KOLAR Document ID: 1383038

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	
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:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
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 Drill Stem Tests Received								
Geologist Report / Mud Logs Received								
UIC Distribution								
ALT I II Approved by: Date:								

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Page Two

Operator Name: _				Lease Name:	me: Well #:					
Sec Twp.	S. R.	E	ast West	County:						
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,		
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample		
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum		
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No							
		B	CASING eport all strings set-c		New Used	ion, etc.				
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD					
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives					
Perforate Protect Casi Plug Back T										
Plug Off Zor										
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,		
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)				
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity		
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom		
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT		
,	,			B.11 B1						
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record		
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:						
TODING RECORD:	. 3126.	Set	n.	i donei Al.						

Form	ACO1 - Well Completion				
Operator	Black Gold Kansas George, LLC				
Well Name	GEORGE 6				
Doc ID	1383038				

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	22	Portland	4	NA
Production	5.875	2.875	6.5	687	Class A	83	See Ticket



250 N. Water, Ste 200 - Wichita, Ks 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	Black Go	ld Kansas Geo	rge, LLC		Customer Name:	Chris McGow	n (REP.)	Ticket No.:		5015	7 50156
Address:	3825 Edw	ards RD #200			Contractor:	McGown Drill	ing	Date:	10/3/2017		
City, State, Zip:		Cincinnati,	Ohio 452	09	Job type	Longstring	Longstring Well Type: Oil				
Service District:	Madison, Ks				Well Details:	Sec		Twp:		R	
Well name & No.	George #6				Well Location:	Bronson	County:	Bourbon	State:		Kansas
Equipment #	Driver	Equipment #	Driver	Equipment #	Driver	TRUCK CALL	ED			AM PM	TIME
230	Jake					ARRIVED AT JOB				AM PM	10:45
241	Kevin					START OPER	ATION			AM PM	
						FINISH OPERATION				AM PM	
						RELEASED				AM PM	11:45
						MILES FROM	STATION TO	WELL			38

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Net Amount
c001	Heavy Equip. One Way	mi	38.00	\$3.25	\$123.50	\$93.86
c004	Minimum Ton Mile Charge	ea	1.00	\$300.00	\$300.00	\$228.00
c020	Cement Pump	ea	1.00	\$675.00	\$675.00	\$513.00
ср006	Regular - Class A Cement	sack	83.00	\$16.25	\$1,348.75	\$1,025.05
ср014	Bentonite Gel	lb	157.00	\$0.30	\$47.10	\$35.80
ср015	Calcium - Chloride	lb	235.00	\$1.00	\$235.00	\$178.60
ср038	Rubber Plug 2 7/8	ea	1.00	\$30.00	\$30.00	\$22.80
ср030	Mud Flush	gal	210.00	\$1.00	\$210.00	\$159.60
						_
Credit terms of sale for	ce unless Hurricane Services Inc. (HSI) has approved credit prior to sale. approved accounts are total invoice due on or before the 30th day from the accounts may pay interest on the balance past due at the rate of 1.12% per			Gross:	\$ 2,969.35	Net: \$2,256.71

date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 $\frac{1}{2}$ % per $month\ or\ the\ maximum\ allowable\ by\ applicable\ state\ or\ federal\ laws\ if\ such\ laws\ limit\ interest\ to\ a$ lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Discount rate is based on 30 days net payment terms or cash.

DISCLAIMER NOTICE:

This technical data is presented in good faith, but no warranty is given by and H.S.I assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is HSI best estimate of the actual results that may be achieved and should be used for comparison purposes and make no guarantee of future production performance. Customer warrants that well and all associated equipment in acceptable condition to receive services by H.S.I. Likewise, the customer will guarantee proper operational care of all customer owned production and associated equipment, while H.S.I. is on location performing services which could adversely affect the performance of such services.

Authorization below acknowledges receipt and acceptance of all terms and conditions stated

CUSTOMER AUTHORIZED AGENT

Gross:					2,969.35	Net:		\$2,256.71
Total Taxable \$ -					Tax Rate:		$/\setminus$	> <
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are						Sale Tax:	\$	-
increase production	not taxable.	existiii	g wells are	Total: \$ 2,25				
Date of	ate of Service:				10	/3/2017		

Jake Heard HSI Representative:

Chris McGown was on location as the company repersentive.

CEMENTING LOG

			CEIVIEN	TING LOG			
Company	Black Gold Kansas Ge	orge,LLC	Lease 0		Well Na	ame/No.	George # 6
Type Job	Longstring		Type & Amt Material	Class A	2% gel 3% Cc		
Field	0		Ticket Number	50157			
CASING DATA							
Size	2.875	Туре		Weight		6.4 Collar	
Casing Depths	s: Тор	0 Botto	om 686.75			-	
Drill Pipe:	Size	Weig		Collars			
Open Hole:	Size	5.875 T.D. (ft) 690	P.B. to (ft)			
CAPACITY FAC	CTORS						
Casing	Bbls/Lin. ft.		0.00579	Lin. ft./Bbl			
Open Holes	Bbls/Lin. ft.			Lin. ft./Bbl			
Drill Pipes	Bbls/Lin. ft.			Lin. ft./Bbl			
Annulus	Bbls/Lin. ft.		0.0255	Lin. ft./Bbl			
	Bbls/Lin. ft.			Lin. ft./Bbl			
Perforations	From (ft)		То	Amount			
CEMENT DATA	A						
Spacer Type	Mudflush						
Amt. 5 BBL	Sks Yield		ft $^{3}/_{sk}$ Density (PPG)				
LEAD							<u> </u>
Pump Time (h	urc)		Туре		Excess		
	Sks Yield		ft ³ / _{sk} Density (PPG)		LACESS		
Amt.	SKS TIEIU		it / _{sk} Density (FFG)				
TAIL							
Pump Time (h			Type A 2% Gel 3%	C.C	Excess		25%
Amt.	83 Sks Yield	1.4	1 ft ³ / _{sk} Density (PPG)				14.8
WATER							
Lead	gals/sl		Tail	6.85 gals/sk	Total (Bbls.)		13.53
Pump Trucks I							230
Bulk Equipme	nt						
							241
	ent: Manufacturer				D All-		
Shoe: Type					Depth		
Float: Type	Quantity		Dlugge Tor		Depth		
Centralizers: Stage Collars	Quantity		Plugs: Top		Bottom		
-	mont						
			Amt (Rhic)	4	Meight (DDG)		
	JC ITESHWatel		חווני (סטוזי)				
Special Equipr Disp. Fluid Typ Mud Type			Amt. (Bbls.)		Weight (PPG) Weight (PPG)		

COMPANY REPRESENTATIVE Chris McGown CEMENTER Jake Heard

TIME	PRESSU	RES PSI	FLU	JID PUMPED DA	ATA	
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	REMARKS
						On location saftey meeting
						Spot in and rig up
						Hook up to tubing
11:08 AM	100		5		4	Break circulation
	100		5		4	Pump Mudflush
	100		4		4	Pump water
	100		5		4	Pump dyed water
	180		20.84		4	Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	200		4		3	Displace
11:33 AM	1700		4		3	Bump plug
	0					Release pressure
						Shut in well
						Rig down and leave location
						Thanks Jake and Kevin



Operator:

Black Gold Kansas George, LLC

George #6

Bourbon Co, KS 19-25-22E API #011-24569-00-00

Spud Date: Surface Bit: 9/27/2017 9.875" **Surface Casing: Drill Bit:** 7.0" 5.875" Surface Length: Longstring: 22.35' 686.75'

Surface Cement: 4 sx **Longstring Date:**

Longstring:

Driller's Log

Top	Bottom	Formation Comments
0	3	Soil & Rock
3	9	Clay
9	16	Sandy Shale
16	52	Lime
52	54	Shale Blk
54	58	Lime
58	65	Shale
65	83	Lime
83	85	Shale
85	88	Lime
88	135	Sandy Shale
135	141	Lime
141	242	Shale
242	248	Lime
248	252	Shale
252	260	Lime
260	270	Shale
270	273	Red Bed
273	294	Shale
294	340	Sandy Shale
340	344	Limey Shale
344	369	Lime
369	372	Shale Blk
372	412	Shale

George #6 Bourbon Co., KS

		Bourboi	1 CO., KS
412	429	Lime	
429	437	Shale	
437	441	Lime	
441	550.5	Shale	
550.5	551.5	Lime	
551.5	582	Shale	
582	587	Sand & Sand	y Shale
587	590	Sand	Good sand, no odor or bleed
590	592	Sand	Fair bleed, good odor
592	596	Sand	Good bleed, good odor
596	628	Shale	
628	634.5	Shale	White muddy
634.5	636	Sand	Light brown no odor
636	638	Sand	Good bleed to pit, laminated
638	643	Sand	Good brown, nice porosity w/good initial saturation, good bleed after wash,
0.40	0.47	0 1 1	fair gas.
643	647	Shale	Tighter grey sand, little bleed back, laminated with shale.
645.5	647	Water	
647	690	Shale	
690		TD	