KOLAR Document ID: 1834967

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 Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion						
Operator	Altavista Energy, Inc.						
Well Name	SAUDER 17						
Doc ID	1834967						

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	15	43	Thixo	20	See Ticket
Production	5.875	2.875	6.5	1090	Thixo	95	See Ticket



Mound City, KS 620.224.7406

Well #						Casing					
	A	ltavista	Ener	gy			Surface Longstring				Longstring
		Saude	r #17				Size:	7	11	Size:	2 7/8 "
							Tally:	43.0) '	Tally:	1089.8 '
API #:	031-	24705	S-T-R:	14-22S-16E			Cement:	HSI	sx	Bit:	5 7/8 "
County:	Coffey	Co., KS	Date:	12/30/2024			Bit:	9 7/8	3 "	Date:	1/2/2025
Тор	Base	Forma	ition	-		Тор	Base	Fori	mation	•	
0	2	soil				- 4					
2	25	clay								portable	e pit
25	30	gravel									
30	225	shale									
225	278	lime									
278	367	shale									
367	381	lime									
381	386	shale									
386	392	lime									
392	418	shale									
418	485	lime									
485	495	shale									
495	499	lime									
499	520	shale									
520	530	lime									
530	542	shale									
542	650	lime									
650	829	shale		big shale				Float Ed	luipment		
829	839	lime				Qty	Size				
839	854	shale				1	2 7/8	Float Sh	oe		
854	856	lime				1	2 7/8	Alumin	um Baffle	se	t at 1058.20
856	896	shale				3	2 7/8	Centrali	zers		
896	901	lime				1	2 7/8	Casing o	lamp		
901	923	shale									
923	925	lime						Sand	Core De		
925	1013	shale				Core #1:			Core #2:		
1013	1014	lime		сар		Core #3:	_		Core #4:		
1014	1017	shale				1018	1024	_	lor, slight b		
1017	1018	lime		сар				fair to g	ood bleed i	n sample	es
1018	1024	sand									
1024	1026	sandy sh	ale								
1026		shale									
		-									
				Total Depth:	10)95					



EMENT	TRE	ATMEN	rep(
Cust	tomer:	Altavista	Energy	·	Well:	Sauder #17,#20	Ticket:	EP16158			
City,	State:				County:	CF, KS	Date:	12/30/2024			
Field	d Rep:	Bryan M	iller		S-T-R:	14-22-16	Service:	LS & surface			
Dow	nhole I	nformatio	n		Calculated Slu	rry - Lead	Calc	ılated Slurry - Tail			
Hole	e Size:	5 5/8	in		Blend:	Thixo 1#PS	Blend:				
Hole [Depth	1092	ft		Weight:	13.7 ppg	Weight:	ppg			
Casing	g Size:	2 78	in		Water / Sx:	8.9 gal / sx	Water / Sx:	gal / sx			
Casing E	Depth:	1088	ft		Yield:	1.83 ft ³ / sx	Yield:	ft ³ / sx			
Tubing /	Liner:		in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.			
	Depth:		ft		Depth:	ft	Depth:	ft			
Tool / Pa	acker:	Baf	ile		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls			
	Depth:	1057	ft		Excess:		Excess:				
Displace	ment:	6.1	bbls		Total Slurry:	bbls	Total Slurry:	0.0 bbls			
		-,	STAGE	TOTAL	Total Sacks:	sx	Total Sacks:	0 sx			
TIME	RATE	PSI	BBLs	BBLs	REMARKS						
12:00 AM			-	-	On location Held safety m	eeing					
				-							
				-	#00						
	4.0			-	#20	the fine all acceptant					
	4.0 4.0			<u> </u>	Established circulation wi		L of froch water				
	4.0	250.0				of bentonite gel followed by 4 BB s of Thixo cement with 1# PS, Ce					
	4.0	200.0			Flushed pump and line cle	·	ment to surface				
	4.0	250.0		_		lug with 6.2 BBL of fresh water					
	1.0	800.0		-		PSI and shut in, well held pressur	re				
				-	Released pressure to set	-					
	4.0				Washed up equipment an	d moved					
					#17 Rig set 43' of surface	pipe					
					Hooked to surface and es	tablished rate					
					Mixed and pumped 20sks	of thixo cement with 1#PS,					
					Displaced cement with 1.5	5 BBL of water, shut in casing					
					Washed up equipment						
1:30 PM					Left location						
		CREW			UNIT		SUMMARY				
Con	nontor	Garret			957	Average Deta		Total Fluid			
Pump Op	nenter:	Nick E			209	Average Rate	Average Pressure	- bbls			
	erator.	HICK	•								
	Bulk #1:	Drew I	2		248						

ftv: 15-2021/01/25 mplv: 477-2024/11/12



Remit To: Hurricane Services, Inc.

250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

ALTAVISTA ENERGY INC PO BOX 128 WELLSVILLE, KS 66092-0128

Invoice Date:	1/2/2025
Invoice #:	0381511
Lease Name:	Sauder
Well #:	17 (New)
County:	Coffey, Ks
Job Number:	EP16183
District:	East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Cement Pump Service	1.000	750.000	750.00
Heavy Eq Mileage	34.000	4.000	136.00
Light Eq Mileage	34.000	2.000	68.00
Ton Mileage-Minimum	1.000	300.000	300.00
Thixatropic	95.000	30.000	2,850.00
Pheno Seal	95.000	1.750	166.25
Vacuum Truck-80bbl	2.000	100.000	200.00
Fresh water	3,360.000	0.020	67.20
2 7/8" Rubber Plug	1.000	40.000	40.00

Total	4,577.45

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

<u>SALES TAX:</u> Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Counter Pump Service											
Job Stefey Analysis - A Discussion of Hazards & Safety Procedures										1/	2/2025
Security				·							
Septical Plants Hard hat Gloves Gloves Gloves Septical Plants	Job Type	Longstring	✓ PROD	П ІИЛ						EF	216183
209 Mak B	Equipment #	Driver				ılysis - A Discuss	_	-	_		
248 Drew B Safety Footbear Basinatory Protection Square Protection					=		=	•	_		
Source Product Service Product					= 1				_		
Logan W	248	Drew B			= ' '						
Comments Comments	303	Doug G	- 1		=	·	_				ntions
Product/ Service Code Description Unit of Measure Bes 1.00 Description Descrip		Logan W	✓ Hearing Prote	ection	Fire Extinguish			oncerns or i	ssues noted below		
Cottomer Section: On the Columning scale how would you rate Hurricone Services for PED25 2 78° Rubber Plug en 1.00						Con	nments				
Cottomer Section: On the Columning scale how would you rate Hurricone Services for PED25 2 78° Rubber Plug en 1.00											
Cottomer Section: On the Columning scale how would you rate Hurricone Services for PED25 2 78° Rubber Plug en 1.00											
M010 Heavy Equipment Mileage mil 34.00 \$588 M025 Ton Mileage Himmum each 1.00 \$580 M025 Ton Mileage - Minimum each 1.00 \$520 CP060 H954 Thixo \$300 \$52,850 CP125 Pheno Seal b \$95.00 \$52,850 CP125 Pheno Seal b \$95.00 \$52,850 CP126 Pheno Seal b \$95.00 \$52,850 CP127 Pheno Seal b \$95.00 \$52,850 CP127 Pheno Seal b \$95.00 \$52,850 CP128 Pheno Seal b \$95.00 \$52,850 CP128 Pheno Seal b \$95.00 \$52,850 CP128 Pheno Seal b \$95.00 \$52,850 AF680 Fresh Water gall 3,360.00 \$567 FF8025 27/6" Rubber Plug a \$100 \$500 AF680 Fresh Water gall 3,360.00 \$567 FF8025 27/6" Rubber Plug a \$100 \$500 AF680 Fresh Water a \$100 \$500			Desci	ription		Unit of Measure	Quantity				Net Amount
M015 Light Equipment Mileage mi 34.00 \$588 M026 Ton Mileage - Minimum each 1.00 \$3300 CP080 H854 Thixo \$500 \$2,850 CP125 Phono Seal \$500 \$2,850 CP125 Phono Seal \$500 \$5166 T010 Vacuum Truck - 80 bbl \$500 \$5166 T010 Vacuum Truck - 80 bbl \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 \$500 \$500 \$50	C010	Cement Pump Sen	vice			ea	1.00				\$750.00
M015 Light Equipment Mileage mi 34.00 \$588 M026 Ton Mileage - Minimum each 1.00 \$3300 CP080 H854 Thixo \$500 \$2,850 CP125 Phono Seal \$500 \$2,850 CP125 Phono Seal \$500 \$5166 T010 Vacuum Truck - 80 bbl \$500 \$5166 T010 Vacuum Truck - 80 bbl \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 AF080 Fresh Water \$500 \$500 \$500 \$500 \$500 \$500 \$500 \$50											
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CP125 Pheno Seal Ib 95.00 \$166 T010 Vacuum Truck - 80 bbl hr 2.00 \$200 AF080 Fresh Water gal 3,360.00 \$67 FE025 2 7/6" Rubber Plug ea 1.00 \$40 Section: On the following seale how would you rate Hurrisane Services Inc.? Total Taxable s Tax Rate \$44,577 Total Taxable s Tax Rate \$3.610 Sale based on this job, how likely is it you would recommend HSI to a colleague? Selection: On the following seale how would you rate Hurrisane Services Inc.? Total Taxable s Tax Rate \$3.610 Sale base is a exempt. Hurrisane and on the selection of the selection o		1				each					\$300.00
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Total Taxable \$ - Tax Rate: Sale tax law deem certain products and services under the customer services of the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or feeder above the rebet date of inservices and/or products are tax exempt. Total: Sale tax law deem certain products and services under the customer provided well references and the products are tax exempt. Hurricane Services relies on the customer provided well references and the products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services relies on the customer provided well references and/or products are tax exempt. Hurricane Services and/or products are tax exempt. Total: \$ 4,577 His Representative: \$ \$ 4,577 His Representative: \$	CP060	H854 Thixo				sack	95.00				\$2,850.00
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AF080 Fresh Water gal 3,360.00 \$67 FE025 2 7/6" Rubber Plug ea 1.00 \$40 Customer Section: On the following scale how would you rate Hurricane Services Inc.? Total Taxable \$											
Customer Section: On the following scale how would you rate Hurricane Services Inc.? Customer Section: On the following scale how would you rate Hurricane Services Inc.? Customer Section: On the following scale how would you rate Hurricane Services Inc.? Total Taxable \$ - Tax Rate:	T010	Vacuum Truck - 80	bbl			hr	2.00				\$200.00
Customer Section: On the following scale how would you rate Hurricane Services Inc.? Total Taxable \$ - Tax Rate:	AF080	Fresh Water				gal	3,360.00				\$67.20
Customer Section: On the following scale how would you rate Hurricane Services Inc.? Total Taxable \$ - Tax Rate:											
Based on this job, how likely is it you would recommend HSI to a colleague? State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. Total	FE025	2 7/8" Rubber Plug				ea	1.00				\$40.00
Based on this job, how likely is it you would recommend HSI to a colleague? State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. Total											
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Based on this job, how likely is it you would recommend HSI to a colleague? State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. HSI Representative: Garnett Scott HSI Representative: Garnett Scott HSI Representative: Garnett Scott	Custo	omer Section: On th	ne following scale h	ow would you rate	Hurricane Services	Inc.?				Net:	\$4,577.45
used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. HSI Representative: Garnett Scott HSI Representative: Garnett Scott HSI Representative: Garnett Scott HSI Representative: Garnett Scott			· · · · · · · · · · · · · · · · · · ·				Total Taxable	\$ -	Tax Rate:		$>\!\!<$
Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt. Total: \$ 4,577	Ва	sed on this job, ho	w likely is it you v	vould recommend	d HSI to a colleague	?				Sale Tax:	\$ -
######################################							Services relies on	the customer	provided well		
TERMS: Cash in advance unless Hurricane Services Inc. (HSI) 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 du accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to 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 on tinclude 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. DISCLAIMER NOTICE: 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	***************************************	kopithd##1 2	3 4 5	6 7 8	9 10 н	who hou thing				Total:	\$ 4,577.45
TERMS: Cash in advance unless Hurricane Services Inc. (HSI) 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 du accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to 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 on tinclude 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. DISCLAIMER NOTICE: 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							HSI Represe	ntative	Gannett Sent	7	·
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 attorney to 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 royalities 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. DISCLAIMER NOTICE: 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 required the property 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	TERMO: O-ah in ada)		- to a la Conditate	£1 - £	·		<u> </u>		in Death
	accounts shall pay inte collection, Customer h applied in arriving at n Pricing does not includ discount is based on 3 made concerning the r guarantee of future pro operational care of all	erest on the balance pas- ereby agrees to pay all et invoice price. Upon r le federal, state, or loca 0 days net payment ten results fom the use of a boduction performance. customer owned equipi	st due at the rate of 1 fees directly or indirect evocation, the full invil taxes, or royalties arms or cash. DISCLAI ny product or service. Customer represents ment and property wh	½% per month or the ctly incurred for such cice price without disc ad stated price adjustr IMER NOTICE: Tech The information pres and warrants that we lie HSI is on location	maximum allowable by collection. In the event to count is immediately due ments. Actual charges in nnical data is presented sented is a best estimate all and all associated equ	applicable state or fe hat Customer's accore and subject to coller any vary depending usin good faith, but no very fee actual results aipment in acceptable	ederal laws. In the e unt with HSI becom- ction. Prices quoted pon time, equipmer varranty is stated or that may be achieve e condition to receive	vent it is neces es delinquent, are estimates it, and materia implied. HSI a ed and should e services by I	ssary to employ an ag HSI has the right to n only and are good fo al ultimately required t assumes no liability fo be used for comparis HSI. Likewise, the cus	gency and/or atto evoke any disco r 30 days from t o perform these or advice or reco on purposes an stomer guarante	orney to affect the nunts previously he date of issue. services. Any mmendations d HSI makes no es proper

ftv: 15-2021/01/25 mplv: 477-2024/11/12

CUSTOMER AUTHORIZATION SIGNATURE



CEMENT TE	REATME	NT REPO								
		sta Energ		Well:		Sauder #17	Ticket:	EP16183		
City, Sta			<u>- </u>	County:		CF, KS	Date:	1/2/2025		
Field Re	p: Bryan	Miller		S-T-R:		14-22-16	Service:	Longstring		
			_							
Downho	e Informa	tion		Calculated Si	lurry - Lead		Calc	culated Slurry - Tail		
Hole Siz		in		Blend:	Thixo 1		Blend:			
Hole Dep		95 ft		Weight:	13.7 p _l		Weight:	ppg		
Casing Siz		'/8 in B9 ft		Water / Sx:	8.9 ga		Water / Sx:	•		
Casing Dep Tubing / Line		in		Yield:	1.83 ft		Yield:	ft ³ / sx		
Dep		ft		Annular Bbls / Ft.:	ft	os / ft.	Annular Bbls / Ft.:			
Tool / Pack		affle		Depth: Annular Volume:	0.0 bi		Depth: Annular Volume:			
Tool Dep		73 ft		Excess:	0.0 5.	713	Excess:	0 3513		
Displaceme		.2 bbls		Total Slurry:	bl	ols	Total Slurry:	0.0 bbls		
		STAGE	TOTAL	Total Sacks:	S		Total Sacks:	0 sx		
TIME RA	TE PSI	BBLs	BBLs							
11:30 AM		-	-	On location , held safety	meeting					
			-							
			-	Hooked to 2 7/8" casing						
			-	Mixed and pumped 200#						
			-	Mixed and pumped 95 sl Flushed pump and lines		nent with 1# PS, cemen	nt to surrace			
				Dropped 1 2 7/8" rubber		laced it with 6.2 BBL of	f fresh water			
			_	Landed plug with 800 PS			i i con water			
			-	Released pressure to se						
			-	Washed up equipment						
			-							
12:30 PM				Moved locations						
		-147		1100-	<u></u>			v		
C	CRE			UNIT		Averenc Dete	SUMMAR Average Bressure			
Cement Pump Operat		rett S.		957 209	-	Average Rate 0.0 bpm	Average Pressure - psi	Total Fluid - bbls		
Pump Operat		w B		248	<u> </u>	o.o ppin	- hai	- הוחם		
Bulk		ıg G		303						

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