KOLAR Document ID: 1662039

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:					
Sec Twp.	S. R.	Ea	ast West	County:					
open and closed, f	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot			
						iled to kcc-well-lo	gs@kcc.ks.go\	. Digital electronic log	
			Yes No		_	on (Top), Depth ar		Sample	
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum	
-	_		Yes No Yes No Yes No						
		R				on, etc.			
Purpose of Strir		Hole	Size Casing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I			
Purpose:			pe of Cement	# Sacks Used	red Type and Percent Additives				
Protect Casi									
Additional Sheets) Samples Sent to Geological Survey									
2. Does the volume of	of the total base f	luid of the hydraulic	fracturing treatment	_	allons? Yes	No (If No, sk	ip question 3)	,	
Date of first Producti Injection:	ion/Injection or Re	esumed Production	_		Gas Lift 0	Other (Explain)			
	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:				
	_		Open Hole				ТОР	Bottom	
,	,				· · · · · · · · · · · · · · · · · · ·				
Per 24 Hours DISPOSITION OF GAS: Vented Sold Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION: PRODUCTION INTERVAL: Top Bottom (Submit ACO-4) Shots Per Perforation Perforation Bridge Plug Bridge Plug Acid, Fracture, Shot, Cementing Squeeze Record								Record	
TUBING RECORD:	Size:	Set /	At:	Packer At·					
. 5513 (1200) 10.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	Groshong Oil, LLC
Well Name	BROERS-ZG 2
Doc ID	1662039

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	32	Portland	9	50/50 POZ
Intermedia te	5.625	2.875	8	873	Portland	102	50/50 POZ

uite #200



Customer	Groshong Oil, LL	С	Lease & Well	# Broers- Zg	g, Zg-2				Date	7/:	13/2022
Service District	Garnett		County & Sta	te FR, KS		Legals S/T/R	23-1	5-20	Job#		
Job Type	Longstring	✓ PROD	☐ INJ	SWD		New Well?	✓ YES	☐ No	Ticket#	E	P5249
Equipment #	Driver			Job Sa	fety Anal	sis - A Discuss	sion of Hazards	& Safety Pro	ocedures		
89	Garrett Scott	✓ Hard hat		☑ Gloves			Lockout/Ta	gout	Warning Sign	ns & Flagging	
238	Devin Katzer	☑ H2S Monit	tor	☑ Eye Pro	otection		Required F	ermits	Fall Protection	n	
247	Trevor Glasgow	✓ Safety Foo		Respira	-		✓ Slip/Trip/F		Specific Job :		
124	Keith Detwiler	✓ FRC/Protec				ical/Acid PPE	✓ Overhead		✓ Muster Point		ations
		✓ Hearing Pr	otection	✓ Fire Ext	tinguisher			concerns or i	ssues noted below		
						Con	nments				
		-									
		-									
Product/ Service				The second	9						
Code		De	scription			Init of Measure	Quantity				Net Amount
C010	Cement Pump Ser	vice				ea	1.00	-			\$750.00
M010	Heavy Equipment					mi .	37.00	 			\$148.00
M015	Light Equipment M				-	mi	37.00	1			\$74.00 \$300.00
M025	Ton Mileage - Mini	mum				each	1.00				\$300,00
T040	Vacuum Truck - 80) bbl			_	hr	3.00				\$270.00
T010 AF080	Fresh Water	, out			_	gal	3,000.00				\$60.00
A1 000	Troon Water					94.					
CP049	EconoBond					sack	102.00				\$2,040.00
CP095	Bentonite Gel					lb	200.00				\$80.00
FE025	2 7/8" Rubber Plug					ea	1.00				\$40.00
								-			
						aparata and a second					
				v-11-00				-			
							 				
					-		-	-	-		
								-	1		
	 					Market Market State Commission of the Commission	-				
					_						
Cust	omer Section: On t	he following scal	e how would you ra	te Hurricane S	ervices In	:.?		-		Net:	\$3,762.00
							Total Taxable	\$ -	Tax Rate:		$>\!<$
Ba	ased on this job, ho	ow likely is it yo	u would recomme	nd HSI to a co	olleague?		State tax laws do		ducts and services	Sale Tax:	\$ -
							Hurricane Service	es relies on the	a customer provided a determination if		
	Unlikely 1 2	3 4 5	6 7	8 9	10 Extrer	nely Likely	services and/or			Total:	\$ 3,762.00
							HSI Renres	entative:	Garrett Scot	7	
									•		
TERMS: Cash in advi	ance unless Hurricane by interest on the balar	Services Inc. (HSI	l) has approved credit rate of 1 ½% per mo	prior to sale. Cri nth or the maxim	redit terms of num allowat	of sale for approve tile by applicable st	d accounts are tot tate or federal law	al invoice due on the second of the second o	on or before the 30th it is necessary to emp	day from the do	and/or attorney to

TERMS: Cash in advance unless Humicane Services Inc. (HS) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attempt affect the collection, 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 discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is 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. Any discount is based on 30 days net payment terms or cash. <u>DISCLAIMER NOTICE</u>: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Humcane has been provided accurate well informalton in determining taxable services.

,	CHSTOMED	AUTHORIZATION	SIGNATUR
	COSTONER	AUTHORIZATION	SIGNATUR



MENT T	REATM	ENT REP	ORT	A STATE OF THE STATE OF THE STATE OF							
		hong Oil, I	Rallication of the second	Well:	Proofs 7g 7g 2	Ticket:	EP5249				
		sville, KS		County:	3, 3						
					FR, KS	Date:					
Field R	epr Zach	Groshong		S-T-R:	23-15-20	Service:	Longstring				
Downho	ole Inform	ation		Calculated Slu	rry - Lead	Calc	ulated Slurry - Tail				
Hole Si	ze: 5	7/8 in		Blend:	Econobond	Blend:					
Hole Depth: 888 ft		Weight:	13.5 ppg	Weight:	ppg						
Casing Si		7/8 in		Water / Sx:	7.1 gal / sx	Water / Sx:	gal / sx				
asing Dep ubing / Lin		873 ft in		Yield:	1.56 ft ³ / sx	Yield:	ft³/sx				
Dep		ft		Annular Bbls / Ft.: Depth:	bbs / ft.	Annular Bbls / Ft.: Depth:	bbs / ft.				
ool / Pack				Annular Volume:	0.0 bbis	Annular Volume:	0 bbis				
Tool Dep		ft		Excess:	UIU MAIS	Excess:	0 8813				
splaceme		5.1 bbls		Total Slurry:	0.0 bbls	Total Slurry:	0.0 bbls				
		STAGE	TOTAL	Total Sacks:	0 sx	Total Sacks:	0 sx				
IME RA	ATE PS	I BBLs	BBLs	REMARKS							
:00 PM				On location, held saftey r	neeting						
Jul 1991 PA	_		-								
				Established circulation	Pantanita Cal fallowed by 4001 of	feech water					
			·	Mixed and pumped 200# Bentonite Gel followed by 4BBl of fresh water Mixed and pumped 102 sks Econobond cement, cement to surface							
					lushed pump clean						
					per plug to casing TD with 5.1 bbls fresh water						
				Pressured to 800 PSI, we							
				Released pressure to set	float valve						
			-	washed up equipment		Marie Production					
	_										
4:00 PM				Left location							
		-									
	-						A CONTRACTOR OF THE PARTY OF TH				
	_										
-+			L. L. Company			X					
					NOTES IN ACCUSE OF THE PROPERTY OF THE PROPERT		A CONTRACTOR OF THE PROPERTY O				
				- Alexandra de la companya del companya de la companya del companya de la company							
			No. of the last of			10.00					
	_										
	-										
_						_ X					
	CE	EW		UNIT		SUMMARY	,				
Cemen	A STATE OF THE PERSON NAMED IN	Sarrett Scott		89	Average Rate	Average Pressure	Total Fluid				
ump Opera		Devin Katzer		238	0.0 bpm	- psi	- bbls				
Bulk		revor Glasgo	w	247							
Bulk	CONTRACTOR OF THE PARTY OF THE	eith Detwiler		124							

SPUD DATE: 7-11-22

FINISH DATE: 7-14-22

LEASE: Brocks-ZG

LEASE OPERATOR: Grossheng oil LLC

WELL: ZG-Z

API: 15-059-27319

SEC: 23 TWP: 155 RNG: 20E

COUNTY: Franklin

DRILLERS NAME: M.takli

RIG #:



2394 UTAH ROAD RANTOUL, KS 66079

SURFACE: SIZE BIT 978" LENGTH 32' SIZE 7" CEMENT 9 SECKS

DRILL BIT SIZE 558" LENGTH 874 SIZE 278" 81011 BAFFLE NIA

TD 488 CORED

ORMATIONS	THICKNESS	FROM	то	FORMATION	THICKNESS	FROM	10
SoilBelay	6	0	6	lime	12	543	545
Sandstone	1 19	6	25	Shale	109	545	1654
Shale	153	25	178	Sand	8	654	662
line	4	178	182	Shale	49	662	7/1
shale	3	182	185	line	5	711	716
line	16	185	201	Ishale	7	716	723
Shale	10	201	211	line	3	723	726
line	17	211	218	shale	5	726	731
shale	122	218	240	line	1 /	731	732
Time	13	240	253	Ishale	2	732	734
Shale	5	263	258	lime	1 2	734	736
line	22	258	280	Shale	22	736	758
shale	2	280	282	Ime	2	758	760
line	. 4	282	786	shale	17	760	767
Shale	75	286	361	lime	1 2	767	769
line	19	361	380	Shale	14	769	773
shale.	20	380	400	Sand-grynoshow	3 3	773	1776
lime	8	400		llime	3	776	1779
Shele	1 29	408	437	Shale	17	779	796
lime	13	CONTRACTOR OF THE PARTY OF THE	450	lime	5	796	801
Shale	6		456	Shale	8	801	809
lime	112	456	458	lime		809	810
shale	12	458	470	1 Shale	5	810	815
lime	21	470	491	Brokersad		815	816
Shale	8		499	Brokensad	3	816	819
line	24	499	523	Bilsad	15	819	834
shale	4	523	527	lime	7	834	841
line :	4	527	531	Dilsand	6	841	847
Shale	3	531	534	oilsand	7	847	854
lime :	COLUMN TO THE PROPERTY OF THE	534	540	Sand-Black	17	854	871
shale	3.	540	543	Shale	17	871	888