Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE ORIGINAL

Operator: License # 6743	API No. 15 - 15-097-20012-0001
Couthwind Dotroloum Corn	77. a.s.
Name: Southwing Petroleum Corp. Address: 1400 W. 4th Street	County: K10Wa 70 'N. E/2. NW Sec. 1 Twp. 28 S. R. 18
City/State/Zip: Wichita, KS 67203	· · · · · · · · · · · · · · · · · · ·
	4030 4098 feet from (5) / N (circle one) Line of Section
Purchaser:	3300 337/6 feet from (E) / W (circle one) Line of Section KCC GPS Footages (Section Corner:
Operator Contact Person: Notice 5. Scribe de 1	
Phone: (316) 263-0898 . 1.1.	
Contractor: Name: FIACE WELL SELVICE	Lease Name: Fark (L) Well #: 1SWD
License:	Field Name: Allstott
Wellsite Geologist: Willis Nigh	Producing Formation: Chase
Designate Type of Completion:	Elevation: Ground: 2189 Kelly Bushing: 2200
New Well X Re-Entry Workover	Total Depth: 4900 Plug Back Total Depth: 2789
Oil X SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 488 w/500 Sk Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: Anadarko Production Company	feet depth tow/sx cmt.
Well Name: Fark "A" #1	Drilling Fluid Management Plan (Ut, / KgR 8/3
Original Comp. Date: 3-31-67 Original Total Depth: 4900'	(Data must be collected from the Reserve Pit) \mathcal{S}_{W}
Deepening Re-perfX Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	· ·
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
10.05.01	Lease Name: License No.:
10-25-01 10-29-01 11-15-01 Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
	·
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: Ronald S. Schraeder Title: Petroleum Engineer Date: 11-27-01	KCC Office Use ONLY
Title: 1etroreum Engineer Date: 11-27-01	Letter of Confidentiality Attached
Subscribed and sworn to before me this Anday of Amendia	If Denied, Yes Date:
DONNA CL	Wireline Log Received
Notary Public: Pra OFFICIAL MY COMMISSION	V EXPIRES
March 25,	(A) DIC Distribution

Operator Name:	Southwind Pe	etrole	um Corp.	Leas	e Name:_	Fark (L)	. Well #:	SWD	
Sec1 Twp	28 s. R. 18	☐ Eas	t 🔀 West	Coun	ty:	Kiowa				
ested, time tool ope emperature, fluid re	how important tops at n and closed, flowing covery, and flow rates s surveyed. Attach fi	and shut	t-in pressures, surface test, a	whether s long with	shut-in pre	ssure reached s	tatic level, hydro	static pressur	es, botton	n hole
Orill Stem Tests Take		Y	es 🗓 No		ΧL	og Formatio	n (Top), Depth ar	nd Datum	s	ample
Samples Sent to Ge	ological Survey	□ Y	es 🗓 No		Nam	e 		Тор	Ε	atum
Cores Taken Electric Log Run (Submit Copy)		☐ Y	**			มา _{ร์ว}	160' (-271)			
ist All E. Logs Run: ELI Wirelin Dual Receiv (11-09-01)					T	owanda 25 1orence 26	30' (-341)			
		Repo	CASING I		-23.	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Siz	te Casing t (In O.D.)	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacjs Used		nd Percent
Surface (previously		8 5				488'		500		
Disposal		4 1		9	1/2#	2828'	common	160	10%	Salt
-			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	s Used		Type and Pe	ercent Additives		
Shots Per Foot			D - Bridge Plug		9		ture, Shot, Cement		rd	
2	2476–86 ¹	ootage or t	Each Interval Per	orated			ount and Kind of Mai 1. 15% FE	terial Used)		Depth
2	2544-50'					1,000 ga	1. 15% FE			
2	2618-52'					1,000 ga	1. 15% FE			
2	2724-32' & 2	2743-5	0'			1,000 ga	1. 15% FE			
TUBING RECORD "Sealtite"	Size 2 3/8"	Set At	2466'	Packer 246		Liner Run	Yes X No			
Date of First, Resumer	d Production, SWD or En	hr.	Producing Meth	od	Flowing	ı Pumpin	g 🔲 Gas Lift	Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	r Bb	ls. G	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF CO	OMPLETIC	N	l_		Production Interv	al			
Vented Sold	Used on Lease		Open Hole	Per	1. 🔲 D	ually Comp.	Commingled			

	* *		ď	, <i>4</i>	•	. فيسر					TRE	ATIV	IENT R	REPOR		03	951	
OK (يتن د	´ ' L _	ustomer	D		s	~	De	ile O	RIGI	WA	_	/	
		ئاب		ال		<u>ا</u> (980	Thwi.	Nd	. 7	<u>e7.</u>		ase No.		Well	*		
ield Order	/ 1 C	Static		LE				Casing	<u> </u>	Depth	<i>'</i>	-	HINTY ,				CC//) .
425 ype Job	7_)			rATT	/		Casary	4/2	nation				jow	<u> </u>		K	5
AC	id	<u> </u>	2/0	11	1e /	/			Form		NA		·	Legal Descri	iption 	28	3-18	8W
PIPI	E DA	ATA		PE	RFORA	TING DA	TA		FLUID (ÚSED			T	REATMEN	TRE	SUME		
Casing Size		Tubing S	Sizo	Shots/F	1			Acid	nole	150	FE		RATE	PRESS	ISI	Ρ.	300	`
977 Depth		Depth	/	2	724	TO 27		Pre Pad	,00.0		4	Max	434	11100		Min.	200	
/olume	-	Volume	(a				50	·Pad-	11	<u> </u>		Min	7/4 V	1400	10	Min.	<u> </u>	2
fax Press		Max Pro	2	From		To		Frec	6/5	SPAC	er	Avg	77	900	1 15	Min.	150	
Vell Connectic	on /	Annulus	Vol.	From	· · · · · · · · · · · · · · · · · · ·	То				···		ННР	432 Used:	1200	Àn	nulus Pi	100	2
lug Depth		Packer D		From		То		Flush_					/olume	·		L		,
2 <i>720</i>			701711	From		То		13 1	366	WA	Ter	GHEV	orome			lal Load	186	5
Customer Rep	r os enti ک	elive Chr	AC	der		Statio	on Maneg	m AVC	h	クレブラ	r L		Treator	(17)	57	7-6	wK	,
ervice Units				01	2	1 +5	_				7							
Time		seing seure	Ti	ubing essure		Pumped		Rale		· · · · · · · · ·			Servic	e Log .		· · · · · · · · · · · · · · · · · · ·		
8:30									A	271	Ve.	01	v Le	CA TI	ON			
										Hol	d.	SA	FTY	Mee	TI	vg		
									PA	cke	~ N	OT	SeT	7.60	(a)	127	60	,
7:01							<u> </u>		57	BYT	Pun	1,Q	WATE	- dú. 7	10	Tol	pad	Holo
9:04		···	16	00		0_	<u> </u>		172	80.	Load	ded	Bre	55. U	/ <u>() </u>	57	00	
0:00			25	00					Ro	2-P2	25 ج	_	<i></i>	760		Pla	19 e.c	_
0'13			28	00		·			3/	000	OF	<u> </u>	RUN	Swah	Tox	la	NO	Sun
lina			25	200		· · · · · · · · · · · · · · · · · · ·			Re	D-50,	res.	5_	110	Go		Re	leas.	e Pac
									ر ا	SWA	6	7/1)					.,
												_		The	2 2	75	7	
2:27														r dr.				Ad
2'36						29			Ha	,/e	LOA	do	18	C12-C.	-/	2017	, 19	111
2:40						41			57	DD L	VAT.	 	STA	JAC	id	1		
1:46					/	05			Ac	id.	011	B	27/200	, 57	01)		,
2'50									50	7	PA	c Ke	o Y				i dre in mere men	
2:50		• •	14	80					57	927	Pu	111	Ac,	ddn	1	39.		
2:51			14	00	/	/		12	Pr	055.	B	re,	2K					
2:52				00	/	2		1			Pu							
12.53			ł	00		6	4	34	1 '-	edi	- /							
استاسي د د			,		1	,		121	1, 0	4.4	1/2	1	/-	5- 5-		·		

10244 NE Hiway 61 • P. O. Box 8613 • Pratt. KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

41

NOCICE NO. Society of Country State As a Sta	- 0	•)RIGINA	11:
DIE DATE CONTROL SELECTION STATE SOUTH WIND STATE SOUTH WIND STATE SOUTH WIND PLANT STATE SOUTH WIND PLANT STATE SOUTH WIND STATE SOUTH WIND PLANT STATE SOUTH WIND PLANT STATE SOUTH WIND PLANT STATE CONTROL PROPERTIES FO Brinder Product SET ACID SOUTH PROCESS AND STATE RECONTROL SOUTH PROCESS AND STATE RECONTROL SOUTH PROCESS AND STATE AMOUNT CONNECTION MACRONITION AMOUNT CONNECTION MACRONITION MACRONITION AMOUNT CONNECTION MACRONITION MACRONITION MACRONITION AMOUNT CON			INVOICE NO.	Subje	et to Correction	FIEL	D ORDER	4259
Southwind Pet, Dorth 724 Formation N A She John Praff Carlog 415 Central Depth 127 12 John Treater Control 415 Central Depth 127 12 John Treater Common Representative Will's Treater Formation Materials Asserting Depth 127 12 John Treater I Materials Depth 127 12 John Depth 127 12 John Treater I Materials Depth		C		Lesse	, ,	/ Well #	Legal	1-28-1801
Southwind Pet Using 724 Formation N A Short Joint Stand William 12772 Stand William 12	9 E R	VI,CE'S,		County	TIOWA	State .	Station	
Coning 41/2 Charley Depth 10 72 Jos Type Jos Type Controlled Py Will's Trender Jim 5 Trender No. 1 T	Sou	thwin	d PeT	Depth 2724	Formation			
WE Number PO Number Resolved by X Perulis & Jim STrenk We number Resolved by X Perulis & Junilla ACCOUNTING A						1 75	Job Type	11/10011
FORMATION PO Number Materials Received by X 20 MULL ACCOUNTING Code OUANTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT OF CORRECTION AMOUNT 3.3.1.2 1.00.0 ask FF Actid Coult 3.1.1.0 2 asks AH 8-1 2.3.0 2 asks S-1 3.1.0 1.00 asks S-1 3.1.0 2 asks S-1 3.1.0 1.00 asks S-1 3.1.0 2 asks S-1 3.1.0 1.00 asks S-1 3.1.0 1.00 1.00 1.00 asks S-1 3.1.0 1.00 1.00 1.00 1.00 1.00 1.00 1.00				Customer Repre	sentative ///	I/// Trea	ator / ´_	$\alpha - \alpha$
Product Code OUANTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT ACCOUNTING					5	1	()	
COMPANDED CONTROL COUNTY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT CORRECTION AMOUNT		•	PO Number		X / Leru	uli s e	Shull	
100 / UNITS 30 MLES TONS MLES 200 / EA ACID PUMP CHARGE DISCOUNTED PICE 7/987,20 Plus Tay	Code	QUANTITY	MATERIAL, EQUIPMENT and S	ERVICES USED	UNIT PRICÈ	AMOUNT		
200 2 9ALS AN 18-1 230 2 0ALS S-1 201	1 4 .	1	1 1 5 - 1					
230 2 onls S-1 200 1 UNITS 30 MILES TONS MALES 200 1 EA AC of PUMP CHARGE DISCOUNTED PYTCE 1987, 20 Flus Tax			1 1 1 1 1	d CONVI				
100 / UNITS 30 MILES TONS MILES JOD / EA AC O PUMP CHARGE DISCOUNTED PRICE 71987, 20 Flus Tay		7	/ /					
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY			9000					
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY	<u> </u>							
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								1.
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY						· · · · · · · · · · · · · · · · · · ·		
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY				<u>.</u>				
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY	······································	-			,			
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY					· · · · · · · · · · · · · · · · · · ·			
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY			·			·		
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY			•					
TONS MILES 200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 1987, 20 Plus TAY								
200 / EA. ACID PUMP CHARGE DISCOUNTED PYICE 11987,20 Plus TAY	100							
Discounted Price 171987,20 Plus TAY	200			RGE				
	~ <i>UU</i>		,,c,u		4			
			Discounted	Price	19	1987,20		
244 NE Hiway 61 · P.O. Box 8613 · Pratt. KS 67124-8613 · Phone (620) 672-1201 · Fay (620) 672-5202			P/US 7	AV		/		
	244 NE HI	way 61 . P O	Box 8613 - Prail KS 67124-86	13 . Phone (62)) 672-1201 E	v (620) 672 5262	-	

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer and incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

		T.	REATMENT REPOR
Commission and Automatical Commission of the Com	esta la companya de l	Customer ID	Date ORIG
HCIL		Southwind Pe	. / ,
SERVICESLLL		LOASO FATA L	Lease No.
Field Order # Station	PrAH	Casing 412 Depth	County Kiown
Type Job A C 10	11/1/2/1	Formation /	Legal Desc

PIPE DATA PERFORATING DATA **FLUID USED** TREATMENT RESUME Casing Size Tubing Size Shots/Ft RATE PRESS ISIP 250 1000 49/5 Depth 2 4 5 5 Depth Max 5 Min To 2486 Volume Min 10 Min Bbls. WATER 700 To From Max Press Max Press 15 Min. Avg From To **Well Connection** HHP Used Annulus Vol. Annulus Pressure From To Plug Depth Total Load, Bb/s Packer Depth Gas Volume 2578 WATER To Station Manager

DAVC Treater Customer Representative AUTTY 3750NK 21+50 Service Units Casing Tubing Time() **Bbls. Pumped** Rate Service Log Pressure Pressure 8:30 LOCATION 9:11 9:15 350 12 9:16 50 9:18 8 400 9:19 400 10 9:23 0 1/2 10/2 9:24 1650 1/2 700 11 14/2 7:26 900 43/4 050 28 57117 26 050 Bbls 9:33 48 43/4 WATER 1000 ISI 250 5 MPD 175 050 Bleeo

10244 NE Hiway 61 • P. O. Box 8613 • Pratt. KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

Product Code QUANTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT CORRECTION AMOUNT 9.312 1000 9.4/s 15 Acid Cavil Cavil Cavil Cavil 2.30 1 0.4/s 11 B-1 2.30 1 0.4/s 5-1 Cavil	$\frac{Q}{1}$	· \	¥						<u> </u>		IKI	INAI
Cultural D Cuttomer ID Country KIOWA Sale Sale Station From the Coming III Coming	3		e.	INVOICE NO.	grant [†]	Suble	ori to Correction		FIELD	ORD	ER,	4258
SERVICES LLE Customer 10 Courty KIOLLS State S				Date: //~/3	-01	Lease ,		. /	Well #			
SOUTHWIND POT TO THE PROMINE TO THE PROMINE TO THE STREET OLD WELL THE PROMINE TO THE STREET OLD WELL THE	SER	VICES,	LLC				1//		State	Ste	ition	,
Casing Pages Control of Professional Profes	501			り. ブ				on /			a Joini	r1971
Coutering Representative ACCU SCATACICET Treater Town ACCOUNTING ACCOUNTING ANGUNT CORRECTION ANGUNT CORRECTION ANGUNT TOWN TREATER TOWN TREATER TOWN TOWN TREATER TOWN	100	IN WI	v a	18/2			Casing Depti		C ///-3	Job 1	vpe /	
AFE Number PO Number PO Number Materials Received by X Caracal D Schrack ACCOUNTING A	ì.———	<u> </u>				Customer Repre	sentative			' 1/7	cide	0/d Well
Product Code QUANTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT CORRECTION AMOUNT 9.312 1000 9.4/s 15 Acid Cavil Cavil Cavil Cavil 2.30 1 0.4/s 11 B-1 2.30 1 0.4/s 5-1 Cavil			·			RON	SCHYAE	der		Vin	_57	TUNK
Product Code QUANTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT CORRECTION AMOUNT 9.312 1000 9.4/s 15 Acid Cavil Cavil Cavil Cavil 2.30 1 0.4/s 11 B-1 2.30 1 0.4/s 5-1 Cavil	AFE Number	·	PO Nu	ımber		Motoriale	()		A 1			
Code OUNTITY MATERIAL EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT CORRECTION MATERIAL AMOUNT CORRECTION MATERIAL AMOUNT CORRECTION AMOUNT AMOUNT CORRECTION CORRE			,				X Con	se cel	12/10	luna	de	
1302 1000 9A/s FE ACID (CONV.) C110 2 9A/s A H1B-(230 1 9A/s S- 230 1 9A/s S- UNITS MILES TONS MILES 207 / EA ACID PUMP CHARGE #2 (Code	QUANTITY	MATE	RIAL, EQUIPMEN	NT and SER	NICES USED	UNIT PRICE	АМ			ACCO	
110 2 9A/S, A H B - 230 1 0A/S, S - 10 2 9A/S, A H B - 10 2 9A/S, A H B - 10 2 9A/S, A H B - 10 3 1 0A/S, S - 10 4 1 0A/S, S - 10 5 1 0A/S, S - 10 6 1 0A/S, S - 10 7 1 0A/S, A H B - 10 8 1 0A/S, A H B - 10 9 1 0A/S, A H B - 10 0A/S, A H B - 10 0A/S, A H B - 10 0A/S, A H		1000	SAL	5 15	2/	reid	<u> </u>					
230 1 2A/5 5 - UNITS MILES TONS MALES 207 EA. A C PUMP CHARGE # 2 (9312	1000	941	s /= E	Acid	CONV						
UNITS MILES TONS MILES TONS MILES AC / PUMP CHARGE # 2 (CHO	2	9AL	5. 17 /t	1B-			<u> </u>		· · · · · · · · · · · · · · · · · · ·		
UNITS MILES TONS MILES TONS MILES ACIN PUMP CHARGE #2 (-230	1	gA/S	<u>- ڪ</u>								
UNITS MILES TONS MILES TONS MILES ACIN PUMP CHARGE #2 (ļ					
UNITS MILES TONS MILES TONS MILES ACIN PUMP CHARGE #2 (-				
UNITS MILES TONS MILES TONS MILES ACIN PUMP CHARGE #2 (
207 / EA. ACI PUMP CHARGE #21							<u> </u>	<u>-</u>				<u> </u>
207 / EA. ACI PUMP CHARGE #21		<u></u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			<u> </u>	 				
207 / EA. ACI PUMP CHARGE #21					÷	<u> </u>	· · · · · · · · · · · · · · · · · · ·	ļ				1
207 / EA. ACI PUMP CHARGE #21					 	W		 				<u> </u>
207 / EA. ACI PUMP CHARGE #21						······································		 		···		
207 / EA. ACI PUMP CHARGE #21				····		***************************************						
207 / EA. ACI PUMP CHARGE #21			<u> </u>				<u> </u>			787 W. J		1
207 / EA. ACI PUMP CHARGE #21							· · · · · · · · · · · · · · · · · · ·	<u> </u>				1
207 / EA. ACI PUMP CHARGE #21		į.				***************************************						
207 / EA. ACI PUMP CHARGE #21		; -										
207 / EA. ACI PUMP CHARGE #21							**************************************	1				
207 / EA. ACI PUMP CHARGE #21	. "											
207 / EA. ACI PUMP CHARGE #21												
207 / EA. ACI PUMP CHARGE #21		<u> </u>		·· ···································								
207 / EA. ACI PUMP CHARGE #21												
207 / EA. ACIC PUMP CHARGE #21			UNITS	Mil	.ES							
20/ / EA. HC, d. PUMP CHARGE #2(<u> </u>						······································					
	207	/	EA. A	CId. PU	MP CHARC	E #2(
Group Treatment			670	UP Tre	ATM	SENT						
DISCOUNTED Price \$ 1711 70			7			$\overline{\partial}$	- 5	175.11	75/7			
DISCOUNTED Price 7/711.70.			D15	DIN 1	od	171CE)////	<u> </u>			
244 NE Hiway 61 · P.O. Box 8613 · Pratt. KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383	244 NE Hiv	vav 61 - P.O	Box 8613	Prair KS 67	/ // \ 12/68812	. Phone (620	\672_1201_E	av (600) 6	70 5202		<u>l</u>	

Faylor Printing, Inc.

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and alfiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, Indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES. LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

		•	ş	er F		4		U.	REA	TMENT	REPORT		939	
		م ينځنيير			,	Customer	ID .			Date	RIGII	VA		
						Soul 7	buin.	Pet		//	- / 2 -	0	7-	
				3		Lease /-	Ark	1. I.		Lease No.		Well #	See	$\overline{\delta}$
Field Order 1	7	Statio		PrA	74		Casing	41/2 Depth		County	(101019		State	15.5
Type Job	id		2/1	We	//			Formation (*) hASe	6	roupe	Legal Descript	lion	2 <i>8 -</i>	18U)
	PE DAT	ΓΑ		PERFOR	ATING I	DATA	F	LUID ÚSED		T	REATMENT			
Casing Size	7	ublng S		ots/Ft			Acid	0AS 15-2 F.	F	RATE	PRESS	ISIP	-3,	00
Depth	3	epth /	8 Fn	m2544	To 2	550	Pre Pad			Max 5.8	1800	5 Min		50
Volume	V	olume //		om.	То		型岩	Blk. WATE	>	Min 1/2	900	10 Mi		<u>, , , , , , , , , , , , , , , , , , , </u>
Max Press		lax Pres	ss Fn	om .	То		Frec			Avg 4	1500	15 Mi	n.	·
Well Connect	tion A	nnulus '	Vol.	MT1	То				1	HHP Used	1300	Annu	lus Pressu	ILO
Plug Depth 2 5 8	2 2	ecker D	epth	<u> </u>	То		Flush 1/2	Bbb, WATE	2	Gas Volume		Total	Lond 2 9 J	6/5
Customer Re	presentat	hra	reder	-	S	etion Manag	v e /	10 Try		Treater	m 57		<u> </u>	
Service Units			101		21					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	77 57	7 (3	1	
Time	Cas Press		Tubing Pressur	<u> </u>	. Pumped		Rate			Servic	e Log			
,								Arrive	,	on Lo	CATIO	امالهم		
										SAFTU			9	
								PACKET	N	ot Se	T 76	ره) و	2.5	-5-1
4:19	1\$				· ·	·		STATT 1	DUM	P WAT	er dou	vv	769.	
4:25	ļ		200	2 /	19		 	Hole Lon						WW.
					$\geq \leq$					id dou				
4:28	1.		200		8			STATT L			ACET	····	·	•
4:29			200		10/2			Acid 0	N	Botto	M 57	COD	, c/o	se An
			·				· .	PU11 76	9.	Up & 5	et PAC	Ke	r 2	518
	*						·	STATT P	um	p Acid	ldw. T	189.		
4:34			1500		//		1/2	Press.	Bi	eak,	Spec	1	DUM	/>
4:35	<u>: </u>		1800		12		/	Press.	Bo	reak	/			<i>'</i>
4:36			900	,	14		1	Speed	, 	DUMP				
4:37			1650) =	20		5-	Feedi	NP	·				
4:38	· *		1.550	2 4	6/	<u></u>	5/2	1000 A	C13	div	STAZ	7	WA	702
4:41	;		1550	2 3	39		5-3/4	12/3 B ISIP	66	WATE	- du	13	9.5	100
	<u>. </u>		300					ISIP		***************************************	•		· /	, — ———————————————————————————————————
4:46	:		250			<u>.</u>		5 MPD	-		1			Tele
4:48			200	<u> </u>	·			Close 1;			<u> </u>		m	
				<u> </u>				To Blo		1 0 FF	· of	1.1	/	

12		INVOICE NO.	Subjec	t to Correction	FIELD	ORDER	1254 L
		Date 11-12-01	Lease - A7		Well # / -50	UD Sec /	-28-18W
SER	VICE9,	Customer ID	County	KIÓWA	State	Station	Pratt
50v	thuin	1 Petroloun	2544	Formation	50 Group	Shop Joint	<u> </u>
H A			Casing 4 1/2	Casing Depth	10 P/US	Job Type,	1d well
3			Customer Repres	entative Chrace	Treate	or / .	
			NON S	()		$(///2) \rightarrow /$	runk
AFE Number		PO Number	Materials Received by	x Kono	and La	Elime (•
Product Code	QUANTITY	MATERIAL, EQUIPMENT and SE	RVICES USED	UNIT PRICE	AMOUNT		UNTING AMOUNT
A302	1000	9A/s. 15-3 Ac	. ,	,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
7312	1000	gAls FE Acid	CONV.		≯ ⊕		
2110	2	919/s. AHIB-	<u></u>				
230	2_	9Als 5-1	·			<u> </u>	<u> </u>
·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
		4					
							·
						· · · · · · · · · · · · · · · · · · ·	
		i 15		,	•		
		i					
·	·		· · · · · · · · · · · · · · · · · · ·				
		·	<u>-</u>		4 .		
	-				,		
· · · · · · · · · · · · · · · · · · ·	· .						
<i>,</i> - ,		2 - (1)	·				-
5100		UNITS 30 MILES					
207		EA. ACID PUMP CHA	nge #2.1				
* (//		Group Trea					
		• ,		A			- /2
		DISCOUNTED	Price	17.3	1802,70		
00.00.00		Plus 7					
ロアンションバンランド	以及15年 16年 12月 1	Box 8613 · Pratt. KS 67124-86	rk - 20000 (320	ロランド シバ 東京 で	マヨハ・レノコマ・ナンダインプラー		

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, Indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

. • /	\					• 1	t esperie sur finition of	4 to 14	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	1.01		.22						TRE	ATN	IENT F	REPORT) (1393)
Œ.	1/2	3		4	· [c	Customer	Ď			Ďe	ile (TRIC		∧ I ———
					5	uslomer	/ /	1	D- 7	\dashv	//	שוליולי	IN	7 L
SER	V I C E		1 6		ì	900 // 9080	hwiN	<u>a 1</u>	PeT. I	Lo	ase No.		Well#	λ
Field Order #		Station	Ţ	TAT			Casing	1/2 0	Popth	Co	ounty /		Sur	State /5.5
Type Job C	id	0	11	111	0//		<u> </u>	Formatik	mF/or		<u> </u>	Logal Descrip	otion	8-18W
PIP	E DATA	\	PE	ERFORA	TING DA	ATA		FLUID USI				REATMENT		
Casing Size	Tub	ing Size	Shots/	Ft	I		Acid	20/2/	59 FE		RATE	PRESS	ISIP	400
Depth	Dep		Frod 2	618	To 26	1.50	Pre-Pad	7	Ter	Мах	41/2	1300	5 Min.	
/olume	Volu	ime 7/2	From	- 10	To R. C		7 LJ	Bio.		Min	1/2	600	10 Min	300
Aax Press		Press	From		То	 	Frac	010.	CALL	Avg	33/4	1000	15 Min	
Vell Connection	on Ann	ulus Vol.	From		То		··			ННР (1100	Annulu	us Pressure
Tug Depth	Paci	ker Depth	From		То		Flush /8	Bbls.u	LATER	Gas V	olume .		Total L	ond R//c
Sustamer Rep	resentative	3010		111.11.		lon Manag	ór	Ju Ta	1,	<u> </u>	Freater / ·		1_7	·UN/T
Service Units	<u>, , , , , , , , , , , , , , , , , , , </u>		01		71	DAV		7			UIT.	n _>		
Timelm	Casing Pressu	, T	ubing essure	Bbls.	Pumped		Rate				Servic	e Log	<u></u>	
1:00								Az	rive	, ,	21/	Loca	770	
	;						·		4011			Mee	·	
	-							PAC		OT	SOT	Tho		2648'
11:47	1							Hole	LOAd	ed	572	27 Pu		Acidow 160
1.51	1	20	00		Ė		2_	5TA	rT Ws	Ter	SpAC	•	7 1	,
1:53		20	00		11		2	Acid	1	_	/	STOD,	Clo	so Anni
								Pul	1 769	, υ,	0 F-5	et PA	c. Ke	> 2685
2:02)		" <u></u>	<u> </u>		STANT	Punj	AC	idda	ww 16	9 70	ress up So
2:03	_ \	14	00		1/2		1/2-	Pre	255. B	re	AK			
2:04		60	20	17	2	+	1/2	Spe	ed Du	mj	STA	TT IN	Jec/	BAlls
2:05		100	00	15	,	قا	3/2	Fre	ding		<i>'</i>			
2:07%		8	50	2	3		1/2	BA	1/5 70		المراه ص	ζ.		·
2:09		I	20	2'		1	1/2_	100				Balls,	in.	To WATER
2./15	<u> </u>	1	00	3			1/2	BAL	,	en'	r , S,	oeed,	DUN	P
2:12		E .	00		Q1/2		1/2		ding	<u> </u>				
2:13	1.	ŀ	00	4.	5	5	1/2			VAT	pr d	v. The	. , +	STOP
		41	20	· · · · · · · · · · · · · · · · · · ·	i-,			I.S.	IP_		······································	· · · · · · · · · · · · · · · · · · ·		·

10244 NE Hiway 61 • P. O. Box 8613 • Pratt. KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

^C) * \text{\(\frac{1}{2}\)		· 1							111
<u>ت</u> کر د		ş	INVOICE NO.	Subje	ct to Correction		FIEL	D ORD	R 42	NAL
			Date // - /2 - 0 /	Lease -A	. ,	7 7	Well #	Leo	al	
SEF	VICES		Customer ID	County	'/ ·		State A'S	Stat	lon - 28	
	Thewin		Troleum	Depth	Formati	on		Shoe	Joint John	<i>ħ</i>
200	IHWIN	0 / 6	2/ TO/CUM	76/8 Casing	Casing Dopt	9 7 9 NO	2 C	Job Ty	ne /	,
		*		Customer Repres	sentative		217	AC	id 01d	wel
	<u> </u>	<u> </u>		Row	8-6	411.	Treat	1 Jin	572	UN/F
FE Numbe		1 55 11			($\lambda = 1$			
·	,	PO Nu	mber	Materials Received by	X (C) L	(Cal	2 1	Clark	da	
Product Code	QUANTITY	MATE	RIAL, EQUIPMENT and \$	SERVICES USED	UNIT PRICE	, AVA	OUNT	CORREC	ACCOUNTING	NO.
302		1 /	15-0	Acid				CONNEC	A PION	MOUNT
312	1000	2 PALS	FF AC	1 CONV.						
110	2	TAIS	AHIB-	- /						
230	1 2	20/5	5-/							
· · · · · · · · · · · · · · · · · · ·	 	-			<u> </u>	<u> </u>				
123	711	12		5 (1						
1.5	34	\$100	legradable	BAH SCALE	×c	 				
				<u> </u>						
						ļ			· · · · · · · · · · · · · · · · · · ·	
			·	i ju	R L	 	·	<u> </u>		
	† · · · · · ·									
										
									·	
						 				
				,						· · · · · · · · · · · · · · · · · · ·
·										
		ļ								
·		ļ			₹ 					
										:
. !				-in-						
100	,									·
100	/ /		30 MILES		· · · · · · · · · · · · · · · · · · ·					
200		EA.	MILES PUMP CHA	RGE # 21						
701	, , , , ,	RAIL	INVECTO					<u> </u>		
	1	4.14//	IN VECTO							
	:	2150	punted	Price	- \$	2334	1 11/1			-
	J S. #4.5		Place	Tau		7				
14 NE Hi	way 61 · P.O.	Box 8613 -	Pralt, KS 67124-86	13 · Phone (620)	672-1201 · F	ax (620) 67	2-5383	TOTAL		

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to properly owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer ard incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



ELI WINEEIME SENVIÇES, INC.

P.O. BOX 534—ELLINWOOD, KANSAS 67526

SERVICE TICKET AND INVOICE RIGINAL

Nº 20301

1. 6	MAA	ė						<u> </u>	, Dat	<u> 11/9/01</u>	·····
•	<u></u>								Eng	inger MD THOMASC	N
CHARGE TO	SOUTHWI	ND PETROLE	UM CC	ORP:	(-			e ^e	Ope	rator DM YOUNGER	/ -
ADDRESS	1400 W.	14th ST.			· · · · · · · · · · · · · · · · · · ·		·		Truc	K No. 151	,
CITY	WICHITA	, KS 67203			, 			CUSTOMER C	DRDER N	io	
WELL	FARK "L	" SWDW #1						CASING SIZE	& WEIG	нт 45"	
FIELD				- Li-	····			COUNTY	KIOWA		,
LEGAL DESCR	IPTION:							•	01-	285-18W	
CASED HO	LE SERVICES						OPEN	HOLE SERVICES			
	Correlation Lop []	Differential C	Sonic Bond Log	x <u>o</u> x ss ∪	Cement Top Log	0	o	GAMMA RAY NEUTRON GUARD & CALIPER LOG		BHC SONIC LOG	\$\$ □ FF □
С		Density Gas Detection Log	Steel Carrier	7 5 x	Bridge Plug	a	ם	INDUCTION ÉLECTRIC LOG		C	
G		Jat . []	Strip Jet	0	fórnado Frac Jet	O	. 0	BHC DENSITY LOG	CH □	COMPUTER ANA	
Received Thes	e Services Acco	ording To The T	erms &	Condi	tions On	Reve	rse Side	Hereof:			
I DO 🗆 WAI	IT TOOL INSUF	ANCE.	COST_				cus.	#19982 s	igned	by: Willis Nig	1
	UNE						" AUTI	HORIZED AGENT	·		

TERMS: Net Cash 20th of Month Following Invoice Date. 1.5% Interest Per Month Charged After 60 Days.

į į	VOICE SECTION	ON PERFORA	TING AND O	THER	
Price Rel. No.	No. Holes		nih To	Amou	11
210-3	68	2652	2618		
210-3	12	2550	2544		
210-3	20	2486	2476		
TOTAL	100		<u> </u>	2530	00_
split.	-17			-357	00
	83			2173	00
			<u> </u>		
-					
				<u> </u>	
				1	
				<u> </u>	<u> </u>
IN	VOICE SECTIO	N PLUGS, PA	CKERS AND	OTHER	
Price Rel. No.	Type	Size	Depth	Amo	vnt-
				_	-
		ļ	<u> </u>		
		<u> </u>			<u> </u>
	<u> </u>				-
					1

1.5 % 1110	est Per Mon					
		SECTION	- SERVI	CE CHARGE	<u></u> _	
Price - Ref. No.	Description Of Charge	From,	To .	No. Feet	Amount	
100-1	SET UP				500	00
		OICE SE	CTION LO	GGING	garanta an ang ang ang ang ang ang ang ang ang	
411-1-3	,	0	2766	2766	691.	50_
	Depth					
	Charge		<u> </u>			
	. :					
411-2		2766	2200	566	200	00
	Logging	ļ		<u> </u>		
	Charge					ــــــــــــــــــــــــــــــــــــــ
				<u> </u>		
		'				
					<u>.</u>	
	Other .					
	 					
	1					
SUB-TO	TAL				3564	50
LESS D	712	90				
TOTAL					2851	60

ORIGINAL



INVOICE SECTION PLUGS, PACKERS AND OTHER

Size

Depth

Price Rel, No

Type

ومكارين يمريس الممار

P.O. BOX 534—ELLINWOOD, KANSAS 67526

SERVICE TICKET AND INVOICE RIGI

19856

In Remitting or Corresponding

			•				•			•	·	En	gineer	KLL	12	2	
CHARGE TO	o _	Sou	THUL	NI	> PE	TRE	14-7	L	2	POR	ρ	Ор	erator	GRE	200	Be.	
ADDRESS		100W.										Tru	ick No.	14	12		
CITY	4	ICHLIA	- Ks 4	2	203_						CUSTOMER	ORDER I	NO		<u> </u>	1	
WELL		FARI	<"L"	<u>ک</u>	WDU	O E	<u>/ </u>				CV2ING ZISI	E & WEIC	SHT		<u> </u>		
FIELD !											COUNTY	KI	0111	9	ļ		
LEGAL DES	SCR	PTION:-A	PPOX	Co	=/7	- 11/	9	<	Ser.	-/	-28	5-6	800				
		E SERVICE									SERVICES					* * * * * * * * * * * * * * * * * * * *	
Combination G/R-Neutron Log	J	Correlation	Ditterentiat Temperature	, Q	Sonic Bond Log SS	Tor Tor		"			NORTUBALYAR & CALIFER LOG			BHC. SONIC LO	9		59 🔾
			Density		Steel Carrier	Brit	ige		ם מ	INDUCT	ION NC LOG		0				
			Datection L		Strip Jet	Tor	nado			9HC DENSIT	×100 -	GR ()		сомрит є			
				0	<u> </u>			ll.			/_		λ				
<u> </u>		Services Ad		ine i	erms & C	ondition		7			IK AM	00111	()	-M	VI	Ma	_
I DO NOT	. 🔲	T TOOL INS	UHANCE. L (NSURANC	E. C	COST	. 		-	CU	STOMER	ALLIN	siyy.			lace	W.	
SIGNATU		LINE									D AGENT				ļ <u>-</u>		
		TERMS	: Net Cash 2	Oth o	f Month F	ollowin	j Involce	e De	ale. 1.	5% Inter	est Per Mont						
	INV	DICE SECTION	N PERFORA	TINC	AND OT	HER					INVOICE	SECTION	- SER	VICE CHA	ARGE		
Price Rel, No.	T	Np. Holes		epth	To ·	Ame	ount			Price Ref. No.	Of Charge	From	To	No. Fe	et	Amou	Τ
	-						<u> </u>			00	Setus					500	00
											INV	OICE SE	CTION L	OGGING	ļ .		7
200-	3	8	2724	6	732								<u></u>				
200-	2	7	2743	1							Depth		-				-
		15				745	500		_		Charge		ļ				 -
	Ì	<u> </u>							_		_} .		 			<u> </u>	
									-			 	 				-
<u> </u>						:			-		J ;.					<u> </u>	-
											Logging			_			-
	-										Charge		-				-
	-								-	·	1		-			 	-
												 				 	+
	-		1				1					 			-	+	-

Öther

LESS DISCOUNT IF PAID IN 60 DAS

SUB-TOTAL

TOTAL



P.O. BOX 534—ELLINWOOD, KANSAS 67526

In Remitting or Corresponding Please Refer to Above Invoice Number

SERVICE TICKET AND INVOICE DICINA

	And		•					UNI			1.13		
		·············	,~		•		٠.		En	gineer	Rug	77	
CHARGE TO	50U	THUN	NDP	7720	1620	127	Cur	ep,	Op	erator	6100	(1)	, <u></u>
ADDRESS _						,				ick No	14-7	,	
CITY	·							_CUSTOMER					
WELL	FAK	K"L"	SWD	W it	/			_CASING SIZ	E & WEIG	3HT			
TELD								COUNTY			. 1		
EGAL DES	SCRIPTION:	1ppox	0010	11.	.)	5,	1	-518					
CASED	TOLE SERVIC	ES		- 1116	<i></i>	OP	EN HOL	E SERVICE		<u> </u>	1		
Combination G/R-Neutron	Correlation Log	Differential Temperature		Cem Top	r)		GAMM	A RAY NEUTRON		0	BHC '		ss 🗆
Log		Density	Steel	SS 🗌 Log	Qe .	1	INDUC			<u> </u>	SONIC LOG		FF [
	· · · · · · · · · · · · · · · · · · ·	Gas Detection Lo		Plug	·		ELECT	RIC LOG		0			
<u> </u>		Link Jet	□ Strip	Torn	s []		BHC	TY LOG	GR □ N □	Ċ	COMPUTER AN		
Received T	hése Services À	ccording To T	The Terms & (s On Rev	erse S	 		' '	,).			
I DO 🗆 V	VANT TOOL INS	SURANCE.				1	ISTOMER	ik as	MA		0/11	111/2	
	☐ WANT TOO	L INSURANCI	E. COST	·		1		•	seif f	1	A del	IHA	
SIGNATU			***************************************		·	J		ED AGENT _	 	.,			
		S: Net Cash 20			Involce I	Date. 1	.5% Inte						
Price	NVOICE SECTI	De	TING AND O	HER		-	Price	INVOICE Description	SECTION	- SERV	ICE CHARG	E	·
Ref. No.	No. Holes	. From	То	Amou	Inl		Ref. No.	Of Charge	From	То -	No. Feet	Amo	unt
			<u> </u>	 		K	00	5074	2			<u> </u>	
7		12 00 1	1 1	 		-	·	INV	DICE SEC	HON LC	GGING	1	
200-3	7	124	2732	T	 					·			
002	17	2743	2750					Depth	·i			ļ	<u> </u>
	<u> </u>			ļ				Charge					
						_							
· · · · · · · · · · · · · · · · · · ·											!		
· · · · · · · · · · · · · · · · · · ·	<u> </u>			<u> </u>]. [
· · · · · · · · · · · · · · · · · · ·							************	Logging					
								Charge					1
										· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
							•]:					
													
IN	VOICE SECTION	N PLUGS, PAC	KERS AND C	THER						· · · · · · · · · · · · · · · · · · ·			
Price Ref. No.	Туре	Size		<u> </u>	<u> </u>	-		Olher			· ·		
7101, 110,	туре	Size	Depth	Amou	n1			. 01.101					 -
			<u> </u>			. -							
		,		· · ·		-	SUB-TO	II TAI					
			1					SCOUNT II	DAID IN	1600	ve		
···		<u> </u>					OTAL		raid ii	4 OU DA			
1		·		ı .	. I	1 1	UIAL				1 1		ı

TOOL INSURANCE

In the event a tool or parts of a tool become stuck or tost in the well whichever condition finited below applies shall be strictly followed.

TOOL INSURANCE has been declined, the owner or drilling contractor (whichever applies), shall be responsible for all cost to replace and/or recover and repair, if needed, all equipment belonging to FLI Wireline Services

TOOL INSURANCE has been requested. ELI Wireline Services, Inc. home office shall be notified at (785) 638-6395 before any operations that might cause the tool to became separated from the line or before any fielding attempts are made. If recovery attempts must be made, three complete attempts shall be done at the operator or drilling contractor's, (whichever applies), expense. Such recovery attempts shall only be done after ELI Wireline Services, Inc. has approved such attempts and then only under ELI Wireline Services, Inc. supervision.

SHOULD ANY of the above conditions not be met, all replacement and repair cost to ELI Wireline Services, Inc. equipment shall again become the responsibility of the owner -- drilling contractor, (whichever applies).

TEAMS AND CONDITIONS ATTENDING SERVICES OF ELI WIRELINE SERVICES, INC.

The work described on the reverse side hereof has been performed by ELI Wireline Services. Inc. All accounts for services or sales rendered by ELI Wireline Services, Inc. shall be in accordance with the invoice rendered. The authorized Agent signed on reverse side hereof, hereinafter referred to as the customer agrees to pay ELI Wireline Services, Inc. the amount of the published prices for said services at P. O. Box 534. Ellinwood, Kansas. Should the amount be not paid within the terms fixed by the Invoice, interest at eighteen percent, from the date of invoice, will be charged and if placed with attorney for collection, the customer agrees to pay all costs of collection and reasonable attorney fees; which in no event shall be less than \$75.00.

The customer agrees to reimburse ELI Wireline Services, Inc. for the reasonable value of any of their instruments, tools or equipment lost or damaged in the rendition of their service.

The customer certifies that he is the owner of the well on which the work is to be done and that said well is in proper and suitable condition for the performance of said work and that all depth measurements shall be made under his supervision.

Prices for services or products do not include sales or similar taxes. Any tax based on charges made for cash receipts from the sale or services or products will be added to the stated price.

ELI Wireline Services, Inc. endeavors to provide and maintain all equipment to safely and efficiently service properly drilled and conditioned wells. Public liability and property damage insurance is provided for additional protection. Nevertheless: due to conditions in and around well which are unknown or not subject to its control, ELI Wireline Services, Inc. can neither guarantee the results of services rendered nor be liable for injuries to personnel nor be liable for loss of damage arising from the performance of services.

Whenever road conditions are such as to prevent ELI Wireline Services. Inc. service units from reaching the well, customer agrees to provide additional transport equipment required, or make roadway repairs as required, at his own expense.

A responsible representative of the customer must be present on location to generally direct, and specifically designate and approve depths for performance of all services.

In making interpretations of logs our employees will give Customer the benefit of their best judgment, but since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or the correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the Customer resulting from any interpretation made by any of our employees.

If during the logging procedure a radioactive sealed source is for any reas	son lost in the	e hole and	cannot be
recovered by nondestructive fishing the source shall be cemented in place wi	ith an obstruc	ction place	d on lop of
he cement and a metal sign at the top of the hole bearing an engraved leg-	end "Caution	a sealed i	radioactive
source of Cl of was abandoned at ft. on	of	.20	,"

			INVOICE NO		Subjec	et to Correction		HEI	والمراجع والمتحارف والمتحارف	04132 DICINIA	ł
				19-01	LORSO	<u>/</u> {	L	Well #) D Legal U	MUJNA	
S E A	V. I. C.E. S.	r r c	Customer ID		County	wa		State 1	Sletton	H 185	
c	outhu	rind	PCTI	0/01/11	Depth	Formation	n .	10,5,	Shoe Joint	0 (n to c)	
H A		. '			Carina L	Casing Dopth		1828	Job Type	ring Oldwo	-/1
G E	:				Customer Repres	/ 1	e de	Treate		1	نـــ
						()		· · · · · · · · · · · · · · · · · · ·			
AFE Number		PO Nu	mber		Materials Received by	$\mathbf{x} / \mathcal{C}_{\mathcal{C}}$	1.461	(/)	ylu		
Product Code	QUÂNTITY	MATE	RIAL, EQUIPM	ENT and SE	RVICES USED	UNIT PRICE	1	MOUNT	CORRECTION	CCOUNTING	
D200	160.5ks	21	111101	CM	1						_
1196	146 kbs	1/4	19-30	22_							
12/13	16 165	1) e	100111	er`			ļ				
(1223	178916:	1/0	1+ +1	n e	21 11				! 		
F100	3 ca	(en	tralia Di	sers o	4 1/2:	ļ	-				
F180	169	LIU	Tyig	4 150	1+1e		- 				
F110	109	7 9 1	1 Kas	1) 100	77		 				
F120	200	5+	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ollor	. 11		 	· · · · · · · · · · · · · · · · · · ·			
1302	500 gg	Mu	777	1	<u>)</u>		 	- H			
	3										
							ļ	**************************************	<u></u>		
		ļ				<u> </u>	<u> </u>				
	· · · · · · · · · · · · · · · · · · ·				<u> </u>						
				· · · · · · · · · · · · · · · · · · ·			 		·		
					·		 				
 					*						-
							†				
					·						<u> </u>
E107	1605Ks	(1)14	7	 	3/19		<u> </u>				
E/00 F/04	12 / /2	UNITS	,	MILES	30 30						
E104 Race	Ja 61711		hay - 3000'						· · · · · · · · · · · · · · · · · · ·		
R701	189	Penici		id K	elltal						
	11.4	1 1 1 1 1		<u> </u>	(' / ' / ' / '	·					
		Disc	001110	dli		4331.45					
المحاد		127	1.5 7		13 • Phone (316)			-			
10244	NE Hiway 61. ● F	P. O. Box 8	613 • Pratt. K	S 67124-86	13 • Phone (316)	672-1201 • FAX	(316) 672	-5383	TOTAL		_

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per ahnum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royally interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or properly damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiarles, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

Q	- ", #) P .		\	. • · ·		TRE	AL ENDE	EPORT	0364!
		•	•	Customer	10		Date	001	
				Customer	uthuir	1 Post	10-	JURIL	JINAL
9 E A,	V I C E S			Loano	ark	* 	Loase No.	Well #	560
leid Order #	2 State	mProH	15	<u> </u>	Casing /	1/Z Dopth	County X		State 15
Fypn Job	na Stri		ld Well	0U	100	Formation	1 /// (//	Logal Description	18
PIF	PE DATA	7	ERFORATING		7	UID USED	Т	REATMENT RES	UME
Casing Size	Tubing !	Size Shote	√Ft .		160 SH	's Common	RATE	PRESS ISIF	,
70 Killer	Sopth -	7 D From	To		Dow Dad	1-322 10,1.5.1	Мах	5 M	in.
191179.3	Volume	From			Pad - /	sohier	Min	107	Min.
Aax Press	Max Pro				Frac 15,00p	22/13	Avg	151	Min.
Vell Connect					31. PJ	1: 51	HHP Used	Ann	ulus Pressure
Hug Dopth	Packer (To		Fligh a 1	bls prudllash	Gas Volume	Total	al Load
Sustamer Rep	prosentátive D			Stellon Mane	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Autra	Treater /)	500A	
Jervice Units		106		30	120	1 7 7		(CT)	
Time	Casing	Tubing Pressure	Bbls. Pumpo		Role		. Service		<u> </u>
300						On loc		atory o.	4
							on Bat		7
						en. () () (Vit Botto	Í.,
							O Cont	410	1745
						Busker To	00 / 10111 L	Drop Bille	11.16 1/10
)			
1/36	300		3		6	St 1120 5	Dacco		
1/37	300		12		6	St 1114 9	lu (h		
2203	300		3		5	5+ 1/20 5	Dacer		
2204	400		39		6	Mix Coit	215.00	Der 16	0 :/(3
1214	10-			·	()	finish or	ixiva C	111 - Cho	1
214			10			Wash Pu	J (n (2)	
916	100				6,5	Repase	7	St Disp	19/1/10
	500	****	31		6.0	Kitting (1/11/ 3/	121111	1.1.1
1229	1300		44.3		6	Plyn Dou	111 / 105/	Trst C	5 . 7
130	0-					<i>i</i>)	leld'		
			<u> </u>			6000	1100) (11 1 4 mg	1.1
-							***************************************		
						30	1 /0 111	Sympo	

10244 NE Hiway 61 • P. O. Box 8613 • Pratt. KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

Thank! Veu

Salar Sa

		de e	INVOICE NO.	Subject	l to Correction		ORDER	04132
			Dale 10-27-01	Loaso	1	L Well #	Copy Legal L	TOWAL
9 E R	VICESA		Customer ID	County	A)Q	State	Station Station	185
50	outhw	ind	Petrolein	Depth	Formallon		Shoe Joint	
1				27 77	Casing Dopth	17828	Job Type	10 Oldwill
} 				Customer Repres	Schra.	Treate		# (2121 1)
					$\frac{1}{2}$	<u> </u>		
AFE Number		PO Nu	mber	Materials Received by	$\mathbf{x} \mid C_{\mathcal{O}}$	word /)	VAMI	4.
Product Code	QUANTITY	MATE	RIAL, EQUIPMENT and SI	ERVICES USED	UNIT PRICE	AMOUNT	CORRECTION	DUNTING AMOUNT
200	160.sks	- 1	ninon CM					
196	46 665	1.1	A-322	······································				
213	16 hbs	1) e	Jon Nier		<u> </u>			
123	78910:	<u>)a</u>	H tine	21.11.				
<u> </u>	3 ca	(en	tralizers DI P	17/1/e				
1-180	169	191	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	20 11		· · · · · · · · · · · · · · · · · · ·		
F110	100	Cni	+ Basker	11				A.
F120	209	5+	on Coller	· · · · · · · · · · · · · · · · · · ·	·			
1302	500 ga	Mu	d'Ilush					
				· · · · · · · · · · · · · · · · · · ·				
 		<u> </u>						
		· · · · · · · · · · · · · · · · · · ·						
					<u> </u>	:		
			······································		h			
			, 		· · · · · · · · · · · · · · · · · · ·			
=1017	1605Ks	(111)	Serv C	horge		-		
E/00	100	UNITS	Way MILES	30				
F104	2261n1	TONS /	hay MILES	30		·		
R206	159		1- 5000' PUMP CH					
70/	189	Conci	11 [[[each]	201111				
		1)		1106 =	4331.95			
		137	counted 1	1100-	טן וועען			
10244	NE Hiway 61 • F	O. Box 8	613 • Pratt. KS 67124	8613 • Phone (316)	672-1201 • FAX	(316) 672-5383	TOTAL	. ,

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royally interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or properly damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiarles, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



	يهندنني الأ	1 &		COSTOTIAG			— ORIGINAI							
				Customer	uthuic	d Pct	10.	9410	IIVAL					
ង s A	V I C E S	/ L L C		Loaso	1.0 × 16	77 / 17	Lease No.	W	1560					
Field Order	2 Statio	Prof	. K.S	,	Casing /	1//Z Depth	County Ki O	wa	State 15					
Type Job	Ka Stri	40 O	d Well	DU	100	Formation		Legal Descriptio	15 18					
ÈΙ	PE DATA	<i>/</i> I	ERFORATING			LUID USED	TI	REATMENT R						
Saning Size	Tubing S	ize Shote	VFI		Ackd /// 54	l's Common	RATE	PRESS 1500	ISIP					
7789	Popth 7	From	To		Pro Pod	1-322 10,6501	Мах		5 Min.					
17 7 3	Volume	From				Sahier	Min		10 Min.					
Aax Press) Max Pres				Frec /5.0 an	9 1.30 1.3	Ανφ		15 Min.					
Vell Connec					31. PJ	11 51	HHP Used		Annulus Pressure					
Nug Depth	Packer C	Depth			1	bls mudllash	Gas Volume		Total Load					
Sustamer Re	presentative R	· · · · · · · · · · · · · · · · · · ·		Station Mana		Autry	Treater /)	Section	<u> </u>					
Service Units	11	106	23	30	10			7(07)	Í					
Time	Casing Pressure	Tubing Pressure	Bble, Pumpe		Raté		Service		·					
300			<u> </u>			DA los	Trik's 3							
						Thong Sloc	in Red	double to	1					
						Baltle To	5 1 12	med Body						
						Basket to	O Pour	4/1/1	7 7 7:					
					* *************************************	(sq on 13	Sasker Top Cont 4+10 145							
			1			1		, , , , , , ,						
1136	300		3.		6	St 1100 5	De c C C C C	<u>, , , , , , , , , , , , , , , , , , , </u>						
1137	300		12		<u>5</u>	St mud f	1	***************************************						
2203	300		3		<u></u>	51 1/10 5	00 C C L		·					
2204	400	<u> </u>	39		6		2/5.0 p	2-1	60 5/63					
1214	10-				()	10.	, 77	7	030 271					
214			10		5	Wash Pur	7 1	4 E						
1216	100				6.5	Repose	25	St 12131	21/1/10					
217	500		31		6.0		7/11/3/	13.6/5	(1)					
1227	1500		44.3		6	1701	11 d DS1	7-51	(5.7					
130	0-	·				Release 1	lold"							
						(100d)	1100)(1114)	July					
						Sel Panistrye								
				_			1 12 1	10 U						
			1	1										

		. L	INVOICE NO.		Subjec	t lo Correction		TE S	ORDER	DA.	IATA I
			Dale 10-29	-0/		/< ''	L	Well#	Legal - 2	8-/	SINIT
SER	VICESA	uue	Customer ID		County Kin	Wa.		State 1	Station	11/1/	5
50	outher	ind	Potrole	1111	Depth	Formatio	n	10,5,	Shoe Joint		24.4.43
				,	gelpg.	Casing Dopth		7828	Job Type Long Str	.	166011
					Customer Repres		ede	Treator			
							<u> </u>	t			
AFE Number		PO Numb	oet .		faterials teceived by	x /6	1.661	(/)	Y.Can		
Product Code	QUANTITY	MATERI	AL, EQUIPMENT	and SERV	ICES USED	UNIT PRICE		MOÚNT	AC	COUNTING	MOUNT
200	160.5ks		11101	Cnt							
196	46 165	1.	A-328	<u> </u>		ļ	 				
213	16 hbs	1)6	0011161			· · · · · · · · · · · · · · · · · · ·	_				
1-100	78910:	201	+ +1 N E		ZI 11.						
F140	J ca	1.1)	Pline	Bol	4/21	1			······································		***************************************
-180	10	1910	1/001	Shoc	,,,						
=110	Ica	Cost	Baske	?1	//						.s.
120	209	5+0	1 777	ors	11						
302	500 ga	Mua	1/11/11/1	···	· · · · · · · · · · · · · · · · · · ·		<u> </u>			<u> </u>	
				·······	·····		 				
										-	
						1	1			1	
											·
					-						
							ļ			4	
			·		,						
				<u>-</u>			 				
				· · · · · · · · · · · · · · · · · · ·		 	1			 	
							 			 	
=107	1605Ks	Cnit	Serv	Cho	198	· · · · · · · · · · · · · · · · · · ·				<u> </u>	
=100	lca	UNITS	vay MILE		0						
	2261n1		MILE		0	·	ļ				
306	[[]		5000' PUM				-		.	<u> </u>	
70/	189	Concus	t flead	150	ontal		1				
		Disco	unted	<i>P</i>),.	ice =	4331.95	+			<u> </u>	
		1716	5 /61					-		1	William Control of the Control of th
10244	NE Hiway 61 • P	O. Box 861	3 • Pratt. KS 67	124-8613	• Phone (316)	672-1201 • FA)	((316) 672	-5383	TOTAL		
•			White	- Ăccoun	ling • Canary	- Customer •	Pink - Fie	ld Office	5		

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES. LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to properly owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royally interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment of service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC, ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only litle to the products, supplies, and materials and that the same are free from detects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

		011 001	11 0/17/7/			111111	γ .	. '-				
Jervice Units	Casing	106 Tubing	33	30	0 10							
Time	Pressure	Pressure	Bblé, Pump	red	Rele				ce Log	:		
1300		;				On 1	00 10/1	This 3	ofory	1)	14	
						/ hony	Sloca	011 BAY	1014 5		.,	
						Balf/	e Top	51.10	THE BOY 14 1 Drop B.	101	17	
						Buski	+ TOP	Pont	4+1	Ö	1 4	>
·						(39 0	n 130:	1-1011 /	Drop B.	1/0	61,1	1 1/1/2
									,	!		
1156	300		_3		6	St 1/2	0 5pa	100				
1157	300		12		6	St 1114	of Flus	· /,				
3203	300		3		6	5+ 1/2	0 500	CP1"				
2204	400		39		6	Nix C	nit 2	15.0 p	1 ² -1	16	 	3
1214	10-				()	71415	11 1111 X	700 C	1111 "	7/03	ت ج	? /1
214			10		5	1005/1	134 mg) 4 /	n En			
1916	100				6,5	Kelpa	:50 17	414 4-	St Di	1.)	19/2	1,0
217	500		31		6.0	Kifti.	- 9 Cm	7 31	1 13 6/5	6	11	
1221	1300		44.3		(2-	Plug	Down	d D31	77-51	1	5 . 7	
1030	0-					Re Has	e /101	<u>ld!</u>				
						6000	1 (1, 1	/ C	()(11)		301	<u> </u>
•			·		·····					/		
					·		1,0	16 41 99 K.	istrific			
				·			-7/h	71/5	VEU			
		1		j				Saria	1. 11 V	•		

10244 NE Hiway 61 • P. O. Box 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

LEASE	UNIT,	/FACI	LİTY_		Southwi	nđ	Pe	Corp	ţ	irk (L)w	ELL No	1 Sv.	_DATE	10-29	-01	
PIFE RU	ASE/UNIT/FACULITY Southwind Pe . Corp. Fark (L) WELL No. 1 St. DATE 10-29-0 XIX TE RUN SIZE 43" WEIGHT 103# GRADE J-55 TYPE JOINT MAKE SMITH Supply NO FT.															
								GRADE							1	τ
								GRADE					IG	INIAI		τ.
											· · · · · · · · · · · · · · · · · · ·	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	7	114/1		***************************************
NO.	, ,	OHIT OHIT		Ю.	10int LENGTH O	·	NO.	LENGTH OF	70	LENGTH OF	NO	LENGIH OF	МО	(ENGTH OF	ŤAI	LY OF JOINTS NOT RUN
10F		39	12	51	39				151		201		251		20	LENGTH OF
2		39	T				102		152		202		252		- - -	
3	••••	39 38					103		153	<u> </u>	203		253		2	
5		39			·		104		155		204	·	254		3	
6		32					105		156		203		255 256		5	
7		36		·		·	107	ļ	157	·	207		257		- 3	
8		39			39		·		158		208		258		7	
9		34				t	109		159		209		259		8	
10		32					110		160		210		260		9	
11		31			39		· · · · · · · · · · · · · · · · · · ·		161		211	·	261		10	
12			33			1	112		162		212		262		111	
13		33	32	63	39	18	113		163		213		263		1,2	
14	· · · · · · · · · · · · · · · · · · ·	33	48	64	39	15	114		164		214		264		13	
15		32	!				115		165		215		265	,	14	
16			56				116	<u> </u>	166	<u> </u>	216	<u> </u>	266		15	
17		31			39		1		167		217		267		16	
18		33			39	~~~~~	<u> </u>		168		218		268		17	
20			18				119		169		219		269		18	
21		33 31			39				170 171		220	-	270		19	
22		34			39	15	121		172		222		271		20	· · · · · · · · · · · · · · · · · · ·
23			96		39				173		223		273		22	
24			05		39				174		224	<u> </u>	274		23	
25			70		39				175		225		275		24	
26		31			39				176		226	·	_		-	
27		32				- 	127		177		227		-			
28		36	35	78			128		178		228	· .	NO.	JOINTS DELIVERED	7	6
29		38					129		179		229		110.	JOINTS RUN	7	6
30		39			·		130	<u> </u>	!80		230			***		
31		36					131		181	<u> </u>	231		101	AL RUNOVERALL		
32		39				<u>.</u>	132	<u> </u>	182		232			FOR THREADS		
33	· 	39					133		183		233		-	AL THREADS OFF	281	8.07'
35			22			ļ <u>.</u>	134		184	<u></u>	234			TROTARY DRIVE		
36		<u>39</u> 39					136		186		235			J ROTARY DPIVE BUSHING J DERRICK FLOOR	220	101
37	·	39		87			137		187		237			TH FANDED	202	0.1
38		39					138		188		238		_1		282	ኒ# csg @
39			14	89			139		189		239			8' w/160		
40			07				140		190		240		i			ves. Plug
41		39					141		191		241			n at 10:		
42		39					142		192		212			e back s		
43		39	15	93			143		193		243			1s).		
44		39					144		194		211					····
45		39	16	95		 	145		195		245					
16		39	17	96			146		196		246		Me	asure tubular ç	joods i	with steel tope
47		39		97			147		197		247		_1	y. Use white 1		
48		39					148		198		248		_}	ord tape rea	odings	in feet and
19		39	15	99		<u></u>	149		199		249		hur	ndredths.		
50		36	25	100			150	L	200	<u> </u>	230	<u> </u>	Λ	0		
										nnnoven	Kor	weed !	L.	Seluce	Don	
•									^	PROVED R	ona 1	d S. Sc	hrae	eder, Pet	- 11	Engr.
		ŀ													[; ·	_

FLOAT EQUIPMENT
FARK (L) # 1 SWD
70' N of C E/2 NW/4
Sec 1-T28S-R18W
Kiowa County, Kansas

All measurements are from K.B. of 2200', 11' above ground level.

Ran 76 joints of 4½" 10½# used, range 2-3, Smith Supply casing to 2828'. Cemented casing with 160 sacks of Acid Service's common cement following a pre-flush of 500 gallons mud flush. Had good circulation throughout the job. Displaced the wiper plug to the baffle pressuring it to 1,500# pressure, released the pressure, and float held. Job completed 10:30 P.M. on 10-29-01.

Guide Shoe @ 2828'.

Insert Float Valve with Auto-fill @ 2789'.

Centralizers @ : 2820', 2673', & 2458'.

Baskets @ : 2805'.

Stop rings on top of basket and top of first centralizer.

Set casing in slips in bradenhead. Casing shoe at 2828'. Pumped 500 gallons of Acid Services mud flush chemical. Pumped 3 barrels of water-spacer ahead of the cement. Mixed and displaced 160 sacks Acid Services common cement containing 0.3% FLA-322, 0.1 defoamer, and 10% salt. Washed up hoses. Displaced wiper plug with fresh water. Bumped the baffle/float at 2789' with wiper, pressured to 1,500#. Released the pressure and the float held. Job completed at 10:30 P.M.

LEASÉ	/U8IT/	FÀC	LITY	· •	Southwi	ind	Pe	Corp	Fa	rk·(L)v	VE(L No	1 Sh-	DATE	10-2	9_(1		
PIPE RL	, size_ JN, size_	43	!! 	·	WEIGHT	10	5#	GRADE J-55	- TYPE JO	1NI	· · ·	MAKE Smit	h S	upp1y		NO F		
rire ŘL	JN. ŠIŽĖ_	<u> </u>						GRADE	_TYPE JO	int		MAKEO D.L.	$\Delta \mathbf{I}$	_I		- 5		
PIPE ŘL	IN. SIZE_	! :			WEIGHT			GRADE	TYPE JO	1NR	<u> </u>	wk.UKI	וט	VAL		NO. F	Ţ. <u></u>	
20.		STH C)F	NO.	LENGTH C	DF	NO	LENGTH OF	11	LENGTH OF		(Engin or		LENGTH OF	II		LY OF JOINTS	
		TIAIC			10101	1		10ivi1	NO	JOINT	NO	10101	140	INIOL			NOT RUN	
10 E		1 /	12		All controls and the second		101		151		201		251		-	NO	TOINT LENGTH OF	
2		1	11	·	 	T	102	 	152		202		252		.	- 1		
-			10	 	 		103	†	153		203		253 254			2		
5		!	94 11	ļ <u>.</u>	T		104		155		201		255			3		
6			 1 55		1		106	†	156		203		256			5		
7			34		1		107		157		207		257			6		
8		!	12	·			108		158	<u>i</u> -	208		258			7		
9		34	80	59	T	1	109		159		209		259			8		
10		32	38	60	36	34	110	-	160		210		260		-	9		
11	1 /	31	83	61	39	15	111		161		211		261			10		
12		<u>33</u>	33				112	 	162		212		262			11		
13			32	1			113		163		213		263			1,2		
14			48	1			114		164		214		264			13		
15			98				115		165		215		265			14		
17			56		1	7	116	 	166		216		266			15		
18			58 07		T		117	<u> </u>	167		217		267			16	i	
19			18		†	·	119		169		218		268		-	17 18		
20			80			+	120		170		220		270			18		
21			80				121		171		221		271			20		
22				72			122		172		222		272		-	21		
23			96				123		173		223		273			22		
2.4		32	05	74			124	\	174		224		274		-	23		
25			70				125		175		225		275	İ		24		
26		31	80	76			126		176		226							
27		32	59	77		<u> </u>	127		177		227							
28		7	35			i !	128		178		228		ИО.	JOINTS DELIVERED		7	6	
29			85			<u> </u>	129		179		229		140.	JOINTS RUN		7	6	
30			15			<u></u>	130		180	·	230							
32			93			<u> </u>	131		181		231			L RUN OVERALL		-	· · · · · · · · · · · · · · · · · · ·	
33		1	<u>13</u> 10				133	· · · · · · · · · · · · · · · · · · ·	183		232			OR THREADS		201	8.07'	
34			22			 	134		184		234		-	TITE BELOW:		201	0.07	
35			08			l 	135		185		235			ROTARY DRIVE		220	הי	
36			12			1	136		186		236			DERRICK FLOOR		20	<u> </u>	
37		ب	11			!	137		187		237		DEPTI	LANDED		282	8'	
38		39	14	88		!	138		188		238	·	HEMA	RKS Set 4			չ# csg	<u> </u>
39		39	14	89		_	139		189		239						common	
40		36	07	90		 	140		190		240						ves. Pl	
41		39	16	91			141		191		241			n at 10		,		
42						<u> </u>	142		192	<u> </u>	242		(Se	e back	sic	je	for đe-	
43			15			ļ 	143		193		243		tai	1s).		<u>. </u>		
44			15				144		194		211	<u> </u>	:		- 100 1 =	<u> </u>		
45			16				145		195		245		·			 	,	
47			17	96 97			146 147	i 	196	·	246					1	vith steel tap nen possible	
48			18 10				148		197	<u> </u>	247		_				in feet on	
49					i		149		199		249		-	dredths.		93	iii leel on	
50			15 25				150		200		230	<u> </u>		Λ	· · · · · ·	 		
	i i	<u></u>	<u> </u>	لسسا		لسست	<u></u> l		<u>l</u>	<u> </u>	12-	,!	}	y	:==	-		==
:									۸۲	PROVED	100	au p	1	Eluce	cd	en		
		•		٠.						1	Rona 1	d S. Sci	hrae	der, Pe	tr	E	ngr.	
																1		

FLOAT EQUIPMENT
FARK (L) # 1 SWD
70' N of C E/2 NW/4
Sec 1-T28S-R18W
Kiowa County, Kansas

All measurements are from K.B. of 2200', 11' above ground level.

Ran 76 joints of 4½" 10½# used, range 2-3, Smith Supply casing to 2828'. Cemented casing with 160 sacks of Acid Service's common cement following a pre-flush of 500 gallons mud flush. Had good circulation throughout the job. Displaced the wiper plug to the baffle pressuring it to 1,500# pressure, released the pressure, and float held. Job completed 10:30 P.M. on 10-29-01.

Guide Shoe @ 2828'.

Insert Float Valve with Auto-fill @ 2789'.

Centralizers @ : 2820', 2673', & 2458'.

Baskets @ : 2805'.

Stop rings on top of basket and top of first centralizer.

Set casing in slips in bradenhead. Casing shoe at 2828'. Pumped 500 gallons of Acid Services mud flush chemical. Pumped 3 barrels of water-spacer ahead of the cement. Mixed and displaced 160 sacks Acid Services common cement containing 0.3% FLA-322, 0.1 defoamer, and 10% salt. Washed up hoses. Displaced wiper plug with fresh water. Bumped the baffle/float at 2789' with wiper, pressured to 1,500#. Released the pressure and the float held. Job completed at 10:30 P.M.

LEASE, UNITY FACULTY Southwind Pe . Corp. Fark (L) WELL No. 1 St. DATE 10-29-01 X													· 34136	ŧ			
PIPE RU	N. SIZE 43	".		₹ M£ICHL	<u>10</u>	5#	GRADE J-55	_TYPE_IO	0101	,	MAKE Smit	h S	upp1y	N	io ri	r	
FIPE ŘU	N. ŚIŻE	-		WEIGHTGRADE					TYPE JOINTMAKE				NO. FT.				
FIFE RUN. SIZE			WEIGHT GRADE					TYPE JOINTMAKE			MARE <u>UK</u>	<u> JRIGINAL</u>				τ,	
	LENGTH		T			ī		1		==7==-7							
ΝО.	TIAIQL	OF	ΝО.	16nOIH O	F	NO.	101M1 TENGTH OF	NO	LENGTH OF	NO	LENGTH OF	NO	LENGTH OF			AOL FO YJ. NUR TON	
ioe	39	12	51	39	11	101		151		201		251		1	0	HIDHE!	OF .
2		111	-	39			· † ·	152		202		252			1		[
3	1	110	1	36				153		203		253			2		<u> </u>
4		94		39			·	154		204		254		_	3		
6		11		39		·		155		205		255		_	1		-
7		55 34		36		1		156	 	206		256			5	,	_ -
8		12		39 39				158		207	<u> </u>	257			6		
9		80		39		·	· -	159		208		258			8		
10		38		36			ļ	160		210		260			9	- 	
11	31	83	†	39				161		211		261			0		
12		: 33	1	39				162		212		262					-
13		32		39				163		213		263			2		
14		48		39				164		214		264		{}	3		-
15	32	98	65	39				165		215		265			1	**************************************	1
16	33	56	66	39				166		216		266		ī	5		†
17		58	67	39				167		217		267		ī	6		
18	33	-		39				168		218		268]	7		
19	33			36				169		219		269			8		
20		80		39			<u> </u>	170		220		270		!]	9		ļ
22		80		39	15	121		171	-	221		271		_ 2	0	**************************************	ļ
23		00			15	122		172		222		272		_ 2	11		
24		96		39				173		223		273			2	irt armenten flyndriaden en en	<u> </u>
25		05 70		39				175		224		274			3		<u> </u>
26		80		39 39				176		226		2/3	<u> </u>	- -	} 		
27		59		39	1/	127		177		227		ļ <u>.</u>		_!_	ᆜ		<u></u>
28		35				128	!	178		228		NO.	JOINTS DELIVERED	, <u>.</u> ,	7	<i>C</i>	
29		85		. !		129		179	<u>-</u>	229		-}	JOINTS RUN	, t	7		
30		15				130		180		230		1	***************************************		<u> </u>		
31	36	93	81			131		181	· · · · · · · · · · · · · · · · · · ·	231		101/	I RUN-OVERALL		 		
32	39	13	82	!		132		182		232		OFF	FOR THREADS				
33		10				133		183		233		101/	I THREADS OFF	2	81	8.07'	
34		22		<u> </u>		134		184		234			rire BELOW:				
35		08				135		185		235		-	ROTARY DPIVE BUSHING	2	20	0'	
36		12	86			136 137		186		236		- ·	DERRICK FLOOR		·		
38	39		88			137	<u> </u>	187		237			H LANDED	******	82		
39		14	89			138		188	<u> </u>	238			exs Set 4				
40	39	14 07				140		190		240			8' w/16	-			
41		16		· .		141		191		241			ent w/a n at 10				rug
42		13	92			142		192		242			e back				
43		15				143	<u> </u>	193		243			ls).	<u>5 1 U</u>		TOT OF	
44		15				111		194		211			<u></u>				
45	39	16	95			145		195	1	245	y von de Zuri				-=-		
16	39	17	96			146		196		246		Med	isure tubular	goo	Js v	vith steel to	ope
47		18	97			147	[197		247		only	. Use white	lope	wl	ien possil	ble.
48	1	<u>1</u> d				148		198		248		ļ	ord tape re	sadin	ġs	in feet o	and
49		15	99			149		199		249	i	hun	dredths.				
50	36	25	100			150.		200	<u> </u>	[2]0		\	0				
						•		٨	PPROVED	Kona 1	au b	L	der. Pe	ed) E~ È	inar	

FLOAT EQUIPMENT FARK (L) # 1 SWD 70' N of C E/2 NW/4 Sec 1-T28S-R18W Kiowa County, Kansas

ORIGINA

All measurements are from K.B. of 2200', 11' above ground level.

Ran 76 joints of 4½" 10½# used, range 2-3, Smith Supply casing to 2828'. Cemented casing with 160 sacks of Acid Service's common cement following a pre-flush of 500 gallons mud flush. Had good circulation throughout the job. Displaced the wiper plug to the baffle pressuring it to 1,500# pressure, released the pressure, and float held. Job completed 10:30 P.M. on 10-29-01.

Guide Shoe @ 2828'.

Insert Float Valve with Auto-fill @ 2789'.

Centralizers @ : 2820', 2673', & 2458'.

Baskets @ : 2805'.

Stop rings on top of basket and top of first centralizer.

Set casing in slips in bradenhead. Casing shoe at 2828'. Pumped 500 gallons of Acid Services mud flush chemical. Pumped 3 barrels of water-spacer ahead of the cement. Mixed and displaced 160 sacks Acid Services common cement containing 0.3% FLA-322, 0.1 defoamer, and 10% salt. Washed up hoses. Displaced wiper plug with fresh water. Bumped the baffle/float at 2789' with wiper, pressured to 1,500#. Released the pressure and the float held. Job completed at 10:30 P.M.