE LU 28 @ MILEAGE 25 @ MANIFOLD @ HANDLING 28202 @ Dragage 301.65 @2 Dragage 301.65 @2 PLUG & FLOAT EQUATION OF BATTLE PLOYER @	440 //0.00 7.70 /92.50 2.75.00 7.48 699.41 7.75 829.54 TOTAL 36/8.70 UIPMENT 131.00 91.25 75.00 225.00
CHARGE TO: Varghn Good Oil STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	DEPTH OF JOB 352 PUMP TRUCK CHARGE 15/2 EXTRA FOOTAGE LU 25 @ MILEAGE 25 @ MANIFOLD @ HANDING 28202 @ Drayage 301.65 @ PLUG & FLOAT EQU I-Fiber BAFFE Plafe @ 3-Centralizers @ @ OWD: \$9.45 SALES TAX (If Any)	440 //0.00 7.70 /92.50 275.00 7.48 &99.41 7.75 829.54 TOTAL 36/8.70 UIPMENT TOTAL 447.25
CHARGE TO: Vaughn Good Oil STREET CITY STATE ZIP To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL"	DEPTH OF JOB 352 PUMP TRUCK CHARGE 15/2 EXTRA FOOTAGE LU 28 @ MILEAGE 25 @ MANIFOLD @ HANDLING 28202 @ Dragage 301.65 @2 Dragage 301.65 @2 PLUG & FLOAT EQUATION OF BATTLE PLOYER @	440 //0.00 7.70 /92.50 275.00 7.48 &99.41 7.75 829.54 TOTAL 36/8.70 UIPMENT TOTAL 447.25