KOLAR Document ID: 1851044

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:	SecTwpS. R East _ West
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) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD	Producing Formation:
☐ Gas ☐ DH ☐ EOR	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW	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?
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 □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	Countv: 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:							

KOLAR Document ID: 1851044

Page Two

Operator Name:					Lease Na	ame: _			Well #:	
SecTwp	oS.	R	East	West	County: _					
open and closed, and flow rates if g	flowing and s gas to surface y Log, Final L	hut-in pressu test, along wi ogs run to ob	res, whe ith final c tain Geo	ther shut-in prechart(s). Attach	essure reache extra sheet i and Final Elec	ed stati if more ctric Lo	c level, hydrosta space is neede	tic pressures, d.		ral tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests To			Y	es No		L	og Formatio	on (Top), Dept	th and Datum	Sample
Samples Sent to	,	ırvey	Y	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs Ri	_		Y	es No es No es No						
			David		RECORD	☐ Ne				
	9	ize Hole	-	ze Casing	Weight		ermediate, product	Type of	# Sacks	Type and Percent
Purpose of Str		Drilled		t (In O.D.)	Lbs. / F		Depth	Cement	Used	Additives
	'			ADDITIONAL	. CEMENTING	3 / SQL	JEEZE RECORD	'	'	
Purpose:	To	Depth p Bottom	Туре	of Cement	# Sacks Used Type and Percent Additives					
Perforate Protect Cas Plug Back	sing	p Bottom								
Plug Off Zo										
Did you perform Does the volume Was the hydraulic	of the total bas	e fluid of the hy	draulic fra	acturing treatmen		•		No (If No	o, skip questions 2 and o, skip question 3) o, fill out Page Three o	
Date of first Produc	ction/Injection or	Resumed Prod	duction/	Producing Meth			0.1%	NI (5 ())		
,				Flowing	Pumping			other (Explain) _		
Estimated Product Per 24 Hours	tion	Oil Bl	bls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPO	SITION OF GA	S:		N	METHOD OF C	OMPLE	ETION:		PRODUCTIO	
Vented	Sold Us	ed on Lease		Open Hole	Perf.	_ ,		nmingled	Тор	Bottom
(If vented	d, Submit ACO-1	8.)				(Submit	ACO-5) (SUD	mit ACO-4)		
Shots Per Foot				Bridge Plug Set At						
TUBING RECORD): Size.	:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RedBud Oil & Gas Operating, LLC
Well Name	TWIN VALLEY ENTERPRISES A8-24
Doc ID	1851044

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	11	8.625	24	21	Portland	4	Type 1
Production	6.75	4.5	11.6	1307	Thickset	150	Pheno Seal

Thornton Air Rotary, LLC

2186 US Highway 166 Caney, KS 67333

Phone # 620-252-9243

E-Mail

Fax#

620-252-9243

thornrus@hotmail.com

Bill To

Red Bud Oil & Gas Operating, LLC 3541 CR 5400

Independence, KS 67301

Terms

543

RECEIVED FEB 2 8 2025

2/17/2025

			Due on receipt
Description	Footage/Quantity	Rate	Amount
Twin Valley Enterprises Well # A8-24 Cement Bit Maintenance Charge Twva15 AFE 25 by AD07	1,325		108.00
We appreciate the opportunity to work for you!		Total	\$12,533.00
		Payments/Credit	ts \$0.00
		Balance Due	\$12,533.00

Air Drilling Specialist Oil & Gas Wells

THORNTON AIR ROTARY, LLC Office Phone: 620-879-2073

2186 US Highwy 166 Caney, KS 67333

Date Started	2/10/2025
Date Completed	2/14/2025

	Operator		A.P.I #	County	State	
Red Bu	d Oil & Gas Operating	, LLC	15-125-32570000	Kansas		
Well No.	Lease		Section	Township	Range	
A8 - 24 Twin Valley Enterprises			24	31	14 E	
Type of Well	Driller	Cement	Surface	TD	Size of Hole	
Oil	Billy Thornton	4	21' 8 5/8	1325	6 3/4	

0-3	DIRT	780-791	SHALE
3-90	LIME	791-796	LIME
90-228	SHALE	796-820	SAND
228-234	LIME	820-902	SHALE
234-303	SHALE	902-929	LIME (PAWNEE)
303-307	LIME	929-931	BLACK SHALE
307-309	BLACK SHALE	931-933	LIME
309-312	SANDY SHALE	933-936	BLACK SHALE
312-371	SAND / WET	936-950	SHALE
333	WENT TO WATER	950-953	SAND
371-382	LIME	953-997	SHALE
382-425	SHALE	997-1022	LIME (OSWEGO)
425-428	LIME	1022-1032	BLK SHALE (SUMMIT)
428-433	LMY SHLE	1032-1042	LIME
433-460	LIME	1042-1049	BLK SHALE (MULKY)
460-473	LMY SHALE	1049-1054	LIME
473-516	LIME	1054-1097	SHALE
516-518	BLACK SHALE	1097-1099	LIME
518-535	LIME	1099-1103	BLACK SHALE
535-555	SAND	1103-1145	SHALE
555-575	SANDY SHALE	1145-1146	COAL
575-600	SAND	1146-1167	SHALE
600-632	LIME	1167-1181	SAND / LIGHT ODOR
632-659	SHALE	1181-1190	SHALE
659-675	LIME	1190-1195	SANDY SHALE
675-693	BLACK SHALE	1195-1205	SHALE
593-723	SHALE	1205-1209	SAND / LIGHT ODOR
723-745	LIME	1209-1210	COAL
745-769	SHALE	1210-1325	SHALE
769-780	LIME	1325	TD



RECEIVED MAR 2 0 2025

Remit To: Hurricane Services, Inc.

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

Customer:

REDBUD OIL & GAS OPERATING LLC

3541 CR 5400

INDEPENDENCE, KS 67301

Invoice Date:

Invoice #:

3/3/2025 0382577

Lease Name:

Twin Valley Enterprises '

Well #: County:

8-24 (New) Montgomery, Ks

Job Number:

EP16593

District:

Eureka

Date/Description		HRS/QTY	Rate	Total
ongstring		0.000	0.000	0.00
Depth Charge 1001'-2000'		1.000	1,500.000	1,500.00
leavy Equipment Mileage		55.000	4.000	220.00
ight Eq Mileage		55.000	2.000	110.00
on Mileage	<u>. </u>	452.240	1.500	678.36
842 Thickset	TW Va 15 AFE 2504 9308	150.000	27.500	4,125.00
neno Seal	ATE OTHER	300.000	1.750	525.00
entonite Gel	TITE 250M	500.000	0.450	225.00
ulls	9308	1.600	50.000	80.00
1/2" Rubber Plug		1.000	75.000	75.00
ansport 130bbl	Mr. S. S	4.000	135.000	540.00
cuum Truck 90bbl	4 - V	4.000	100.000	400.00
esh Water		6,000.000	0.020	120.00
ervice Supervisor		1.000	275.000	275.00

Total	8,873.36

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% 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.

SALES TAX: 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.



Castomer	RedBud Oll & Gas	Operating, LLC	Lease & Weil e Twin Valley A #8-24					Date	3	3/3/2025	
Service District	Euraka		County & State	Montgomery, K	S Legals S/T/R			Job#			
Бор Турк	Longstring	☑ PROD	☐ INJ	SWD	New Well?	✓ YES	☐ No	Traket #	E	P16593	
Equipment #	Driver			Job Safety A	nalysis - A Discus	sion of Hazarda	& Safety Pr	ocedures			
1008	David	☑ Hard hat		✓ Gloves		Lockout/Ta	agout	☐ Warning Sign	ns & Flagging	g	
1203	Broker	✓ H25 Monitor		Eye Protection	n	Required F	ermits	Fall Protection	on		
1213	Trey	☑ Safety Footwo	ear	Respiratory F	Protection	✓ Slip/Trip/F	all Hazards	☑ Specific Job	Sequence/Ex	pectations	
137-131	Jake	FRC/Protectiv	e Clothing	Additional C	nemical/Acid PPE	Overhead	Hazards	✓ Muster Point/Medical Locations			
128	Danny	Hearing Prote	ection	Fire Extinguis	her	Additional	concerns or i	issues noted below			
						nments					
		RTD - 1325'	, 6 3/4" Well	bore. 4 1/2" 1	10.50# Casing	set @ 1307	"GL.				
Product: Service Code		Dosci	iption		tion of Measure	Gosotity				Not Amount	
D012	Dopth Charge: 1001		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		job	1.00		1		\$1,500.00	
M010	Heavy Equipment M				m	55.00				\$220.00	
M015	Light Equipment MII	eage			mi	55.00				\$110.00	
M020	Ton Mileage				tm	452.24				\$678.36	
CP063	H842 Thickset				sack	150.00		\$4,125			
CP125	Pheno Seal			lb	300,00		\$52				
CP095	Bentonite Gel				(b	500.00			\$225.00		
CP165	Cotlonseed Hulls				lb	80.00			\$80.00		
FE115	4 1/2" Rubber Plug				ea	1,00	W			\$75.00	
T030	Transport - 130 bbl				hr	4.00				\$540.00	
Г025	Vacuum Truck - 90 l	bbl			hr	4.00				\$400.00	
AF080	Fresh Water				gal	6,000.00				\$120.00	
							-				
R061	Service Supervisor				day	1.00				\$275.00	
									5		
Guste	mer Section: On inc	(otowing state be	ew would you belo	Funcción Savoiro	Street				Net:	\$8,873.36	
		State of the latest th	W_1/2			Total Taxable	s	Tax Rate:	NBC:	\$8,873.36	
ниниции. На	sed on this job, how		ould recommend		ie? I(word+Ottro)	State lax laws der	to be sales to the customer p to make a dete	ucts and services exampt. Humcane provided well	Sale Tax:	\$ 5,873.36	
						HSI Representative: David Gardner					

TERMS: Cash in advance unless Humann Services line. [HS] has apartoved creat prior to sale. Credit terms of sale for approved accounts are total invoked due on or before the 30th day from the date of moves. Past due accounts shall pay interest on the befance 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 aftering 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 simulated for such participations. Prices quote are selfmants 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 seasod on 30 days and payment terms or cash. DiscLammer NOTES: Tochnical data is resented in good folds, but no warrently is stated or mplied. 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 fluire production performance. Customer appresents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational course well information in determining taxable services.



MEN	IT TRE	ATMEN	TREPO	ORT								
Customere RedBud Oil & Gas Oper		as Operatir	g, LLC Well:	Twin Valley A #8	3-24 Ticket:	EP16593						
City, State: Independence, KS			KS	County:	Montgomery	Date	3/3/2025					
Field Rep: Mugger					S-T-R:		Service:	Longstring				
Dov	wnhole i	nformatio	on .		Calculated Stur	ry - Load	Calc	ulated Slurry - Tail				
Hole Size: 6 3/4 in			in			842,2#Phenoseal	Blend:	diated Sibiry Tall				
Hole Depth:		1325 ft			Weight:	13.7 ppg	Weight:	ppg				
Casing Size:		4 1/2 in			Water Sx	gal / sx	Water Sx:	gal / sx				
Casing Depth:		1307 ft		Yield		1.72 ft ³ / ex	Yield:	ft³/sx				
Tubing Liner:		in		Annular Bbls Ft.		bbs / ft.	Annular Bbis Ft.:	bbs / ft.				
	Depth:	ft			Depth:	ft	Depth:	ft				
Tool (F	Packers				Annular Volume:	0.0 bbis	Annular Volume:	0 bbls				
	Depth:	ft			Excess.		Excess:					
Displac	ement:	21.3 bbls STAGE			Total Slurry	46.0 bbis	Total Slurry:	0.0 bbls				
TIME	DATE			TOTAL BBLs	Total Sacks:	150 sx	Total Sacks:	0 sx				
111/16	RATE	PSI	BBLs		REMARKS							
	4.0	100.0	50.0	50.0	Safety Meeting:	vash head I oed caelno w/ 20	hhi frosh water Wash dawn lant	t joint w/ 30 bbl fresh water. Shut do				
	1	.00.0	20.0	50.0				LIONN WI SO DOI HESTI WALEE. SHUL GOV				
	4.0	100.0	10.0	60.0	Rig up to 4 1/2" Casing set @ 1307' GL w/ Head & Manifold. Break circulation w/ 10 bbl fresh water.							
				80.0	Mixed 500# Gel Flush w/ 80# Cottonseed Hulls w/ 20 bbl fresh water.							
					Pump 10 bbl fresh water spacer.							
					Mixed 150 sks Thick Set Cement w/ 2# Phenosesi/sk @ 13.7 ppg, yield 1.72 = 46 bbl slurry.							
136.0 Wash out pump & lines. Shut down. Release plug.												
	5.0	800.0	21.3	157.3	Displace plug to seat w/ 21.	Displace plug to seat w/ 21.3 bbl fresh water.						
157.3 Final p					Final pumping pressure of	700 psi. Bump plug to 1200 ps	i. Shut down. Walt 2 mins. Relea	ase pressure.				
	157.3 F				Float and plug held. Shut in w/ 0 psi. Good cement returns to surface = 6 3/4 bbl slurry to pit. Annulus standing full of cement.							
				157,3								
				157.3	Job complete. Rig down.	lob complete. Rig down.						
			-	157.3								
			-	157.3								
			-	157.3								
				157.3 157.3				1121				
				157.3								
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		Ī		157.3								
				157.3								
				157.3								
				157.3								
		CREW			TINU		SUMMARY					
Cementer		David			1006	Average Rate	Average Pressure	Total Fluid				
Pump Operator		Broker			1203	4.3 bpm	250 psi	157 bbls				
Brick #1		Trey			1213							
В	culk #2	Jake			137-131							



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

REDBUD OIL & GAS OPERATING LLC 3541 CR 5400 INDEPENDENCE, KS 67301

Invoice Date:

3/19/2025

Invoice #:

0382819

Lease Name:

Twin Valley Enterprises

Well #: County:

Montgomery, Ks

Job Number:

District:

EP16776 East

Date/Description	HRS/QTY	Rate	Total
Frac	0.000	0.000	0.00
Heavy Eq Mileage	180.000	2.600	468.00
Light Eq Mileage	60.000	1.300	78.00
Ton Mileage	600.000	0.975	585.00
Combo Unit	1.000	1,950.000	1,950.00
Sand Truck	1.000	325.000	325.00
Data Acquisition Unit	1.000	650.000	650.00
Acid Spot	1.000	390.000	390.00
Fransport - 130 bbl	18.000	135,000	2,430.00
20/40 Frac Sand	1,500.000	0.208	312.00
2/20 Frac Sand	18,500.000	0.208	3,848.00
Ball Injector	1.000	65.000	65.00
RCN Balls 1.3 SPG .78IN	25.000	1.300	32.50
5% HCL	150.000	1,560	234.00
nhibitor	1.000	32.500	32.50
P 955 Iron control	1.000	19.500	19.50
AicroSurf 1	1.000	26.000	26.00
Clay Stabilizer-CS-702	1.000	26.000	26.00
iocide	5.000	26.000	130.00
CL-CS701	17.000	19.500	331.50
furrigel 907	102.000	26.000	2,652.00

Location _____ AFE# : Prois 15 _____AFE

Continued

Subjeature# / Description _

Foreman



Remit To: Hurricane Services, Inc.

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

Customer:

REDBUD OIL & GAS OPERATING LLC

3541 CR 5400

INDEPENDENCE, KS 67301

Invoice Date:

3/19/2025

Invoice #:

0382819

Lease Name:

Twin Valley Enterprises

Well #:

County: Job Number: Montgomery, Ks EP16776

District:

East

Date/Description	HRS/QTY	Rate	Total	
Liquid Enzyme Breaker	4.000	65.000	260.00	
Fresh Water	16,232.000	0.013	211.02	

15,056.02 **Total**

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% 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.

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Gustomer	Red Bud Operation	9	Lease & Well #	Twin Valley A8				Date	3/	/19/2025		
Service District	Thayer, KS		County & State	MG Co. KS	Legals S/T/R			Job.₫				
lob Type	Frac	✓ PROD	☐ INJ	SWD	New Well?	✓ YES	☐ No	Ticket#	E	P16776		
Equipment #	Driver			Job Safety Ana	alysis - A Discuss	ion of Hazards	& Safety Pro	oçedures				
948/850	Jake M.	☑ Hard hat		✓ Gloves	☐ Lockout/Tagout			Warning Signs & Flagging				
139/801	Ryan H.	✓ H2S Monitor		✓ Eye Protection		✓ Required Permits		Fall Protection				
820	Josh M.	☑ Safety Footwe	ar	☑ Respiratory Pro	ntection	Slip/Trip/Fa	Specific Job Sequence/Expectations					
815	Richard M.	✓ FRC/Protective	e Clothing	☑ Additional Che	mical/Acid PPE	Overhead Hazards ✓ Muster Point/Medical Locations						
137/128	Colton B.	✓ Hearing Prote	ction	Fire Extinguish	er	Additional concerns or issues noted below						
541/131	Clay S.				Con	omments						
542/132	Ethan T.											
929	Brett B.											
Product: Service Code		Descri	ntion		Unit of Measure	Quantity				Washing Co.		
m010	Heavy Equipment M	The Section 1	Ellinii.		m	180.00				Net Amount \$468.00		
m015	Light Equipment Mil	- The state of the			mı	60.00				\$78.00		
m020	Ton Mileage				lm	600.00				\$585.00		

f010	Combo Unit				98	1,00				\$1,950.00		
f020	Sand Truck				day	1.00		\$32				
f050	Data Acquisition Uni	it			ea	1.00			\$650.0			
a055	Acid Spot				ea	1.00			\$390.00			
1030	Transport - 130 bbl				hr	18.00			\$2,430.00			
af010	20/40 Frac Sand				cwt	15.00			\$312.00			
af020	12/20 Frac Sand				cwt	185.00			\$3,848.00			
a1205	Ball Injector				ea	1.00		\$65.				
af215	Rubber Ball Sealer 7	7/8" - 1 3 Specific G		88	25.00				\$32.50			
1100	15% HCL				gal	150,00				\$234.00		
af120	Acid Inhibitor				gal	1.00						
af130	Iron Control				gai	1.00				\$19.50		
af155	MicroSurf 1				gal	1.00				\$26.00		
af145	Permanent Clay Stat	bilizer		gal	1.00			\$26.00				
	Biocide				gal	5.00			\$130.0			
	Liquid KCL Substitut	e			gal	17.00			\$331.5			
	Hurrigel 907		gal	102.00			\$2,652.00					
	Liquid Enzyme Break	cer		gal	4.00			\$260.00				
100	Fresh Water gal stomer Section: On the following scale how would you rate Humanie Services inc.?									\$211.02		
Gusto	ner section (in the	TOROWING HOME: 1504	www.wo.you.rate.x	numerine Services (nc.Y				Net:	\$15,056.02		
Bas	sed on this job, how	likely is it you we	ould recommend	HSI to a colleague	?	Total Taxable State tax laws dee	S +	Tax Rate:	Cala T			
340						used on new wells	to be sales tax	exempt Hurricane	Sale Tax:	S *		
						Services relies on information above	to make a dete	rmination if				
alminiminikoko	patrijihr 1 2 3	4 5	6 7 8	9 10 н(п	lap hold (Citta)	services and/or pro	oducts are tax o	эхөлтрі.	Total:	\$ 15,056.02		
						HSI Represe	ntative:	Jake Mudle	:			
ERMS; Cash in advan	ce unless Humcane Ser	races Inc. IIISO has a	pproved credit proc!	o sala. Could terms at	sale to areaward or					Inches Past due		

TERMS: Cash in advance unless Humann 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 V% per month or the maximum allowabile by applicable state or federal laws. In the event it is necessary to employ an agency addor attorney to affect the collection. Customer hereby agrees to pay agries to pay agries to pay all fees directly or indirectly incurred for such collection in the event that Customer's account with HSI becomes definiquent, HSI has the right to revoke any discount specifically 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 regallios and statel price adjustments. Actual charges may vary depending upon time, equipment, and material utilimately 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 failt, 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, I kiewise, 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 Humann and the property while HSI is not location perfo



STIMUL	ATIO	N TREA	TMEN	T REPOR	RT.			The second		
Cus	tomer:	Red Bu	d Opera	ating		Well:	Twin Valley A8	Ticket:	EP16776	
City,	State:					County:	MG Co. KS	Date:	3/19/2025	
Field Rep:						S-T-R:		Service:	Frac	
Day	unholo (Informati				Carr	34			
						Capa			atment Fluid	
Formation: Cattlemen			1		g / Tubing:	bbis/ft	Product	GPT Gal		
Casing: 4 1/2 In			-	Disp	lacement:	18.5 bbls	Water			
Tubing: in					Pressur		Gel	102.0		
Treatment Via:					Iron Test:	3,000 psi	Xlink			
	Pertor	- HIII - COS			Max	Pressure:	3,000 psi	KCI	17.0	
	p Perf:	1169				Proppa	nt (#)	Biocide	5.0	
	Bottom Perf: 1209 ft				20/40	1,500	12/20 18,500	Surfactant		
Shots Per	r Foot:	3	spf		16/30	4	8/12 -	Breaker	4.0	
Total	Shots:	40	shots			Divers	sion	Acid	150.0	
					Salt		Balls 25			
				Stage	Stage	Total				
Time	Rate	PSI	PPG	Pounds	BBLs	BBLs		Remarks		
					•	3.5	Spot 150 gallons of 15% a	cid		
		1,280			2.0	5.5	Break down well			
	5.0	675			2.0	7.5	Stage acid			
	20.0	800			50.0	57.5	Start gel pad			
		775	0.50	500.0	23.8	81.3	Start 20/40 sand			
		780	1.00	1,000.0	23.8	105.1				
		800	1.50	1,500.0	23.8	128.9	Start 12/20 sand			
		790	2.00	3,000.0	35.7	164.6				
		790	2.50	4,000.0	38.1	202.7				
		820			191	202.7	Drop 15 balls			
		800	2.50	1,000.0	9.5	212.3				
		800	3.00	4,000.0	31.7	244.0				
		1,320			2.	244.0	Drop 10 balls			
		1,300	3.00	5,000.0	39.7	283.7				
		1,290			28.0	311.7	Flush to perfs + 10 BBL			
		620			-	311.7	ISIP			
		520				311.7	5 Minute shut in			
		500			-	311.7	10 Minute shut in			
		490				311.7	15 Minute shut in			
CREW			UNI	т		SUMMARY				
Freater / Foreman		Jake M.			948/850		Average Rate (bpm)	Max Rate (bpm)	Total Proppant (#)	
Pump Operator		Ryan H.			139/801		12.5	20.0	20000	
Sand		Josh M.			820		Average PSI	Max Pressure (psl)	Total Load (bbis)	
	Nater	Ri	chard M.		815		842	1320	312	
	Acid	Co	oiton B.		137/128					

ftv: 15-2021/01/25 mplv: 490-2025/03/19

