Kansas Corporation Commission Oil & Gas Conservation Division

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & L

September 1999 Form Must Be Typed

EASE	CONTE	DEVILVE
	LUNFI	DENTIAL

Operator: License # 30606 CONFIDENTIAL	API No. 15 - 193-20762-0000
Murfin Drilling Company Inc	County: Thomas
Address: 250 N. Water, Suite 300	NE_SW_SE_Sec. 16 Twp. 10 S. R. 34 ☐ East ✓ West
City/State/Zip: Wichita, Kansas 67202	450 FSL feet from S/ N _, (circle one) Line of Section
Purchaser: MV Purchasing RECEIVED	2200 FEL feet from (E) W (circle one) Line of Section/
Operator Contact Person: Leon Rodak AUG 17	Footages Calculated from Nearest Outside Section Corner:
2000	(circle one) NE SE NW SW
Phone: (316) 267-3241 Contractor: Name: Murfin Drilling Company, Inc. CC WCHITA	Lease Name: SS Well #: 2-16
License: 30606	Field Name: Wildcat
Wellsite Geologist: Tom Funk	Producing Formation: Johnson
Designate Type of Completion:	Elevation: Ground: 3229 Kelly Bushing: 3234
New Well Re-Entry Workover	Total Depth: 4855 Plug Back Total Depth: 4855
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 261 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes ☐ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2736 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2736
Operator:	feet depth to 0 w/_255 sx cmt.
·	
Well Name:	Drilling Fluid Management Plan AH II NJ9-1877 (Data must be collected from the Reserve Ph)
Original Comp. Date: Original Total Depth: Deepening Re-perf Conv. to Enhr./SWD	
	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
04/28/09	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulationerein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: LEIBE	KCC Office Use ONLY
Title: Leon Rodak VP Production Date: 08/14/02 COTAR	Letter of Confidentiality Received
to A S	│ If Denied, Yes ☐ Date:
Subscribed and sworn to before me this 4 day of 1 4 day of 1	Wireline Log Received
200	Geologist Report Received
Notary Public PUB	UIC Distribution
Data Commission Evaluated (1) (DOI)	F KANDAR

Side Two

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AUG 1 4 2009

Operator Name: Mul	rfin Drilling Comp	any, Inc.		Leas	se Name:	SS	•.	Well #: <u>2-1</u>	6	
	0S. R. <u>34</u>		✓ West	Coun	nty: Thom	as	KCC			
ested, time tool oper emperature, fluid red	now important tops a n and closed, flowing covery, and flow rate s surveyed. Attach f	g and shut-ir s if gas to su	n pressures, urface test, a	whether along with	shut-in pre	ssure reache	ed static level, hyd	rostatic pressu	res, bottom	hole
Orill Stem Tests Take (Attach Additional		✓ Yes	☐ No		VL	og Form	ation (Top), Depth	and Datum	□s	ample
Samples Sent to Ge	ological Survey	✓ Yes	No		Nam	e		Тор	D	atum
ores Taken		Yes	✓ No							
lectric Log Run (Submit Copy)	•	✓ Yes	□No			055.4	ATTACHED LIGT			
ist All E. Logs Run:						-	ATTACHED LIST			
Electronically I	E-mailed:					RE	CEIVED			
•	, Compensate	d Porosit	Σy,			AUG	17 2009			
		Report		RECORD		ermediate, prod	VICHITA duction, etc.			
Purpose of String	Size Hole Drilled		Casing In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used		nd Percent Iditives
Surface		8 5/8		23#		261	Common	185	3% сс,	2% gel
Production		5 1/2		15.5#		4851	AA-2	225		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom		ADDITIONAl	T	TING / SQU	JEEZE RECO		Percent Additive	es es	
Shots Per Foot		ON RECORD			De	Acid,	Fracture, Shot, Ceme (Amount and Kind of		ord	Depth
4	4346 - 4356 LK	C "I"				250 gal 1	5% MCA, 750 g	al 15% NEF	E	
4	4610 - 4614 My	rick Station	1	4 A A A 16 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 .		250 gal 1	5% MCA, 750 1	5% NEFE		
4	4702 - 4717 Joh	nson JN,	4721 - 472	23 Johns	son ZN	750 gal 1	5% MCA, 2000	gal 15% NE	FE	
TUBING RECORD	Size	Set At		Packe	r At	Liner Run				
	3/8	4735	Producing Ma	thad			Yes V			
Date of First, Resume 06/25/09	rd Production, SWD or I	=nnr.	Producing Me	uilou	Flowin	g 📝 Pu	mping Gas	Lift Otl	her (Explain)	
Estimated Production Per 24 Hours	0il 12	Bbls.	Gas	Mcf	Wat 0	er	Bbis.	Gas-Oil Ratio	2	Gravity
Disposition of Gas	METHOD OF	COMPLETION	١		I	Production I	nterval	1.54		
Vented Sold	Used on Lease ubmit ACO-18.)		Open Hole	حت ا	erf. 🔲 I	Dually Comp.	Commingled			

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AUG 1 4 2009

							<u>'</u>	
	. ,		SS	#2-16			Towns	A #1-21
			450 FSL	. 2200 FEL			330 FNL	1550 FEL
			Sec. 16-1	10S-R34W			Sec. 21-T	10S-R34W
			KB	3234'			KB 3	3236'
Formation	Sample Top	Datum	Ref	Log Tops	Datum	Ref	Log Top	Datum
Anhydrite	2739	+495	+1	2736	+498	+4	2742	+494
B/Anhydrite	2767	+467	+1	2764	+470	+4	2770	+466
Topeka	3897	-663	+2	3898	-964	+1	3901	-665
Heebner	4119	-885	-3	4117	-883	-1	4118	-882
Lansing	4160	-926	-1	4161	-927	-2	4161	-925
Stark	4383	-1149	+1	4383	-1149	+1	4386	-1150
BKC	4455	-1221	+1	4457	-1219	+3	4458	-1222
Marmaton	4469	-1235	+1	4469	-1235	+1	4472	-1236
Up Pawnee	4576	-1339	+1	4572	-1335	+5	4576	-1340
Ft. Scott	4629	-1395	-1	4628	-1394	+2	4632	-1396
Cherokee	4658	-1424	+1	4658	-1424	Flat	4660	-1424
Johnson Zn	4692	-1458	Flat	4693	-1459	-1	4694	-1458
Mississippi	4797	-1563	-12	4806	-1572	-21	4787	-1551
LTD				4854	-1620		4870	-1634
RTD	4855	-1621					4862	

RECEIVED AUG 17 2009 KCC WICHITA



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice: Fax:

(785) 483-3887 (785) 483-5566

Bill To:

Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

CONFIDENTIAL

AUG 1 4 2009

KCC

Invoice Number: 118750

Invoice Date: Apr 28, 2009

Page:

PROD COPY

Customer ID	Well Name # or Customer P.O.	Paymen	t Terms
Murfin	SS #2-16	Net 30	Days
Les Job Location	Camp Location	Service Date≱**	. → Due Date
KS1-01	Oakley	Apr 28, 2009	5/28/09

رة ، Quantity	1	1.7.4	tem 🦙	16 m/ g			Descrip	tion,	ort in the	∰ Unit Price	::Amo	unt 🤚 📜
18	5.00	MAT		Clas	s A Co	mmon				15.45		2,858.25
	4.00	MAT		Gel						20.80		83.20
	7.00	MAT		Chlo	ride					58.20	2	407.40
19	6.00	SER		Hand	dling		•			2.40		470.40
2	0.00	SER		Milea	age 19	6 sx @.	10 per sk p	per mi RECEI		19.60		392.00
	1.00	SER		Surfa	ace		•	KECE	VED	1,018.00		1,018.00
2	0.00	SER		Milea	age Pu	mp Truc	k	AUG 1,7		7.00		140.00
1	1.00	SER		Mani	ifold He	ead Ren	tal	יי טטר	2009	113.00		113.00
	1.00	EQP		Surfa	ace Plu	ıg		KCC WIC	CHITA	68.00		68.00
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			Accour	nt -	Unit Rig	<u>V</u>	No.	Amount	De	scription		,
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						2		(1942.5	8)	·		F FF0 25

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE

⊱May 28,¦2009∰

Subtotal 5,550.25 Sales Tax 215.26 **Total Invoice Amount** 5,765.51 Payment/Credit Applied

ALLIED CEMENTING CO., LLC. 043910

REMIT TO FO. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:

	1.1	
	KLey	
()7	-, - /	

CONFIDENTIAL AUG 1 4 2009

DATE 4-28-09	SEC.	TWP.	RANGE	w	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	KCC
		2-16			nument	٠,١٠٠/	COUNTY	STATE,	-
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HOLE SIZE	12/4	T.D.	211	7	CEMENT				
CASING SIZE	8/3/8		TH 2C.	1	AMQUNT OI	RDERED 185	5/55 Co	m 38666	
TUBING SIZE		DEP			2%9.	el			
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TOOL		DEP				مرام سؤمة ا	- 9.54 5.66	ه وصری پید	
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PERFS.	000.		· · · · · · · · · · · · · · · · · · ·		CHLORIDE_		@ <u>58/20</u>		
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				-			_@		
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	DRIVER		OHHIX	<u>۔ </u>	<u> </u>		@		
BULK TRUCK # D	RIVER						@		
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To Allied Cementi	_					· · · · · · · · · · · · · · · · · · ·	_@ @	·	
You are hereby rec									
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	X	1111		+	ž.,				



P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



Invoice

DATE	INVOICE#
5/12/2009	15943

BILL TO

Murfin Drilling Co Inc - Russell P. O. Box 288 Russell, KS 67665-0288

CONFIDENTIAL

AUG 1 4 2009 · Acidizing

KCC

• Cement

• Tool Rental

		,								
TERMS	Well No.	Lease	County	Contractor	Wel	І Туре	W	ell Category	Job Purpose	Operator
Net 30	#2-16	SS	Thomas	Company Tools		Oil	D	evelopment	Cement Port Col	lar Nick
PRICE F	REF.		DESCRIPT	TION		QΤ	Y	UM	UNIT PRICE	AMOUNT
575D 576D-D 279 330 276 581D 583D	M Pi Be Si Si Si	lileage - 1 Way Imp Charge - Port entonite Gel wift Multi-Density locele ervice Charge Cem rayage ubtotal ales Tax Thomas C	Collar - 2734 I Standard (MII nent	Feet	IVEI 7 20 CHI	0	50 1 10 255 50	Miles Job Sack(s) Sacks Lb(s) Sacks Ton Miles	5.00 1,100.00 20.00 14.00 1.50 1.50 1.00	250.00 1,100.00 200.007 3,570.007 75.007 600.00 978.00 6,773.00 242.24
We A	pprec	iate Your	Busines	ss!				Tota		\$7,015.24



CHARGE TO:	Murfin	Drla C	o, Fre	
ADDRESS	1	0		
CITY STATE	7ID CODE			

TICKET

Nº 15943

OF	
1 1	
	OF /

SERVICE LOCATIONS	TWELL/P	ROJECT NO.	LEASE		COUNTY/PARISH	STATE	CITY			DATE	E	OWN	ER	
SERVICE LOCATIONS 1. Hays KS	,	#2-1	, I	55	Thomas	Ks				مح	-12-09	<u>L</u> .	Same	2
2. Ness Cit	TICKET	TYPE CONTRAC		1	RIG NAME/NO.		DELIVERED TO Local	Li		ORD	ER NO.			
3	WELL T				JOB PURPOSE N	(/ //	WELL PERMIT N			WEL	LOCATION			
4.		oil	Dev	elapment	Cement Part	Collar	1		·					
REFERRAL LOCATION	INVOIC	E INSTRUCTIONS		,										
PRICE REFERENCE	SECONDARY REFER	3 a = 1.0C	ACCOUNTING DE		DESCRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE		AMOUNT	
575	CONFIDE	NTIA		MILEAGE #	7//	_	50	mi			سی	00	250	00
576D	AUG.14	2009 7		Punc	Charae (Port	Collar)		PA	2734	1	1100	ea	1100	00
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583		2	-	Dravag	1-e	1	978	M				00	978	00
	Customer hereby ac	knowledges ar	nd agrees to	1 8		SU	RVEY	AGR	DECIDED	DIS- AGREE	PAGE TOTA	Δι		
	nditions on the reverse			REMIT	PAYMENT TO:	OUR EQUIPMEN WITHOUT BREA	IT PERFORMED				TAGE TO !!	-	6773	00
but are not limite	ed to, PAYMENT, RE	LEASE, INDEI	MNITY, and			WE UNDERSTO MET YOUR NEE	OD AND							ļ
LIMITED WARF	RANTY provisions.			SWIFT S	SERVICES, INC.	OUR SERVICE V				†				<u> </u>
MUST BE SIGNED BY C	CUSTOMER OR CUSTOMER'S	S AGENT PRIOR TO	·		D. BOX 466		THE EQUIPMENT ED JOB	1			Thom	3 5		1
						CALCULATIONS	} LY?				tax c.3	70	242	1,24
X DATE SIGNED	TIME SIG	AST .			CITY, KS 67560		FIED WITH OUR S	ERVICE	? NO					
5-/2	2-09 TIME SIC	1500	12 A.M. 22 P.M.	78	5-798-2300	□ CI	JSTOMER DID NO				TOTAL		7015	124
		CUSTOMER AC	CEPTANCE OF	MATERIALS AND SE	RVICES The customer hereby ac	i i				his ticket.	<u> </u>			
SWIFT OPERATOR		1/	APPR										Thank?	You!

SWIFT Services, Inc.

DATE C 12-09 PAGE NO

JOR FC					JWIII	5000	1000, 1100,
CUSTOMER	in Drlg	Co Inc.	WELL NO. #	2-16	LEASE	5,5,	Cenent Port Collar TICKET NO. 15943
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSUR TUBING	E (PSI)	. DESCRIPTION OF OPERATION AND MATERIALS
	1300						onloc set up Trk
							CONFIDENTIAL
						ļ	2/ x 4/2 All 1 1 000
							Port Collar 2734' KCC.
•						<u> </u>	
	1315					1000	Test Casing
						ļ	Take injection rate
	1325	4	-5		300		Take injection rate
	1330	4	0		300	<u>.</u>	Start Grl
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	144	4	135/0		800	<u> </u>	kid Coment Start Visplacement
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*		<u> </u>				 	Close P.C.
	1415					1000	
	1418				+	1000	River C't
	1425	3	0			150	Rest Casing Ren 5'ts Reverse out
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				+			
	1	. 1					



PAGE CUST NO INVOICE DATE 1 of 1 1002852 05/07/2009

INVOICE NUMBER

1717 - 90020398

Liberal

(620) 624-2277

B MURFIN DRILLING

I PO Box: 288

L RUSSELL

KS US 67665

o ATTN:

LOCATION

LEASE NAME

ss #2-16 CONFIDENTIAL

COUNTY

Thomas

AUG 1 4 2009

STATE

JOB DESCRIPTION T

Cement-New Well Casing/Pi

JOB CONTACT

### A0028267 27808E1-0 QTY U of MM Net - 30 days 06/06/2009	JOB #	EQUIPMENT #	DIIDCHACE	OPDER NO		T	DVG	
Proceedings Proceedings Process Proces	n	-Karrimut #	FURCHASE	ORDER NO.		TE	KMS	DUE DATE
March Marc	40028267	27808E1-0				Net -	30 days	06/06/2009
171700112A Cement-New Well Casing/Pi 05/06/2009 AA2 Salt tifline) FLA-115 Cello-flake CAF 38 Defoamer Gilsonite Super Flush II Cosing Swivel Rental Auto Fill Float Shoe - 4 1/2" Centralizer - 4 1/2" Cement Seratchers Cement Port Collar - 4 1/2" CT. Threadlock Compound Kit Heavy Equipment Mileage Blending & Mixing Service Charge Propart and Bulk Delivery Charge Depth Charge - 4001-5000' CAF, Pickup or Van Mileage Service Supervisor Charge Plug Container Charge PURS CONTAINER APPROVED 275.00 EA 9.10 2,502.48 9.10				QTY		UNIT	PRICE	INVOICE AMOUNT
171700112A Cement-New Well Casing/PI 05/06/2009 AA2 Selt (fine) FLA-115 Cello-flake CAF 38 Defoamer Gilsonite AUG 1 7 2009 Casing Swivel Rental Auto Fill Float Shoe - 4 1/2" Latch Down Plug & Baffle - 4 1/2" Cement Port Collar - 4 1/2" Cement Stratchers Cement Port Collar - 4 1/2" Cement Stratchers Cement Port Collar - 4 1/2" Cement Basket - 4 1/2" Cement Basket - 4 1/2" Cement Basket - 4 1/2" Cement Stratchers Cement Port Collar - 4 1/2" Cement Basket - 4 1/2" Cement Stratchers Cement Port Collar - 4 1/2" Cement Stratchers Cement Stratchers Cement Port Collar - 4 1/2" 1.00 EA 1943.00 1.00 EA 1943.00 1.00 EA 1943.00 1.00 EA 17.00 1.00 EA	For Service Date	s: 05/06/2009 t	o 05/06/2009				•	
Salt (fine) FLA-115 Cello-flake CAF 38 Defoamer Gilsonite Super Flush II Casing Swivel Rental Aut Fill Float Shoe - 4 1/2" Latch Down Plug & Baffle - 4 1/2" Centralizer - 4 1/2" Basket - 4 1/2" Cement Scratchers Cement Port Collar - 4 1/2" Cement Port Collar - 4 1/2" Threadlock Compound Kit Heavy Equipment Mileage Blending & Mixing Service Charge Proppant and Bulk Delivery Charge Depth Charge - 4001'-5000' Car, Pickup or Van Mileage Service Supervisor Charge Plug Container Charge Plug Container Charge VSED FOR APPROVED Threadlock Compound Kit 1.430.00 EA 1.430.00 EA 1.430.00 EA 1.430.00 EA 1.85.00 EA 0.25 357.6 EA 0.24 0.34 460.63 5500.00 EA 0.77 382.56 1.00 EA 100.00 100. 100. EA 1100.00 1100. EA 115.00 EA 115.00 EA 135.00 135. 120.02 EA 165.00 165. 185.00 EA 155.00 EA 1	0040028267							
Salt (fine) FLA-115 Cello-flake CAF 38 Defoamer Gilsonite CAF 38 Defoamer Gilsonite Super Flush II Casing Swivel Rental Auto Fill Float Shoe - 4 1/2" Letch Down Plug & Baffle - 4 1/2" Centralizer - 4 1/2" Basket - 4 1/2" Cement Scratchers Cement Fort Collar - 4 1/2" Centralizer - 4 1/2" 1:.00 EA 185.00 185.00 185.00 185.00 EA 135.00 EA 135.00 185.00 EA 135.00 EA 135.00 185.00 EA 125.00 EA 125.00 110.00 EA 135.00 EA 125.00 EA	171700112A C	ement-New Well Cas	ing/Pi 05/06/2009					
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PLEASE REMIT TO:

SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP
PO BOX 841903 PO BOX 10460
DALLAS, TX 75284-1903 MIDLAND, TX 79702

SUB TOTAL

12,322.30

TAX INVOICE TOTAL

335.84 12,658.14

PRESSURE PUMPING & WIRELINE

FIELD SERVICE TICKET

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1700 S. Country Estates Rd.	
P.O. Box 129	
Liberal, Kansas 67905	
Phone 620-624-2277 -	
CONFIDENTIAS-6-09 DA	ΓE

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SERVICE REPRESENTATIVE EVIK Charact THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

. (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



1700 S. Country Estates Rd. P.O. Box 129 Liberal, Kansas 67905 Phone 620-624-2277

FIELD SERVICE TICKET

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SERVICE REPRESENTATIVE CILL Should THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



CONFIDENTIAL

TREATMENT REPORT

PIPE DATA PERFORATING BATA FLUID USED TREATMENT RESUME Casing Size Tubing Size Shots/Ft Acid RATE PRESS ISIP Depth From To Pre Pad Min Max Max Shin. 10 Min 10 Min. 110 Min. Max Reses Max Press From To Prom To Frac Avg 15 Min. HHP Used Annulus Vol. From To Flush Gas Volume Total Load Customer Representative Buck Salis Service Units 1902 The pressure Treater Casing Time Pressure Pressure Bobs. Pumped Rate Service Log Curular te well Fro Job Salis Meetic 9'24 9'24 9'24 7'34 Tester Trester Curular te well Fro Job Salis Meetic Trect Trect Service Log Curular te well Fro Job Salis Meetic Trect Trect Trect Treater Curular te well Fro Job Salis Meetic Trect Trect Trect Trect Trect Trect Trect Treater Tre	
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11.00 / Cave 10C	
nanks for Calling Basic	
1700 S. Country Estates • P.O. Box 129 • Liberal, KS 67905 • (620) 624-2277 • Fax (620) 624	