Rooks "

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	C NW NW NE Sec. 20 Twp. 8S Rge. 18 x West
Operator: License # + 9427	4950 Ft. North from Southeast Corner of Section
Name: Sharp Engineering	
Address 224 E. Douglas Suite 425	(NOTE: Locate well in section plat below.) Lease Name Pittman 'A' Well # 1
City/State/Zip Wichita, Ks. 67202	Field Name
Purchaser: Farmland	Producing Formation Arbuckle / L-KC
Operator Contact Person: Gary Sharp	Elevation: Ground 2025' KB 2030'
Phone 316-269-1160	Total Depth 3468' PBTD
	5280 4950 4620
Contractor: Name: Emphasis Oil Operations	4620 4290 3960 3630
Wellsite Geologist: Ed Schuett #47	4290 3960 3630 3300
License: 8241 Wellsite Geologist: Ed Schuett Designate Type of Completion New Well Re-Entry Workover as a second completion Workover with the completion New Well Re-Entry Workover with the completion Workover with the completion New Well Re-Entry Workover Well New Well Re-Entry Workover Well New Well Re-Entry Workover Well New Well	2970 2640 2310
X Oil SWD Temp. Abd. SWD Delayed Comp. Dry Other (Core, Water Supply, etc.) 1650 11320 990 660 330
If OWWO: old well info as follows: Operator:	25 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Well Name:	
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? Yes _ X No
Orilling Method: Mud Rotary Air Rotary Cable	If yes, show depth setFeet
1/22/91 1/28/91 5/14/91 Spud Date Reached TD Completion Date	feet depth tosx cmt.
82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with	and filed with the Kansas Corporation Commission, 200 Colorado s of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in -107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or ays from commencement date of such work.
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to t	ligated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Gauf Sharp	K.C.C. OFFICE USE ONLY
itle Engineer Date 5	5/17/91 F Letter of Confidentiality Attached Wireline Log Received
Subscribed and sworn to before me this $\frac{20 \text{th}_{\text{day of}}}{20 \text{th}_{\text{day of}}}$	C Drillers Timelog Received Distribution
Betty B. Herring 1007 00	KCCSWD/RepNGPANGPANGPAOther
BETTY B. HERRING	(Specify)
NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 10-07-93	Form ACO-1 (7-89)

SIDE TWO

Operator Name N-B	Company,	Inc.	Lease Name	Pittma	n 'A'	Well #	1			
0.5		☐ _{East}	CountyI	Rooks						
Sec. 20 Twp. 8S	Rge. <u>18</u>	West								
INSTRUCTIONS: Show interval tested, time hydrostatic pressures if more space is need	e tool open a , bottom hole :	nd closed, flowing a temperature, fluid re	and shut-in pre	ssures, whetl	ner shut-in pre	essure read	hed static level.			
Drill Stem Tests Take (Attach Additional		x□ Yes □ No		Formation Description						
Samples Sent to Geolo	gical Survey	Yes No		⊠ Log □ Sample						
Cores Taken		Yes No	Name		Тор	Bott	om			
Electric Log Run		Tyes No	Heebi		3161					
(Submit Copy.)	•		Toro:		3183 3202					
			Base	Kansas	City 3418					
			Arbuc	ckle	3451					
	· · · · · · · · · · · · · · · · · · ·		·							
	Report al	CASING RECORD	New X U		production, et	c.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives			
Production	7.875"	4.5"	10.5	3457	posmix	150	10% salt,			
					, , , , , , , , , , , , , , , , , , , ,		.75 CFR2, 5 pps gil			
							5 PP5 911			
Shots Per Foot	PERFORATION Specify Footag	I RECORD ge of Each Interval F	erforated		F racture, Shot, d Kind of Mater		Depth			
4	1470			Cmtd w/ 200 sxs Hal						
3	3391 - 95 '			light 500 gal.	<u>& 100 sx</u> 15% NE fol	s 60-4 lowed by	0 10sm1x			
3	3413-16'			1000 ga1 500 ga1	· 15% NE Fol	lowed by	7			
open hole	3457-3468	•		1000 gal	. 15% SGA					
TUBING RECORD	Size	Set At	Packer At	300 ga1 NE, 3000 Liner Run	gar. Nf 57 8	GA gal.	15%			
2	\$ize 3/8"	Set At 3453	TOOKCI AC	Linei kuii	Yes K	No				
Date of First Product	tion Producir	ng Method Flowing	∑Pumping ☐ G	as Lift 🗌 (Other (Explain)					
Estimated Production Per 24 Hours	oil 50	Bbls. Gas	Mcf Wate	r 2 Bbls.	Gas-Oil	Ratio 3	, o Gravity			
Disposition of Gas:	I	ME:	THOD OF COMPLETI	ION		P	roduction Interval			
Vented Sold	Used on L	ease Dpen	Hole Perfo	ration 🗆 🏻	ually Completed					
(If vented, subr	nit ACO-18.)	<u></u>	(Specify)		ale ,	1				
							,			

m

15-163-23137-00-00

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

	TIMAN A #1	T	ect No	1	1.	/26/91
N & B C	OMPANY & SCHUE	ETT	550 110	Zone Te	ateTOR	ONTO-LANS
	506 KUSSELL	KS 67665	<u></u>		2025	<u>a</u> L
Co. Rep./Geo. MR ED	SCHUETT					
					•	
Location: Sec. 20	Twp	Rge	1011	Co	Stat	e
nterval Tested	3170-3250		Drill Pine Size	e	4.5" X	Н
Anchor Length	HO .		•		Bottom Choke	_ 3/4"
op Packer Depth		-		•	Rubber Size -	
ottom Packer Depth	(24.27/2)		Wt. Pipe I.D.			<u> </u>
otal Depth			Drill Collar —	2.25 Ft. Run_	O	
Mud Wt						7.6
oolOpen@ 1:11 P						
	WEAK SURFACE E					
inal BlowVERY_W				***************************************	FOR 5	
	WEAK SURFACE					The state of the s
ecovery — Total Feet				Flush To	0 ?	
ec. <u>62</u>						
ecO						
ec. <u> </u>						**************************************
ecO						
	Feet of					
HT 101 · of	Gravity	ºAPI @	O	°F Correct	ted Gravity	O 0A
W@						
) Initial Hydrostatic Mud _	1544.6	PSI Ak1	Recorder No.	132	77 Range	4125
				3172	w/Clock No	17652
) First Final Flow Pressure	83.1		Recorder No	241		3350
) Initial Shut-In Pressure_	1051.2		(depth)	3247	w/Clock No	27501
Second Initial Flow Press	ure101.2		Recorder No	0	Range	0
Second Final Flow Pressu	re <u>84.3</u>		(depth)	0	w/Clock No	O
Final Shut-In Pressure	1012.6		al Opening	30		Rhition
) Final Hydrostatic Mud	1510.2		al Shut-In	45	STATE GO	ABURNAH.
s + 444	,		Flow	60	CERTE OF	OPORA HUM DOMM
			Shut-In	60	< M	AY 2 1 1991
		TO THE PARTY OF TH			CONS	RVATION DIVISION
-					W	ichita, Kansas

MR RUGER SELLS

550

TOTAL PRICE \$ _

Our Representative_

15-163-23137-00-00

550

TOTAL PRICE \$ _____

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No. PITTMA	N A #1	······································	Test No	2 Da	te1	/27/91
Company N & B COMPA	NY & SCHUE	II		Zone Tes	ted ARB	JCKLE
Address P.O. BOX 506	RUSSELL	KS 67	665	Elevation	2025	GL
Co. Rep./Geo. MR ED SCHU			•			
· 🖳			ge18W		ACTURES.	eKANSAS
345	5-3468				a =5" Y	
Interval Tested	 ප			e		
Anchor Length		-				- 3/4"
Top Packer Depth34		7277004				- 6 ³ /4"
Bottom Packer Depth 34 Total Depth 34	60	····		— 2.7 Ft. Run		
					0	
Mud Wt. 9.1				•		
Tool Open @ 3:24 PM						
MINUTES-WEAK SURI						
Final Blow VERY WEAK NO BLOW BACK	172 BLOW	BUILD	ING 10 12 -	BCED Z	FOR 2 MIN	***
Recovery — Total Feet120	0			Flush To	ol?	
Rec40 Feet of	CLEAN	OIL			-	
Rec. 60 Feet of	OIL CL	T MUD-	-40%0IL/60%	aum.		
Rec 20 Feet of	OIL CL	IT MUD-	-10%0IL/90%	.aum		
RecO Feet of	:					
RecO Feet of						
BHT °F Gravity				ºF Correct	ed Gravity	30 ₀API
RW@	°F Chlorides		ppm Recov	ery Chlori	des N/A	ppm System
A) Initial Hydrostatic Mud						
B) First Initial Flow Pressure						
C) First Final Flow Pressure			AK1 Recorder No.			2050
D) Initial Shut-In Pressure	855.6	PSI	@ (depth)	3465	_ w/Clock No	27501
E) Second Initial Flow Pressure	70.4	PSI	AK1 Recorder No.	Ö	Range	0
F) Second Final Flow Pressure	70.4	PSI	@ (depth)	0	_ w/Clock No	O
G) Final Shut-In Pressure	799.6	PSI	initial Opening	30		BEARINES
H) Final Hydrostatic Mud	1699.3	PSI	Initial Shut-In	45	STATE CO	RECEIVED
			Final Flow	60	. M	IV o cases
			Final Shut-In	60	ڭ ٍ `	12/1901
			- Managhanganananananananananananananananan		Gansi	RVATION DIVISION ichita, Kansas

MR ROGER SELLS

Our Representative_

EMPHASIS OIL OPERATIONS

P. O. BOX 506

RUSSELL, KS 67665

change of open ston to Sharp Engineering

DRILLERS LOG

OPERATOR: N-B Company, Inc.

P. O. Box 506

Russell, KS 67665-0506

LEASE: Pittman 'A'

WELL #1

CONTRACTOR: Emphasis Oil Operations

Box 506

Russell, KS 67665

LOCATION: C NW NW NE

Section 20-8S-18W Rooks County, Kansas

LOGGERS TOTAL DEPTH: 3462'

ROTARY TOTAL DEPTH: 3468'

COMMENCED: 1/22/91

CASING: 8-5/8" @ 220' w/140 sks cement

4-1/2" @ 3457' w/165 sks cement

ELEVATION: 2030' K.B.

COMPLETED: 1/28/91

STATUS: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Topeka	2951 '	RECEIVED	
Shale	1446'	R.T.D	3468"
Anhydrite	1405'	Arbuckle	3453 '
Shale	1126'	Base Kansas City	3141'
Cedar Hill	910'	Lansing-Kansas City	3202 '
Shale	685 '	Toronto .	3186'
Dakota Sand	565 '	Heebner	3162 '

Wichita, Kansas

) ss COUNTY OF RUSSELL)

)

STATE OF KANSAS

Kelly P. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Subscribed and sworn to before me on January 29, 1991.

My commission expires: February 6, 1992.

GLENDA R. TIFFIN GLENDA K. HIPPIN NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 2-6-92

	013R-2			Section 1988	ahri awahidi	SANCES AND ASSESSMENT OF SERVICE AS	Set 1 September 1994	STAL FACE PAGE NO
CHAR NO.	т	RATE (BPM)	VOLUME (BBL) (GAL)	PUN	MPS *	PRESSUR	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15-163-23137-00-07
	1500	三分為。	4.6.20		1		2 2 3 3 3	BU WE SET UP EVIN & PLANTING
			´ - A			3.1	to the	1137 SETO 1500'
						· · · · · · · · · · · · · · · · · · ·	影	4/2 COMP PER SET @ 1476 GUZZETSG
	1520	- ,-		٠.			4	HOCK UP TO T36
	1525					500	19 4	PLESSAE TEST TSG & TOOLS TEST GOOD
					<u> </u>			SET PXRO 1400' TO SYNEIT PERS
		<u> </u>	-		ļ		d (k)	4 HOLE 18 1470
						500		LUAD & PRESSURE ANN - TEST GOOD
	,	1			_			CLUSE IN ANN
******		2	4	1/20	-	500	4 74	ESTABLISH JUSECTION PLATE & BOLLING
-				<u> </u>		1	11-12	G 600 PX GET BLOW FROM
	<u> </u>				<u> </u>		1	SULFILE CARIL MEAD
	1545	-			ļ	600		START MIX CMT
			65	Cat	ļ			200 sks the wy 24cc & 4# Fractil
			19	CMT			**	100 stes 60/40 Por 24666 24.00
				<u> </u>		750		GET CINT RET URVS TO SURFACE
			r mr davi		<u> </u>			CIRC APPROX HERE & THEN 2" LINE
	1608		·	ļ	ļ	850	Committee of the Committee of	PLUS OF - SQUEET REST EM
						and the second	enter i	INTO WELL O 1888/MIN All PRESULE
	<u> </u>			ļ	ŀ	4. 《秦教》	,	100-150 PST
	1430			<u> </u>		750		FINISH MIX CAT - CLUSE IN TBG
	·		_ s					WASHOUT PUMP & LINE
			5/2	120				CPENTIL - DISP TB6 510PW/5484
	1.			ļ	-			DISP - REACHED MAY PRESSURE 1000 FST
				-	ļ	, , vier		CLUSE TSE WASH UP P.T.
			-	ļ .	ļ	600		OPEN TEE DED LIBIT PESSIE &
	1706			 	 	400		MANE STORE PRESSANE TO
,	1730	63.		<u> </u>	-	240		PRELENSE PRESSURE TO TEN DRIES UP
4-2-				-	ļ	**	n sag	PETERS PAR & REJERGE OUT TRE
	· ·				ļ		107	Knock Loose Pur 25Ts
www.circuis.co.de.H	1740			FOF	VE	200	. 3	SET PIECE PRESSURE SYVEETE TO ZOUPS
		· ·	STATE CO	PORAT	GN C	OWWISSKW	100	SCLOTEN RIG TO DRILL CAT
-			1	,	1	31001	175/	54T MM
	<u> </u>	·	1	AY 2	1			I plan !
			CON	SERVAT Wichita	ON E	IVISION sas		
		-		WICHIG	, can		7	MEL CHILDERS
-							<u> </u>	MENT GABEL D. WELL BRUCE

A landar and the land of the l

	election Elle FICKET NO		Late of the second
ATTENDED AND A	CHAPTO SEE	建筑市公司	Now Your St.
INDERICE O	TOVETNO		阿·姆·斯

DISTRICT	HN-15	The second secon	INVOIGE A TICKE	2-2(-9/)
	CESYOU ARE HE EPENDENT CONTRACTOR TO: LL PRODUCTS, SUPPLIES, AND MATI	GEODESTED TO PURNISH E	E Sharp Eng	TO DELEVER AND OPERATE
WELLING: 1	COUNTY ROOKS	The second se	OWNED BY SAME	PANGE
FORMATION: NAME: FORMATION:	HE FOLLOWING INFORMATI		HE CUSTOMER OR HIS AGI	Control Control of Con
ACKER: TYPE	FROM 10 SET AT 3	LINER.	236	ISM PBTO
KORE HOLE:		OPEN HOLE PERFORATIONS	14/	SHOTS/FT.
	BPD HO BPD GAS	PERFORATIONS FERFORATIONS		
	DATE: TYPE: TREAT THRU TUBING IT ANNULUS VEZE PERFS W/			
		too SKS Guldo	1 for 24 ii 2	<u>éce</u>
As consideration, the above-name	ARRANTS THE WELL IS IN PROPER Of Customer agrees. THIS CONTRACT with the rates and terms stated in Halliburton unit by the last day of the month following the manufacture of the second of the month following the manufacture.	T MUST BE SIGNED BEFORE WORK IS COM	MENCED.	A SECTION
but never to exceed 18% per of 20% of the amount of the t b) To defend, indemnify release any claims, liability expenses 1. Danace to property by	r arnum. In the event it becomes necessary to unpaid account, and hold harmless Halliburton, its divisions, sul- attorneys fees, and costs of defense to the ext	employ attorneys to enforce collection of said oscillaries, parent and affiliated companies and entipermitted by law for.	reas of pay meress referent after default at account, Customer agrees to pay all collections of the officers, directors, employees, agents and	the highest lawful contract rate application costs and attorney bees in the amount of the form and against the form agai
Reservoir, formation, or Personal injury or death from poliution, subsurface	well loss or damage subsurface trespass or an or property damage (including, but not limited as pressure, losing-control of the well and/or a w	y action in the nature thereot. damage to the reservoir, formation or well), well blowout or the use of radioactive material.	or any damages whatsoever, growing out of	or in any way connected with or result
the preparation, design, man not apply where the claims subsidiaries, parent and affilia c). That because of the uncertain	ise and hold harmless obligations of Customer in the unseaworthiness of any vessel owned on placture, distribution, or marketing thereof, or for liability are caused by the gross negligence ted companies, and the officers, directors, employers of variable well conditions and the necessary results of any treatment passet wice for these results of any treatment passet with a first terms.	om a failure to warn any person of such defe or willful misconduct of Hallburton. The term yees, agents and servents of all of them	ect in the data, products, supplies; materials of Such defense, indemnity, release and ho "Halliburton" as used in said Sections b) a	 or equipment of Helliburton whether d harmless obligations of Gustomer st nd c) shall mean Halliburton, its division
will use their best efforts in any damages arising from the	dathering such information and their heef lighter	nent in interpreting it but Customer agrees in	ysis, job recommendation of other data turn it Halliburton shall not be liable for and Cus	shed by Halliburton Halliburton person stomer shall indemnify Halliburton again
punitive or consequential dam e) That Customer shall at its ris shall new Halliburina its resta	ages. k and expense, attempt to recover any Halliburi	on equipment tools or instruments which are to	st in the well and if such equipment, tools or	n De liable for special incidental, indire
 f) To waive the provisions of the g) That this contract shall be go. 	coast of the cost of repairs inless such dema- oring, be fully responsible for loss of or damac is such loss or damace is caused by the sole he Deceptive Trade Practices. Consumer Protective remed by the law of the state where services are	of Act, to the extent permitted by law,	128/1991	
	ound by any changes or modifications in this co	PLIATE	n is made in writing by a dylv authorized exe READ AND UNDERSTAND THIS CONTRAC M AUTHORIZED TO SIGN THE SAME AS C	· · · · · · · · · · · · · · · · · · ·

We certify that the Fair Labor Standards Act of 1938, as amended, production of goods and/or with respect to services furnished under vith in the

TIME

exchapters classed modification is made in writing by a duty authorized executive officer of Halliburton Thave Read and understand this contract and represent Conscious Pavation Division Partial Administrator to Sign the Same as customer's Agent.

Wighits, Kasanso

HALLIBURTON SERVICES

JOB SUMMARY

DIVISION

KEA HOMA

74:15-163-23137

BILLED ON ASIAL TS

LD	sec. Twe.	L DATA	COUNTY ROOK	5 ;	STATE	K ₃
RMATION NAMETYPE		NEW USED	WEIGHT SIZE	FROM	то	MAXIMUM PSI
		CASING	UK		1 1 1 1 2 N/L + 12 1/4 1/4	ALLOWABLE
	то	· " 	1	2 . 2 W . March Car.	1500	CA OF WAR
FIAL PROD: OILBPD. WATERBPD.G	1.				Mr. Nac	a desired to
SENT PROD: OILBPD. WATERBPD.G	ASMCFD	TUBING.	110	1, 135.		
MPLETION DATEMUD TYPE		OPEN HOLE	A TO THE REAL PROPERTY.	· 带女 ·		SHOTS/FT.
KER TYPESET A	r	PERFORATIONS		e de la companya de l	1470	41100
TOM HOLE TEMP. PRESSURE		PERFORATIONS	and the state of	1 disk	14.75	
G. DATATOTAL D	BPTH	PERFORATIONS				* ,
700.0	JOE	DATA	4 May 128 1777	•		
TOOLS AND ACCESSORIES	MAKE	DATE 2-2691	2-21-9		691	COMPLETED
DAT COLLAR	- 10/1	TIME /200	TIME /570	DATE 2-2	DAT	1. 7 17
PAT SHOE		- A	PERSONNEL A			
DE SHOE						
ATRALIZERS			NAME S	UNIT NO. &	TYPE	LOCATION
		M. CHA			Peter	d Alam Anna
TOM PLUG		A. 6A	SEC "		AA	75, KJ
PLUG			and the state of t		BT.	ing.
AD	4. cee	D. WE	ic Brock -	57252	1.11	145, KJ 🗀
KER		Francisco Company	Company of the Same			
ER	*	The second	Jan 4 10 January	· repaired to constant	Property.	د میشود
MATERIALS	*	A COLUMN TO THE REAL PROPERTY.	The second secon			, e.
			*: 1	· ·		er e
AT, FLUIDDENSITY	LB/GALAPI			1		
PL. FLUIDDENSITY	LB/GAL. API	*	a sad gra	<u> </u>	. 1	·
P. TYPESIZE	LB	· To Marine		· . · · · · · · · · · · · · · · · · · ·		
P. TYPE SIZE		1 12 12 15 15 15 15	n ta the second with the second			
D TYPEGAL.	*	The Contract of the Contract o	<u>0.43 20 5</u>	3. S.		
D TYPEGAL.	* . ,	Section 1	the state of the section	1,50		
D TYPE GAL,	*	. Sep.	The same of the			• , -′
PACTANT TYPE GAL.		DEPARTMENT	CEMENT	er de la companya de La companya de la co		
	- IN		and the second			
		DESCRIPTION OF JO		TEXES		
IID LOSS ADD.TYPEGALLE.	in	· · · · · · · · · · · · · · · · · · ·	191 met 18 y	<u> </u>	* .	
LING AGENT TYPEGAL,-LB.	IN		na green to the later of the la	3.35		
C. RED, AGENT TYPEGALLB.	IN	· · · · · · · · · · · · · · · · · · ·	AND THE PROPERTY OF THE PARTY O			
SAKER TYPEGALLB.	IN	JOB DONE THRU: T	UBING	ASING A	NNULUS 🔲	TBG./ANN.
CKING AGENT TYPEGA	LLB.		94 / 1		*	* .
PPAC BALLS TYPEQT	Υ	CUSTOMER TEPRESENTATIVE	Xlans	Sha C)	
ISR	A			7		•
IER		HALLIBURTON OPERATOR	1. K. 1 C	helder	COFIES REQUESTED	*
	CEME	NT DATA	Trans.	** ·		
TAGE NUMBER OF SACKS TYPE CLASS BRAND	BULK SACKED	APDI	TIVES	The state of the s	YIELD CU.FT./SK.	MIXED LBS./GAL.
200 HIC 1	B 24cc		ELEICK		1.84	12-7
100 60140 A PVZ	R 246EL			***************************************	1.09	15.1
100 6940 A 142		大されている。変化では			1001	131
		- 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			 	<u> </u>
	· · · · · · · · · · · · · · · · · · ·		The state of the s	• .		
	a de la compansa de l		e de la companya della companya della companya de la companya della companya dell	-	<u> </u>	
PRESSURES IN PSI	SUMMAR		VOL	UMES	- 50°-	
DISPLACEMENT_		RESLUSH: BEL-GAL		TYPE	· · · · ·	te de regionale
EAKDOWN MAXIMUM		OAD & BKDN: BBL		PAD:	BBLGAL	
TRAGEFRACTURE GRADIENT		REATMENT: BBL,-GA	ike-	DISP	L: BBLGAL.	
T-IN: INSTANTS-MIN.	""RECEIVED "	EMENT SLURRY: BB	LGAL.			. 1.0,
HYDRAULIC HORSEPOWER	CORPORATION COMMIS	SIGN VOLUME : DO	GAI	-	· . ·	
PERED AVAILABLE	COMPONATION COMMIS		REMA	RKS		
AVERAGE RATES IN BPM		Se SUB	LUE	· · ·	~ : ^ · ·	*
ATING DISPL. OV	MAY 2 8 1991					
CEMENT LEFT IN PIPE	5/28/199	77				
,	ONSERVATION DIVISION	,				
REASON U	Wichita, Kansas					*****



BULK MATERIALS DELIVERY

FORTHVOICE AND 0.802.75

HALLBURTON SERVICES

TICKET CONTINUATION

221	CUSTOMER ORDE	R NO.	`,		WELLN	4	ARM ittm	811		co	UNTY	Rook	3		STATE K.S	4
RGE TO	a Inc. Sh	ARÍ	En	T .	OWNER \$	Same	- 4			CONTRA				No. B	9040)3
LING ADDRESS					1	RED FRO		- 1		LOCATIO		E PR	EPARED I			
& STATE		,			DELIVE	RED TO	124	· 3		TRUCK N	10.		CEIVED B	Y ·		
	SECONDARY	CODE	<u> </u>		13/4	. KTS	THY:	TTTE	, K8	512	,	<i>S</i> ,	CHIL	LOERS		
PRICE REFERENCE	REF. OR PART NO.	LIE		•	DES	CRIPTIO	N .			UNIT	S 1		ITS 2	UNIT PRICE	AMOUN	IT
504-316		18	Hall	Libur	ton	Ligi	nt Co	emen	t	200				5.2	1,04	7
		\coprod	ļ		· · · · · · · · · · · · · · · · · · ·	· · ·	·		· , , , .	. *						
		₩	 			* '				er vilogija. Posledaj	-		-			1:
•		$oldsymbol{+}$			\$ 30°.	-	rs ragas			4 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	- 134	· · · · · · · · · · · · · · · · · · ·		1	Edinary Light	\vdash
504-302	516.0026			Cu.				Smt.	· 027	4 1 4 1	186 14 15		By.			-
	516.0028							to late		60 40	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	m	7	3.00	327 120	+
	516.0025	+									2	1700	1	3.0	4 14	+
	890.5081									6	1)		26.25	N/C	_
	890.5007					·		- 4, 3, 0,		30	1b	****	+	1.30		+
	516.0005							- s ±d		2	<u> </u>	~ -, V	1	8.6	<u> </u>	\perp
	,		1 70	, ,	٥*,		The same of the sa							- 1 · · · · · · · · · · · · · · · · · ·	# 1.24 1	
		\coprod	1 1			andy.		7(1)) <u>*</u> *	y March		n),ŧ	1		وأفر	
			ļ		-		<u>e</u>	W.	\$4.57 to				-		•	Ļ
	•	\dashv					(2)	a garage	KA)	-		-			-
•		-		<u> </u>		<u>S</u>	~		40.7		 		**			+
	**************************************	H			36/1	\rightarrow						•				+
	., .	\vdash		<u> </u>	1/2				<u> </u>	ECEIVE	D	7. (+-		* William	H
	*				Vas.			STA	TE CORP	ORATION	COM	HISSION	1	,		T
			_	· · · · · · · · · · · · · · · · · · ·						v 2.8	199	5/	28/	199	/	-
	-	\coprod		.			- 1/4 - 1		INIT	DVATION	PIVIG	ION	17	2		
			Returned Mileage Charge		TOTA	L WEIGH	 Т		roadei V	RVATION lichita, Kr	ansas	N MILES		1.7		
	;	\prod		•						4	7			.		H
		\vdash	SERVICE	CHARGE C	ON MATE	RIALS RE	TURNED		* **	•	cu	. FEET			· · · · · · · · · · · · · · · · · · ·	
500-207		18	SERVICE						· .v'		cu	31		1.10	347	.6
500-306 500-307		18	Mileage Charge	27	,770 TOTAL	WEIGHT	and the same	-	12 LOADE	D MILES	то	166. NMILES	62	-75	124. 16	9
B9040	30							· · · · · · · · · · · · · · · · · · ·		Y FORWAR		T	SUB-	TOTAL		21
			FORM 1911	- R6 REV. 8	8-85										<u> </u>	

Phone 913-483-2627, Russell, Kansas Phone 316-793-5861, Great Bend, Kansas 15-163- 23137-00 -00 Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. NO. Home Office P. O. Box 31 Russell, Kansas 67665

9293

	Sec.	Twp.	Range	C	alled Out	On Location	Job Start	Finish				
Date	91 20	8	18	19:0	OPM_	10:30 PM	11:45 PM	Val Bok				
Lease	Well No.	4"#	Location	Pain	Villa Las	3302N3EK	County	State N S 15				
Contractor E M F	42515 all	ppers	Tibus /	9.09	Owner	3410						
Type Job Styf	A ALCONOMIC	*			To Allied (Cementing Co., Inc. reby requested to rent co ad helper to assist owner	monting againment	1 6				
Hole Size		T.D.	224	/	cementer an	ed helper to assist owner	or contractor to do v	ork as listed.				
Csg.		Depth	225		Charge A/							
Tbg. Size		Depth		7.00	To // X B B// 60							
Drill Pipe		Depth			Street		Mary Printers & Company of the Compa	·				
Tool		Depth			City The above w	as done to satisfaction ar	State Id supervision of owner	r apent or				
Cement Left in Csg.	125	Shoe Join	ıt	, , , , , , , , , , , , , , , , , , ,	contractor.			agent VI				
Press Max.		Minimum		,	Purchase Ord	A 1						
Meas Line		Displace	Mary Company of the C		X	W who						
Perf.			- 70	· · · · · · · · · · · · · · · · · · ·	Section No.	CE	MENT					
					Amount Ordered	40 313 60/1	10 Faz 5/666	and the second				
	EQUIPME	NT		Consisting o	*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
11 177 No.	Cementer	10	Maul	MaN	Common							
Pumptrk	Helper	Wi	16 35		Poz. Mix							
No.	Cementer			,	Gel. Chloride							
Pumptrk	Helper				Quickset							
4 213	Driver	Ji/	VI D									
Bulktrk Bulktrk	Driver		·									
	Dilver						Sales Tax					
DEPTH of Job	The same of the state of the st	1			Handling 3	TI-FA BEULIVEN						
Reference:			1		Mileage St	TATE OF THE PROPERTY OF THE PARTY OF THE PAR	MISSION					
	11/10/ pi	<u>rak</u>				MAY 2 4 400	Sub Total					
	and the second	119				CE 1991	Sub Total					
	•	Stranger				CUNSERVATION DIVIZIO	7/					
		Sub To	***************************************		Floating Equ	Wichita, Kansas	Total					
		Tax			***************************************	,						
Remarks:		T	otal		-		`1					
3, 6		100	*· v _i ,		···							
6 40000	1 Carre	0.74										
,						and the second second						
					# 1	A STATE OF THE STA						
atomic metallication and an arrangement of the second					present the second	A No.						
			1	<u> </u>								
								•				

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract. "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

-TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

-ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited

to, a reasonable sum as and for attorney's fees.

-PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

-TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

-PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

-DEADHAUL CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S

current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

-SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner: and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract,

unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements

caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accom-

plish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

	July Comments					
FORM 1906 R-11 WELL NO. FARM OR LEASE NAME		COUNTY	95-163- SIAIE	交替相 多,	-deid Herig	
# PITTONAN	1674 (1874)	Red	4 5		OCATION:	2.7/ 5/ 1
	Λ Σπ e		OWNER JAME		TICKET TYPE (CHECK ONE) SERVICE SALES	NATROGEN JOB
ADDRESS SHARP	Engine	errag.	CONTRACTOR AND LUCK	7.7	LOCATION	CODE
CITY, STATE, ZIP			SHPPED VIA	REIGHT CHARGES	D LOCATION	CODE
	CATEGORY	WELL PERMIT NO.	DELIVERED TO	PPP COLECT	LOCATION	CODE
TYPE AND PURPOSE OF JOB	13		NW PLANT	7.4 5.4 (4.4 (4.4 (4.4 (4.4 (4.4 (4.4 (4.	TEFERRAL LOCATION	
As consideration, the above-name	ed Customer agrees to pay Helli	B-	na stated to fall arrors a com-		In NET her the 20th of the Edit	
of invoice. Upon Customer's default in few feet in the amount of 20% of	payment of Customer's accounter to exceed 18% per annum. I unt of the unpaid account. These the property and	burton in accord with the rates and term in by the last day of the month followin in the event it becomes necessary to en a terms and conditions shall be governed	ng the month in which the invoice sploy an attorney to enforce coll d by the law of the state where a	o is disted, Customer agre- lection of said account, Cu prvices are performed or	es to pay interest thereon afte stomer agrees to pay all collec- quipment or materials are furn	r default at the highest tion costs and attorney ished.
Halliburton warrants only title to FTMESS FOR A PARTICULAR PURPOS of action (whether in contract, fort, pupplies or materials on their return to punitive or consequential damages.	E OR OTHERWISE WHICH EX oduct liability breach of war Halliburton or, at Halliburton's	TEND BEYOND THOSE STATED IN TH anty or otherwise) arising out of the option, to the allowance to the custo	ments in workmanenin and mate ie immediately preceding s sale or use of any products, omer of credit for the cost of a	rials THERE ARE NO WAR ENTENCE Halliburton's l supplies or materials is such itums in no event s	RANTIES, EXPRESS OR IMPLIE ability and customer's exclus expressly limited to the repla- all Halliburton he liable for s	D, OF MERCHANTABILITY, ive remedy in any cause cement of such products, pecial, incidental, indirect,
PRICE SECONDARY	A was seld to a later of the selection	PESCRIPTIO	un l		NITS 2 UNIT	The supplies of the second
REFERENCE OR PART N	O. C. ACCOUNT		OTY	, MEAS OT	the second of the second of	AMOUNT
060-117	AND THE RESERVE TO A SECOND SE	MILEAGE REA 30		210		
009-134 009.0	STATE OF THE PARTY AND THE PAR	Funt Stavic	The second second second	e in		7 87 7 6 7 6 7
		resulting the appeals of the property of	en de la companya de La companya de la co			
		10.1				
			And the second			
		The second secon				
		10.43		i		
				D	CEIVED	
			At any one of the	STATE CORP	MATION COMMISSION	
			4.3	i in	7.912.10.01	
				115	-28-199	
				ii l	nija Kwasas	
The state of the s				j þ.		
	RIJIK MATERIAL	DELIVERY TICKET NO.	D			
WAS JOB SATISFACTORILY COMPLETED?	A SECOND POR	WE CERTIFY THAT THE FAIR!	AROR STANDARDS ACT OF 19	904050 88, AS AMENDED HAS BE MITH BESDECT TO SERVICE	eas - Wichella Charlin a contraction	1870 25
WAS OPERATION OF EQUIPMENT SATISFACTOR	· value of the contract of		DUCTION OF GOODS AND OR V ITRACT	nes-tu-10 SERVIC	to the second second	
WAS PERFORMANCE OF PERSONNEL SATISFAC	TORY?	- Molver V	الملالمات		SUB TOTAL	
CUSTOMER OR HIS AGENT (PLE)	ASE PRINT)	HALLIBURTON	HALLIBURTON OPERATO	OR SAME		PPLICABLE TAXES WILL ADDED ON INVOICE.
CUSTOMER OR HIS AGENT (SIGN	JATURE)	APPROVAL	JSTOMER			

CUSTOMER