API NO. 15- 009-24,406

### STATE CORPORATION COMPLISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	County Barton Ea	_
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	NE SE NW Sec. 28 Twp. 16 Rge. 11 X We	st:
Operator: License # 9911		O.
Name: Har-Ken Oil Company	Ft. West from Southeast Corner of Section	חכ
Address 2932 NW 122nd - Unit 16	(NOTE: Locate well in section plat below Lease Name Well #	( ۱۰
City/Changlin Ohlahama City OV 72120	Field Name Kraft-Prusa	_
City/State/Zip Oklahoma City, OK 73120	Producing Formation Lansing, Conglomerate, Arbuck	:1
Operator Contact Person: M. Stuart Kirk	Elevation: Ground 1918 KB 1923	_
Phone (405) 752-0318	Total Depth 3455† PBTD	
Contractor: Name: Duke Drilling Co., Inc.	5280 4950 4620	
. License: <u>5929</u>	4290 3960	
Wellsite Geologist: Paul D. Willis	3630	
Designate <b>Type of Completion</b> Werkever Workover	08-13-90 2970 08-13-90 1980 1650	
Oil SWD Temp. Abd. Gas Inj Delayed Company Other (Core, Water Supply, etc.)	PECENTER 1650 111 1650 111 1650 1990 660	
operator:	13 100 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-A
	Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented at 401': Fed Amount of Surface Pipe Set and Cemented Amount of Surface Pipe Set and Cemente	et
	If yes, show depth set Fer	
Mud Rotary Air Rotary Cable	If Alternate II completion, compart singulated from	
pud Date	feet depth to w/ sx cm	t.
INSTRUCTIONS: This form shall be completed in triplicate and Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-	and filed with the Kansas Corporation Commission, 200 Colorado 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-	0 0

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or

conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

Signature M Stuart Kinh
Title: Agerit Kirk Date 8=10=90
Subscribed and sworn to before me this 10th day of August
Notary Public Land W. Willis
Paul D. Willis Date Commission Expires February 20, 1994
6. 1994 1. 1997

F Lette	C. OFFICE USE ONL or of Confidential	
	ers Timelog Recei  Distribution SWD/Rep Plug	vedNGPAOther (Specify)

#### SIDE TWO

Operator Name	lar-Ken Oil	Company	Lease Name	Rous		Well #	1
		East	County	Barton			
Sec. <u>28</u> Twp. <u>1</u>	<u>6</u> Rge <u>11</u> .	XX Vest		A.			
INSTRUCTIONS: Show	important tops ime tool open a es, bottom hole	and base of format and closed, flowing temperature, fluid r	and shut-in pre	ssures, whet	her shut-in pre	essure reach	ed static level.
Drill Stem Tests Ta (Attach Addition		Yes No	, 4		Formation Desc	ription	
Samples Sent to Geo	logical Survey	X Yes No	, , , , , , , , , , , , , , , , , , ,		□ Log □	Sample	
Cores Taken		Yes No	Name		Тор	Bottom	1
Electric Log Run (Submit Copy.)					765 2639	.793 · 2654	
			Topeka Heebne		2674 2968	2968 2971	
			Toront Dougla	s,	2984 2997	2997 3064	
			Brown Lansin Conglo	g	3064 3085 3352	3073 3326 3387	<i>i</i>
		· • · · · · · · · · · · · · · · · · · ·	Arbuck		3387 <sup>-</sup>		
	Report a	CASING RECORD	New X U		production, et	<b>c.</b>	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks   T Used	ype and Percent Additives
Surface	12½"	8-5/8"	20#	401'	60/40poz		%gel 3% cc.
Production	7-7/8"	5½"	15.5#	3451	60/40poz	150 <u>I</u>	<u>8%salt</u> .75%Hala 32
Shots Per Foot	PERFORATION Specify Footag	N RECORD ge of Each Interval R	Perforated		Fracture, Shot,		eze Record Depth
2	3393-95			Dumped 1	bbl acetic	acid	3393-95
4	3388-92			plus l 200 gal	15%NE acid	350 max	3388-92
				press @ 1000 gal gal dive	ż BPM 15% NE aci rter, used ad	d w/250 750 gail	
				diesel p	ad		
TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes X	No	
Date of First Produ	uction Producin	g Method Flowing	Pumping G	as Lift 🗆 C	other (Explain)		
Estimated Production Per 24 Hours		Bbls. Gas & A	Mcf Water		Gas-Oil	Ratio	Gravity
Disposition of Gas:	·	HE	THOO OF COMPLETI			· Pro	duction Interval
Vented Sold		·	Hole Perfor		•		
		X Other	(Specify) Plu	igged 7-2	5-90 	,	
						·	<del></del>

009-24,406 HAR-KEN #1 Rous NE SE NW sec 28-16S-11W

		•	e <sub>e</sub> s	ORI.	GINAL
		val 3065to 31	20 ft. Times: OP	10" si 20" or 1	
	20' Mud		· ·		
Pressures:		IFP		внт — 103°	
•				30" SI -60" OP -6	
Recovery: —	200! Gas in pi	oe, 80' clean ga	ssy oil, 120' ga	as cutemud	<del> </del>
Pressures:		1FP 43-58 FFP 72-94		внт _ 102°	<del>.`</del>
est # Formation -		val ———to ——		SI OP	SI
Pressures:		IFP		9нт ————	
st # Formation - Recovery:	Test Inter	valto		SI OP	SI
Pressures:	ISIP	IFP			
۶. st # Formation -			FHP ft. Times: OP	SI OP	SI
Recovery: —				·	
Pressures:	ISIP ————	JFP	IHP	внт	
Well Completion:  Perforation record:	Forma	tion Depth	Treatme	nts Swab Test	<u> </u>
					<u> </u>
o. Final Status:				STATE CORDINEATI	VED M COMMISSION
Oli Well	Ges Well	D&AX	SWDW	— AUG 13	1990
initial Production	on			CONSERVATION Wichita, Kan	

## ORIGINAL

#### DRILLER'S WELL LOG

DATE COMMENCED: DATE COMPELTED:

February 5, 1990 February 10, 1990 Har-Ken Oil Company

ROUS #1 NE SE NW

Sec. 28, T16S, R11W Barton County, Ks.

0 - 110' Surface Soil, Shale, Post Rock

110 - 550' Shale

550 - 759**'** Red Bed

759 - 795**'** Anhydrite

795 - 1390' Shale

1390 - 1931' Shale & lime

1931 - 2634' Lime & Shale

2634 - 2645 Lime

2645 - 26691 Shale & Lime

2669 - 2966' Lime

2966 - 2971' Shale

2971 - 2986' Lime & Shale

2986 - 2996' Lime

2996 - 3063' Shale

3063 - 30821 Lime & Shale

3082 - 3321' Lime

3321 - 3387' Shale, Lime, Congl.

3387 - 3455' Dolomite ELEVATION: 1923 K.B.

Surface Pipe: Set new 8-5/8', 20# pipe @401'

w/195 sacks 60/40 pozmix

2% gel 3% cc.

Production pipe: Set new & used 5½", 15.5# @3451' w/150 sacks 60/40 pozmix w/18%salt & .75% Halid 322 w/5# Gilsonite

per sack in last 100 sacks, w/20 bbls. salt flush ahead.

Affidavit

State of Kansas, County of Barton SS:

Leonard Williamson, of lawful age, does swear and state that the facts and statements contained herein are true and correct to the best of his knowledge.

Subscribed and sworn to before me this 20 day of February 1990.

My Comm. Expires: 5-5-1990

LUG 13 1990

Wichita, Kansas





UK	HALLIBURTON SERVICES	WORK OF	RDER CO	NTRAC	T				
FORM 19	NOS R-7 A Division of Halliburton Company	AND PRE-	TREATME	NT DA	TA			0.790	875
DISTRIC	or 6+BOND	,					DATE	2-5	900
то: н	HALLIBURTON SERVICES Y	OU ARE HEREBY REQU	ESTED TO FL	IRNISH EC	QUIPMENT A	ND SERVI	CEMEN TO	DELIVER A	ND OPERATE
Т	THE SAME AS AN INDEPENDENT CONTRACTO	OR TO:	al t	DYI	6 (	-0.			
A	AND DELIVER AND SELL PRODUCTS, SUPPLIE	S, AND MATERIALS FOR	THE PURPOSE	OF SERVICE		IER)			
TO: HALLIBURTON SERVICES  YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE  THE SAME AS AN INDEPENDENT CONTRACTOR TO:  AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING  WELL NO.  LEASE  SEC.  TWP.  RANGE  THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT  FORMATION NAME  TYPE  CASING  CASING  TUBING  TUBING  TUBING  TUBING	NGE //								
FIELD _	COUNTY	SAND STA	TE K	S	OWNED	BY_ HA	R-K	(1)	
	THE FOLLOWING II	NFORMATION WAS	FURNISHE	BY TH	E CUSTON	MER OR H	IIS AGEN	Т	
					WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMA	TION	то	CASING	N	20	85/8	店	400	
PACKER	R: TYPE	SET AT	LINER						
TOTAL	DERTU MIID WEIGH	_	TUBING						
	THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT  TO STATE  SET AT  DEPTH  MUD WEIGHT  MUD WEI	SHOTS/FT.							
			PERFORATION	ONS					
			PERFORATION	ons					
PRESE	NI PROD: OIL BPD, H2O	BPD, GAS MCF	PERFORATION	ONS					
PREVIO	US TREATMENT. DATE	TYPF			MATERIAL	5			
			TUBING/AI	NNULUS [	The Control of the Co		VER ORDER	ED	
	Q+ 400	23/8'SW/1	95 X	5 41	1607	507	370		
		7/2 /			7				
			* * * * * * * * * * * * * * * * * * * *	•		As the			
CUSTO	MER OR HIS AGENT WARRANTS THE WELL IS					ES, MATERIA	LS, AND SE	RVICES	
	payment of Customer's account by the last day of the mon- but never to exceed 18% per annum. In the event it become	th following the month in which the	ne invoice is dated,	Customer agi	rees to pay intere	est thereon afte	r default at the	highest lawful co	ntract rate applicab
b) 1	To defend, indemnify, release and hold harmless Halliburtor			npanies and t	he officers, direc	tors, employees	s, agents and se	ervants of all of t	hem from and agair
			the well owner (i	different from	m Customer), inc	luding, but not	limited to, surfa	ice and subsurfa	ce damage. The ter
					or any damages	whatsoever, gro	wing out of or	in any way conne	ected with or resulti
1	negligence, strict liability, or the unseaworthiness of any the preparation, design, manufacture, distribution, or market	vessel owned, operated, or furn eting thereof, or from a failure to gross negligence or willful misc	ished by Halliburto warn any person onduct of Halliburt	of such defer on. The term	ect in the data, a	products, suppli , indemnity, rele	es, materials, case and hold h	or equipment of harmless obligation	Halliburton whether
c) ;	That because of the uncertainty of variable well conditions supplies or materials, nor the results of any treatment or se will use their best efforts in gathering such information an any damages arising from the use of such information.	and the necessity of relying on the accuracy of any control of the accuracy of the	facts and supporting	g services fur research anal	ysis, job recomm	endation or oth	er data furnishe	ed by Halliburton.	Halliburton personn

- That Halliburton 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. Halliburton's liability and Customer's exclusive remedy in any 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 is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, incidental, punitive or consequential damages.
- That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law
- That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- That Halliburton 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 executive officer of Halliburton.

AUG 1 3 1990 I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT LAM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED CONSTRUATION DIVISION CUSTOMER Wichita, Kansas DATE TIME A.M. P.M.

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 services furnished under this contract.

CUSTOMER

# HALLIBURTON SERVICES JOB LOG

CUSTOMER PAGE NO.

CHART		RATE	VOLUME	PUM	PS	PRESSUE	RE (PSI)	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	Т	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
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						CONSERVAL Wichitz	HON DIVISIO	
AND SERVICE NO.						Cinta	Kano	



#### JOB SUMMARY HALLIBURTON LOCATION

HALLIBURTON DIVISION

BIL	L	ED	ON
TIC	K	ET	NO.

CASING  LINER TUBING  OPEN HOLE  PERFORATI	NEW USED	WEIGHT	SIZE	FROM	TO 44()	MAXIMUM P ALLOWABL
EFD LINER TUBING OPEN HOLE	USED	WEIGHT	648	IC 1Se	400	ALLOWABL
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TUBING OPEN HOLE		SECTION SECTION			The second second	
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PERFORATI				That.	1771	SHOTS/FT
BEDEGRAF						
PERFORATI						
PERFORATI	ions					
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_ DATE		DATE		DATE	DA	re -
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		PERSO	ONNEL AN	D SERVICE	UNITS	
		NAME		UNIT NO. &	TYPE	LOCATION
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CUSTOMER REPRESENTA	ATIVE X	1 Set	E. E. Survey Sur		white is	The rest of the
_ /	A		17. 1	1		
HALLIBURTO OPERATOR_	N	7 1	2-1		COPIES REQUESTED	
ENT DATA				1.574		
	ADDIT	TIVES			YIELD CU.FT./SK.	MIXED LBS./GAL.
$C \subset \mathbb{R}^{n}$					1,7200	14/18
MMARY			VOLU	IMES		
PRESLUSH: BB	BLGAL			TYPE_		
_ LOAD & BKDN:	BBLGA	.L		PAD	BBLGAL	77
TREATMENT: I	BBLGAL	- /		DISF	PL BBL GAL	A6.
		1	5/)		1	
STATE	ALPI					
	L. BBLG			ARKS		
411		HUMA	IISSIQNI			
AU	9 7	1000	"			
		17711		THE PARTY OF THE P		
		DIVISION				
E	DATE TIME  TIME  TIME  DEPARTMEN  DESCRIPTIO  JOB DONE 1  CUSTOMER REPRESENT  HALLIBURTT  OPERATOR.  ENT DATA  MMARY  PRESLUSH: BE  LOAD & BKDN  TREATMENT: LOAD  CEMENT SLUR	DEPARTMENT DESCRIPTION OF JOB  JOB DONE THRU: T CUSTOMER REPRESENTATIVE X HALLIBURTON OPERATOR ENT DATA  ADDIT	DATE TIME  TIME  PERSONAME  NAME  DEPARTMENT  DESCRIPTION OF JOB  CUSTOMER REPRESENTATIVE  HALLIBURTON OPERATOR ENT DATA  ADDITIVES  MMARY  PRESLUSH: BBLGAL.  TREATMENT: BBLGAL.  TREATMENT: BBLGAL.  CEMENT SLURRY: BBLGAL.  TOTAL VOLUME: BBLGAL.  TOTAL VOLUME: BBLGAL.	DATE TIME  PERSONNEL AN  NAME  DEPARTMENT  DESCRIPTION OF JOB  CUSTOMER REPRESENTATIVE X  HALLIBURTON OPERATOR  ENT DATA  ADDITIVES  MMARY  VOLU  PRESLUSH: BBLGAL	DATE TIME TIME TIME  PERSONNEL AND SERVICE  NAME UNIT NO. &  UNIT NO. &  DEPARTMENT  DESCRIPTION OF JOB  JOB DONE THRU: TUBING CASING CASING CONTRACTOR  CUSTOMER REPRESENTATIVE X  HALIBURTON OPERATOR  ENT DATA  ADDITIVES  MMARY  VOLUMES  TYPE  LOAG & BKDN: BBL. GAL. TYPE  PAD  TREATMENT: BBL. GAL. DISP  CEMENT SUURNY: BBL. GAL. TOTAL VOLUME: BBL. GAL.  TOTAL VOLUME: BBL. GAL. REMARKS	DATE DATE TIME TIME TIME TIME TIME TIME TIME TI



## WORK ORDER CONTRACT AND PRE-TREATMENT DATA

INVOICE & TICKET NO. 890974

_					INVOIC	E & TICKET	NO.	
DISTE	RICT GREAT GEODIS					DATE	2-10	- 90
то:	HALLIBURTON SERVICES YOU ARE HEREBY REQU	ESTED TO F	JRNISH E	QUIPMENT	AND SERV	CEMEN TO	DELIVER A	ND OPERATE
	THE SAME AS AN INDEPENDENT CONTRACTOR TO:	AR-X	6,5	OIL	co.			
	AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIAL			(CUSTO	DMER)			
	2			20		11.		
WELL	NO. LEASE XAUS		SEC.	nd 0	TWP	the 3	RAN	IGE 1100
	COUNTY RANTON STA	ATE KS	,			SAN	1/	
FIELD	THE FOLLOWING INFORMATION WAS I		D BY TL		J D1			
FORM	ATION	I	NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW.
NAME			USED	1	-11		7 49	7.3.1.
	ATION	CASING		15/2	5/2	0	3459	Title !
DACK	ER: TYPESET AT	LINER			84	18	401	
	A AND	TUBING						
TOTA	L DEPTHMUD WEIGHT					11.1	3455	
BORE	HOLE	OPEN HOLI				401	2700	SHOTS/FT.
INITI	AL PROD: OILBPD, H2OBPD, GASMCF	PERFORAT	IONS					
		PERFORAT	IONS					
PRES	ENT PROD: OILBPD, H2OBPD, GASMCF	PERFORATI	ONE					
		PERFORATI	ONS					
	IOUS TREATMENT: DATETYPETYPETHENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CA			MATERIA				
CUICT								
CUST	OMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITIO				PPLIES, MAT	ERIALS, AN	DSERVICES	
As	THIS CONTRACT MUST BE consideration, the above-named Customer agrees:	SIGNED BEFOR	E WORK IS	COMMENCED				
	To pay Halliburton in accord with the rates and terms stated in Halliburton's current p. Halliburton shall not be responsible for and Customer shall secure Halliburton against an		age to prope	rty of Customer	and of the well	owner (if differe	nt from Custome	r) unless caused h
	the willful misconduct or gross negligence of Halliburton, this provision applying to but no	ot limited to subsu	rface damag	e and surface d	amage arising	from subsurfac	e damage.	
(c)	Customer shall be responsible for and secure Halliburton against any liability for rese well blowout, unless such loss or damage is caused by the willful misconduct or gross neg			erty damage res	ulting from sub	surface pressur	e, losing control	of the well and/or
(d)	Customer shall be responsible for and secure Halliburton against any and all liability of a service operation performed by Halliburton hereunder.	of whatsoever natu	re for damag	es as a result of	subsurface tres	spass, or an acti	on in the nature t	hereof, arising from
(e)	Customer shall be responsible for and secure Halliburton against any liability for injury to the well), or any damages whatsoever, irrespective of cause, growing out of or the willful misconduct or gross negligence of Halliburton.							
(f)	Halliburton makes no guarantee of the effectiveness of the products, supplies or material	als, nor of the resu	ults of any tre	eatment or serv	ice.			
(g)	Customer shall, at its risk and expense, attempt to recover any Halliburton equipme Customer shall pay Halliburton its replacement cost unless such loss is due to the sole ne Halliburton the lesser of its replacement cost or the cost of repairs unless such damage isc Customer shall, in addition to the foregoing, be fully responsible for loss of or damage the landing until returned to the landing, unless such loss or damage is caused by the sole	gligence of Hallibu caused by the sole e to any of Hallibu	irton. If Hallit negligence o irton's equip	ourton equipme of Halliburton. In	nt, tools or instr the case of equ	uments are dam uipment, tools o	aged in the well, rinstruments for	Customer shall pa marine operations
(h)	Because of the uncertainty of variable well conditions and the necessity of relying of interpretation, research analysis, job recommendation or other data furnished by H in interpreting it, but Customer agrees that Halliburton shall not be responsible for a misconduct in the preparation or furnishing of it.	on facts and supp Halliburton. Hallib	oorting serviceurton person	nel will use their	best efforts in	gathering such	information and	their best judgmer
(i)	Halliburton warrants only title to the products, supplies and materials and that the same MERCHANTIABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE S remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) products, supplies or materials on their return to Halliburton or, at Halliburton's opt special, incidental, indirect, punitive or consequental damages.	STATED IN THE I	MMEDIATEI sale or use of	Any products, s	SENTENCE. upplies or mate	Halliburton's rials in express	liability and Cu ly limited to the r	eplacement of suc
(j)	Invoices payable NET by the 20th of the following month after date of invoice. Upon Custo invoice is dated, Customer agrees to pay interest thereon after default at the highest lawfr attorney to enforce collection of said account, Customer agrees to pay all collection costs	ul contract rate a	oplicable but	never to exceed	d 18% per annu	m. In the event	it becomes nece	
	This contract shall be governed by the law of the state where services are performed of Halliburton shall not be bound by any changes or modifications in this contract, except we	here such change			riting by a duly	authorized ex	ecutive officer o	f Halliburton.
	CONSERVATION DIVISI Wichita, Kansas	1011					ACT AND REPR CUSTOMER'S	
	and the second s	SIGN	NED	WE A	N /	CUSTOMER	2	
		DAT	E_2	-10-	70			

TIME /2:15 AM. P.M.

CUSTOMER

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 services furnished under this contract.



TICKET No. 890974-7

A Division of Halliburton Company

FORM 1906 R-11						100								
WELL NO FARM OR L	EASE NAME			COUNTY	S	TATE		CITY / OFF	SHORE I	OCATION		DATE		0.
	Rous			DARTON		KS.						<b>कर्च</b>	- 15-	
CHARGE TO	reas on		æ.		OWNER 5-9	~~				SERVICE SERVICE	SALES		NITROG	
ADDRESS					CONTRACTOR					SERVICE LOCATION		CODE	NO S	
					Duk	6 2	Dec	C.		626	ar de	CIC	50	320
CITY, STATE, ZIP					SHIPPED VIA			PD C		2 LOCATION CODE				
WELL TYPE	WELL CATEGOR			WELL PERMIT NO.	DELIVERED T					3 LOCATION	I		CODE	
01 016		CA	el.		100	ATI	onl		T.Cos Bergy					
035 C	nt. AROW.	cs	G.	B- 879283	THE RESERVE OF THE PARTY OF THE					REFERRAL LO				
As considerat of invoice. Upon C lawful contract rat	on, the above-named Custom ustomer's default in payment e applicable, but never to exc	of Cu eed 18	stomer's according per annum.	liburton in accord with the rates and ter unt by the last day of the month follow: In the event it becomes necessary to et se terms and conditions shall be governe	ms stated in Hall ng the month in mploy an attorne	which the i y to enforce	urrent pric invoice is e collectio	e lists. Invo dated, Cust n of said ac	omer agre count, Cu	ble NET by the 2 ses to pay interests stomer agrees to	Oth of the fo st thereon af o pay all colle	llowing meter default ection cos	onth after of t at the high ts and attor	ate lest ney
Halliburton ware FITNESS FOR A PAI of action (whether i supplies or materials punitive or consequent	arrants only title to the product RTICULAR PURPOSE OR OTH In contract, tort, product liab on their return to Halliburto	ets, sup HERWI bility, I	pplies and mat SE WHICH EX breach of war at Halliburton'	se terms and conditions shall be governe erials and that the same are free from di (TEND BEYOND THOSE STATED IN Th- rranty or otherwise) arising out of the s option, to the allowance to the custo	ed by the law of the efects in workma HE IMMEDIATELY as ale or use of omer of credit for	ne state wr inship and r PRECEDIN any produ or the cost	materials. NG SENTE lcts, supp of such	THERE ARE NCE. Hallit lies or mat items. In no	NO WAR ourton's I terials is o event s	RANTIES, EXPRE iability and cust expressly limited hall Halliburton l	SS OR IMPLI tomer's excluded to the replaced t	ED, OF M usive remacement special, in	ERCHANTAE edy in any of such pro ncidental, in	Cause ducts, direct,
PRICE	SECONDARY REF	L		2500000			UNITS	1	U	INITS 2	UNIT	I		
REFERENCE	OR PART NO.	O C.	ACCOUNT	DESCRIPTIO	JN		ΩΤΥ	MEAS	αт	MEAS	PRICE		AMOUN	
000-117		/		MILEAGE			28	mi.			2.=		41	60
001-014		1		Tump CHARGE			345	11.			990.	Ţ_	990	OG
030-018		1		5% SW PLUC			1	EA.			53.		53	06
12 A	825.205	1		5½" REG. GUIDE SHOCE			1	GA.		-	104.		104	00
244	815.19251	1		5½ INSERT FLE	DAY VA	WE	- 1	EA.			83.		83	00
27	815, 19311	1		AUTO FILL UP	ASSM.		1	EA			30.		30	00
40	867, 93022	1		3%" 5-4 CENTRE	HIZER!	5	4	EA		* I	44.	4	174	00
								1		1				
								1		1				
				1	(C)			1						
				1 m(2)	100		TI		1	3 !				
			- C	74113	AC 1	10	1111	1		1				
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				111 11	1833			1						
				Ullist n				i		i				
		1	T	1270										
	NI	1		The second second										
	11/1/6	1		DEAR.				1						
	11 -			STATE CORPORATION	VED									
				Allo	A HIMMISS	SION		1						
				400 13	1990									
				CONSERVA										
				Wiehita, Kan	DIVISION			1		1				
AS PER	ATTACHED BULK	M	ATERIAL	DELIVERY TICKET NO	).	B-	8	79	28	3		1	781	74
WAS JOB SATISFACTORILY	COMPLETED?			WE CERTIFY THAT THE FAIR COMPLIED WITH IN THE PR	ODUCTION OF G	ARDS ACT (	OF 1938.	AS AMEND	ED HAS B	EEN 🦳				
WAS OPERATION OF EQUI	PMENT SATISFACTORY?			FURNISHED UNDER THIS CO	ONTRACT.									
WAS PERFORMANCE OF P	ERSONNEL SATISFACTORY?			- m 23	0 0	) _	4)	. E. u	1.1	2000	SUB			
x THUL	- D, WI	4	417	111.1.100	HALLIBUR	TON OPE		W 1 8d	VA.	W.	TOTAL		ABLE TAX	
CUSTOMER OR I	HIS AGENT (PLEASE PR	INT)	,	HALLIBURTON								BE ADI	DED ON IN	VOICE.
^	HIS AGENT (SIGNATURE	=)		I APPROVAL	CUSTOMER	R								



## JOB DIVISION DIVISION DIVISION LOCATION

HALLIBURTON DIVISION LOTELLA TH

CAT BEND

BILLED ON \$ 90 904

										the self-self
LD		_SEC	8 TWP. 11	RNG.		COUNTY	85178	27013	STATE	KJ.
RMATION NAME	TYP	E			NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM I
RMATION THICKNESS				CASING		13/2	3/2	30	3459	7.7
TAL PROD: OILBPD. WAT			MCFD	LINER 50	R.F.		83/4	KB	401	1
SENT PROD: OILBPD. WAT		GAS	MCFD	TUBING			0			
MPLETION DATEMUE				OPEN HOLE		N-AMERICAN SERVICES		401	3455	SHOTS/FT
KER TYPEMOL	SET A			PERFORATIO	NS					
				PERFORATIO	NS					
TOM HOLE TEMP.	PRESSURE	3	1455	PERFORATIO						
C. DATA	TOTAL	DEPTH	CHARLES THE RESIDENCE	DATA						
TOOLS AND	ACCESSORIES		JOBI	CALLED OUT	г	ON LOCA	TION	JOB STARTE	D JO	B COMPLETED
TYPE AND SIZE	QTY.	N	MAKE	DATE	10	DATE	7-10	DATE 2	10	TE 2-/1
not be	1									
			000	TIME /O	.00	Company of the Company	CONTRACTOR OF THE PARTY OF			NE 14 30
AT SHOE	/			-			ONNEL ANI	Control of the last of the las		
DE SHOE	1	* )			-000	NAME	,	UNIT NO. 8	really	LOCATION
ITRALIZERS	4	11		The state of the s	-		1 5084		Charles of the second second second	(12)
TOM PLUG				w. le	MES	ON L	79300	3/3	79 6	A Chi
PLUG	/	11								
D F.b.	1	1"								
KER										
ER										
MAT	ERIALS									
AT. FLUID	DENSITY		I B/GAL -ABI							
PL. FLUID	DENSITY		LB/GAL-API							
P. TYPESIZI		LB								
P. TYPESIZ							N.S. Baltiell			
D TYPE			%							
	GAL									
	GAL		/o	The second second	1	- James of				
RFACTANT TYPE	GAL.	IN		DEPARTMENT	-	age F.				
AGENT TYPE	GAL	IN		DESCRIPTION	OF JOB.					
JID LOSS ADD. TYPE	GALLB.	IN			4	3/10				
LING AGENT TYPE	GAL-LB	IN		doni	. 50	KOU	250			
C. RED. AGENT TYPE	GALLB	IN				-		- 3 - 1/2		
AKER TYPE	GALLB.	IN		JOB DONE TH	IRU: TL	BING	CAS	SING D	ANNULUS	TBG./ANN.
CKING AGENT TYPE		GALLB.		CHETTA	V	1	011	11/	in.	
FPAC BALLS TYPE		TY.		CUSTOMER REPRESENTAT	TIVE X	Mens	E AU,	111	edding.	
IER						7	7,			
HER	THE PARTY OF			OPERATOR	177	81	Sely 14	()	COPIESREQUESTED	
			CEMEN	TDATA			1			
TAGE NUMBER OF SACKS CEMENT	BRAND	BULK			ADDIT	IVES			YIELD CU.FT./SK.	MIXED LBS./GAL
160 40 Fat 60	STADLAN	11 0	266C	1845AL	7 ,	25/1	LALAI)	322	1.32	14.6
30 % loz los	MANAR.	1 0	9.661 1	84 5/12	1 9	59 the	2000	777		
			- 11	Service Prof. Prof. 2.		5 2/5	Vroce	0141	1.43	14.58
							45 5 55	A Sear-		
PRESSURE	5 IN PSI		SUMM	ARY			VOLU	MES		
ULATING	DISPLACEMENT_			PRESLUSH: BBL	-GAL	20		TYPE.	5AL-	7
AKDOWN	MAXIMUM	CONTROL	7065	LOAD & BKDN:	BBLGAL			PAC	D: BBLGAL	e -
RAGEF	RACTURE GRADIENT_	SUMPOPAT	1219	TREATMENT: BE	BLGAL		160	DIS	PL: BBLGAL.	82.01
T-IN: INSTANT	MIN.	15-MIN	SAMMARS S	CEMENT SLURR	Y: BBL.	GAL 23	874	11 75	- 34	2 There
HYDRAULIC	HORSEPOWER	UG 1 7	1000	TOTAL VOLUME:	BBLG	AL				
		_USED	1770				REMA	RKS		
EREDAVAILABLE_							Control of the Contro		A STATE OF THE REAL PROPERTY.	
EREDAVAILABLE. AVERAGE R	ATEC IN DOM	ERVATO		400 1	SHE	T FE	B 796	CFGU	5/4	
AVERAGE R	ATEC IN DOM	ERVATION	MINISTER .	1607	SHE	5021	ACS	1-3-	5-2	
AVERAGE R	ATEC IN DOM	SVCDALL.	01V/S10N	1607	CAL	504	LAES	1-3-	5.4	

## JOB LOG

FORM 2013 R-2

WELL NO. | LEASE ROUS TICKET NO. 890974

CUSTOMER HAR-KEN OIL CO. PAGE NO. |

JOB TYPE CHATT PROD. CSC. DATE 0-10-98

CHART	TIME	RATE (BPM)	VOLUME (BBL)	PUM	IPS	PRESSUE	RE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS				
NO.		(врм)	(GAL)	Т	С	TUBING	CASING	DESCRIPTION OF GLERATION AND MATERIALS				
	10:00							CALLED OUT				
	11:00							ON LOCATION				
	12:00							START ESC.				
								BREAK CLRC.				
,	1320	-	0				200	Run SARY PREFLUSH 20 BU.				
	W. D. Mark D.	7	0				The way	AUD OHLY THETEUSH SOUL.				
-/	57						80 6 2	2 - 1 - 1 7				
(	1725	8	20				230	mix cont. NOSKS Yolo Poz				
1								(34.22 Bec.)				
	1332							TLUSH LINES				
	1335	8	54.20				600 000	"RELEASE PLUE START DISI"				
								(82.01 BbL)				
1												
	1352		136.22	-			1000	Rue Down				
	1353		1 047134					RECEASE * HELD				
1	2 000							ACCOUNTE FORELL				
1												
								,				
-								WASH UP TRK				
								RACK UP				
1	1436							JaB Comp.				
)												
						STATE		THANK YOU				
						TATE COS		THANK UGU m. BolyARD w. WILSON				
						4.00	1 3 100	wie son				
						20	1 5 199					
						CONSERVA	May Bus					
						ARAMETT!	Kansas					



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND	
TICKET NO.	2707 79

DATE	CUSTOMER ORDE	R NO.	WE		co		STATE							
2-10-90				Rous #1			Bart	on	Ks.					
CHARGE TO			OW	NER		CONTRA	CTOR			D	27929	53		
Har-Ken MAILING ADDRESS				Har-Ken		Duke	e Drl			No. B879283				
MAILING ADDRESS				LIVERED FROM					ARED BY					
CITY & STATE			Gr DEI	reat Bend, Ks.		5032 TRUCK N			C.Her	ıry				
						0077	7-666	0	>51	2/100				
		T		Location					1.11	CA A	MALLED			
PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION		UNITS 1 UNITS 2				UNIT PRICE	AMOUNT	Г		
		L D						QTY. MEAS. QTY. IN						
			150 40%Pozmi	ix/60%Cement			!		<u> </u>					
504-308	516.00261	1 B	Standard Co	ement		90	sk		!	5-35	481.	.50		
506-105	518.00286	1 B	Pozmix A			60	sk		1	2.79	167	.40		
506-121	516.00259	1 B	3 Hallibur	ton Gel 2% allo	wed%				10			NC		
509-968	516.00315	1 B	Salt Blende			300	lb.	(	2/2	0.052	67	.60		
509-968	516.00158	1 B	Salt not m			400	lb.	1	10	.052	20	.80		
	70.15573			lended 5#W/100		500	1b.	10	1	-35	175	.00		
	516.00144			Blended .75%W/1		97	26.	7	!	5.60	543			
507-775	516.00144	1 13	Harau-Jee I	Prended • 1 7/0// 1		1	1	<b>·</b>	+	7.00	7.7			
					(	1			+					
					-	B	!		+					
					7	>								
				6	12		1		!					
					9				1					
				2/2					1					
				(5)					1					
	47.5			9					1					
				(S)										
				7/17										
			4	<u> </u>					!					
									<u> </u>					
			Returned Mileage	STATE BOXESTO	6									
				TOTAL WEIGHT	LOADED	MILES	TON	MILES						
				MATERIALS RETURNED 1	00n		011							
			SERVICE CHARGE ON I	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE			CO.	FEET						
500-207		1 B	SERVICE CHARGE	GONSERVATION DIV Wighits, Kansa	ISION		CU.	FEET 18	34	-95	174.	80		
			Mileage 15	1-455	28		21	6.37			5			
500-306		1 B	Charge 7	OTALWEIGHT	LOADED	MILES	TON	6.37 MILES		-70	151.	46		
No. B 879	3283				CARRY	Y FORWA	RD TO IN	VOICE	SUB-	TOTAL	0	-		
			FORM 1911 - R6 REV. 8-85								1781.	76		

PAGE 1 OF PAGES
FORM 1906 R-11



TICKET No. 015626 -6

A Division of Halliburton Company

WELL NO FARM OR LE	WELL NO. — FARM OR LEASE NAME			(	COUNTY				ATE CITY / OFFSHORE				TON	D	DATE		
Al Rous	5				Borton K			KS	KS					) NITROGEN JOB			
CHARGE TO	^		0.11					OWNE							CHECK ONE)		1 [
ADDRESS	en Hgen	t	OK						RACTOR				SERV	OCATION	SALES _	CODE	NO _
ADDITEO								A	1				1	Corn	+ Reno	IV CAR	20
CITY, STATE, ZIP								SHIPP	ED VIA		IGHT CH	ARGES	2	OCATION	The same of the	CODE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
								C	o Tr	-K _	PPD	COLLEC					
WELL TYPE	WELL CATEGO	RY		WELL	PERM	AIT NO.			ERED TO				2	OCATION		CODE	
01	0	6							ocet	hon			3				
TYPE AND PURPOSE OF	JOB			B.	- 0		2 88	ORDE	R NO.				REFE	RRAL LOC	CATION		
As consideration	on, the above-named Custo	mer aq	rees to pay Hal	lliburton is	n accor	rd with 1	the rates a	and terms state	d in Hallibu	rton's current p	rice lists. I	nvoices p	ayable NE	T by the 2	Oth of the follo	wing month after	date
of invoice. Upon Cu lawful contract rate fees in the amount	on, the above-named Custo ustomer's default in paymer a applicable, but never to ex of 20% of the amount of th	t of Cu ceed 1	stomer's account The	In the ev	e last d	day of the	e month f	following the m y to employ an	onth in wh attorney to	ich the invoice o enforce collectate where ser	is dated, ( tion of sai	d account	agrees to Custome	pay interes er agrees to	st thereon after pay all collect terials are furnis	default at the hig ion costs and atto shed	hest rney
Halliburton wa	rrants only title to the production AR PURPOSE OR OT	ucts, su	pplies and mat	erials and	that the	he same	are free f	rom defects in	workmansl	nip and material	s. THERE	ARE NO V	/ARRANTI	ES, EXPRE	SS OR IMPLIED	o, OF MERCHANTA	BILITY,
of action (whether in supplies or materials punitive or consequen	rrants only title to the production of their return to Halliburgial damages.	ability, on or,	breach of war at Halliburton'	rranty or s option,	others to the	wise) ari	ising out	of the sale or e customer of	use of an	y products, su the cost of suc	pplies or h items. I	materials n no ever	is expres	sly limited alliburton b	to the replace be liable for sp	ement of such precial, incidental, i	oducts, ndirect,
		L								UNI	re 1	1	UNITS	2			
PRICE REFERENCE	SECONDARY REF OR PART NO.	0 C.	ACCOUNT			DES	SCRIP	TION		QTY	MEA	s	QTY	MEAS	UNIT PRICE	AMOUNT	
				MILE	EAG	Ε				20	i			1	2 37	117	00
000 117		1								10	1 1003			1	2.50	7/	60
090 910		1		Pu.	mp	C	heres			2	he				370.00	370	00
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					1	1		HA	)								
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	MA	1	11														
	11/4/1	1							,		1			1			
	110						0	Yaya I	Enri	EA	-		-				
							Ŷ.	TATE OOR	PORATA	EU.							
								4110		S WINES	SION			1			
								400	13	1990	1						
								COMPRE		- 0	-						
								GONSER Wiel	VALIGN	DIVISION	1			l I			
AS PER A	ATTACHED BULL	K M	ATERIAL	DELI	VER	RY TI	CKET	NO.	ma. Ngi	B- 9/	292	88				2011	75
WAS JOB SATISFACTORILY COMPLETED?						WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPUED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES											
WAS OPERATION OF EQUIP					COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.								0				
	RSONNEL SATISFACTORY?				T 0 11 0								/				
. /n	DAVIS				-		76	VETT	IDI IDTO	O C M	11 CT	/			SUB TOTAL	PPLICABLE TAX	CES JAME
^	IS AGENT (PLEASE PI	RINT)						HAM	LIBURIO	N OPERATO	n					E ADDED ON I	
	O Dievin				HAL	LLIBURT	ON										
	IS AGENT (SIGNATUR	E)						CUSTO	OMER								

CUSTOMER



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND 015626

DATE CUSTOMER ORDER NO.  CHARGE TO					WELL NO. A	UNTY	N	KS.						
HAR-KEN MAILING ADDRESS	GENT OK				HAR-KE	EN AGENT (	OK	CONTRA					9092	88
MAILING ADDRESS  CITY & STATE		GREAT BENDY KS.  DELIVERED TO					LOCATION CODE PREPARED B  50320 W.R. M  TRUCK NO. RECEIVED BY				OUSER			
				LOCATION					2656-6605 July B					
PRICE REFERENCE	SECONDARY REF. OR PART NO.	COL			DESCRIPTION			UNITS 1		OTY.	S 2 MEAS.	UNIT	AMOUN'	т
504-316		1	B	HALLIBUR	ron Ligh	IT CEMENT		250	sk			5.64	1,410	00
507-277	516.00259					I. 2% ADD			SK			13.75		00
507-210	890.50071	1	B	FLOCELE	BLENDED	1/4LB W/	250	63	LB		+	1.30	81	90
											35	>		
											)			
									10					
								12	7		-			
							(	2/2						
							A P	_			-			
						4	70				-			
						15								
					~C	, \					-			
					All)									
				<b>\</b>	1/1.									
			1	Returned Mileage Charge	TOTALW	FIGHT PARTS	LOADE	D MILES	TO	N MILES				
					STA	TE COMPORA	CARMINS						1	
		4029		SERVICE CHARG		AUG 13	1990			J. FEET			1	
500-207		4	-	Mileage Charge	23.5	CONSTRUCTION 53 Wishita, Ka	Ulvision Itias	20		J. FEET	262	1.10	288	20
500-306 No. B909	288	19	B		total weight Carry forward to invoice Sub-total									65
			FO	ORM 1911 - R6 RE	V. 8-85								2,011	75



### WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO	015626
INVOICE & TICKET NO	010000

	A Distriction of Famourosis Company					TICKET NO	013	620
DISTR	er Greet Bend, Ks.					DATE	7.25	-90
	THE SAME AS AN INDEPENDENT CONTRACTOR TO:	JESTED TO F	JRNISH EC	ent c	OK	EMEN TO D	ELIVER A	ND OPERATE
	AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR	THE PURPOSE	OF SERVI	CING	MER)			
WELL	NO. LEASE ROUS		SEC.	28	TWP.	16	RA	NGE //
	0 1	J			-			
FIELD		ATE KS	D DV TU	OWNED	DI	ame		
FORM	THE FOLLOWING INFORMATION WAS	FURNISHE	NEW	WEIGHT	MER OR H	FROM	то	MAX. ALLOW.
NAME	TYPE		USED	WEIGHT	951	PROM	10	P.S.I.
FORM	ATION NESS FROM TO	CASING	U	21	878	GL		
PACKE	R: TYPE SET AT	LINER						
TOTAL	DEPTH MUD WEIGHT	TUBING						
BORE		OPEN HOLE						SHOTS/FT.
		PERFORATION	ONS					
	_ PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF	PERFORATION	ONS					
PRESE	NT PROD: OIL BPD, H <sub>2</sub> O BPD, GAS MCF	PERFORATION	ONS	,				3 3
PDEVI	DUS TREATMENT: DATE TYPE			MATERIAL	6			
	MENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING	G TUBING/A	NNULUS 🗆	_ MATERIAL HYDRAULIC		ER ORDEREI	)	
	PTA w 250 sks (65.35)	Pozmix	89	% cel	yy a	Floce	le	
	(1) 10 10 10 10 10 10 10 10 10 10 10 10 10							
CLICTO	NAMES OF THE ACTIVITY OF THE WEST OF THE STATE OF THE STA							
500000	DMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION				ES, MATERIAL	S, AND SER	VICES	
As a)	consideration, the above-named Customer agrees: THIS CONTRACT MUST BE S  To pay Halliburton in accord with the rates and terms stated in Halliburton's current price				the following mor	th ofter date of	invoice Unor	Customor's default
	payment of Customer's account by the last day of the month following the month in which but never to exceed 18% per annum. In the event it becomes necessary to employ attorn of 20% of the amount of the unpaid account.	the invoice is dated	. Customer ag	rees to pay inte	rest thereon after	default at the hi	chest lawful co	ontract rate applicat
b)	To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, pare any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted	ent and affiliated co by law for:	mpanies and t	the officers, dire	ctors, employees,	agents and serv	vants of all of	them from and again
	<ol> <li>Damage to property owned by, in the possession of, or leased by Customer, and/o "well owner" shall include working and royalty interest owners.</li> </ol>	or the well owner (	if different from	m Customer), in	cluding, but not li	mited to, surface	and subsurfa	ace damage. The te
	2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the							
	<ol><li>Personal injury or death or property damage (including, but not limited to, damage to from pollution, subsurface pressure, losing control of the well and/or a well blowout or</li></ol>	the reservoir, formatthe use of radioact	ation or well), o	or any damages	whatsoever, grov	ving out of or in	any way conn	ected with or result
	The defense, indemnity, release and hold harmless obligations of Customer provided for in negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or fur the preparation, design, manufacture, distribution, or marketing thereof, or from a failure not apply where the claims or liability are caused by the gross negligence or willful mis subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents	rnished by Halliburt to warn any persor sconduct of Hallibur	on or any defe- n of such defe- ton. The term	ect in the data, ct. Such defens	products, supplies, indemnity, release	s, materials, or ase and hold har	equipment of mless obligati	Halliburton whether ons of Customer sh
c)	That because of the uncertainty of variable well conditions and the necessity of relying or supplies or materials, nor the results of any treatment or service, nor the accuracy of any will use their best efforts in gathering such information and their best judgment in interp any damages arising from the use of such information.	chart interpretation	research anal	lysis, job recomm	mendation or othe	r data furnished	by Halliburton	. Halliburton person
d)	That Halliburton warrants only title to the products, supplies and materials and that the OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE scause of action (whether in contract, tort, breach of warranty or otherwise) arising out of or materials on their return to Halliburton or, at Halliburton's option, to the allowance to topunitive or consequential damages.	STATED IN THE IMP	MEDIATELY PR	RECEDING SEN	TENCE. Halliburto	on's liability and	Customer's explacement of s	clusive remedy in a
e)	That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment shall pay Halliburton its replacement cost unless such loss is due to the sole negligence the lesser of its replacement cost or the cost of repairs unless such damage is caused shall, in addition to the foregoing, be fully responsible for loss of or damage to any of I returned to the landing, unless such loss or damage is caused by the sole negligence of Ha	e of Halliburton. If h by the sole neglige Halliburton's equipn	falliburton equi ence of Hallibu	ipment, tools or irton. In the cas	instruments are e of equipment, to	damaged in the	well, Custome nts for marine	r shall pay Halliburi
f)	To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the		Jaw.					
g)	That this contract shall be governed by the law of the state where services are performed							
h)	That Halliburton shall not be bound by any changes or modifications in this contract, except	1230	I HAVE THAT I	READ AND UN	ting by a duly aut DERSTAND THIS D TO SIGN THE	CONTRACT ANI	D REPRESEN	Т
	CONSERVATION Wightia, Ko	DIVIGIUNISIGN	ED #	250	o cu	STOMER		
		DATE		93	,0			
	ify that the Fair Labor Standards Act of 1938, as amended, has been complied with on of goods and/or with respect to services furnished under this contract.	h in the	100	0 6	1. P.M.			

#### JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Great Bend

BILLED ON 015626

						DATA	11		0	1		N-
TELD				SEC.	TWP. 16	RNG.		COUNTY		T	STATE	15
ORMATION	NAME		TYP	E			NEW USED	WEIGHT	SIZE	FROM	то	MAXIMUM PSI ALLOWABLE
ORMATION	THICKNESS		FROM	то		CASING		20	878	6L		
NITIAL PRO	D: OIL	BPD. WATER	BPD.	GAS	MCFD	LINER						
RESENT PI	ROD: OIL	BPD. WATER	BPD.	GAS	MCFD							
OMPLETIO	N DATE	MUD T	/PE	MUD WT		OPEN H				10.00		SHOTS/FT.
ACKER TY	PE		SET A	т			RATIONS					
оттом но	LE TEMP.		PRESSURE				RATIONS					
ISC. DATA			TOTAL	DEPTH		PERFOR	RATIONS					
					JOB	DATA	220					
		TOOLS AND AC	CESSORIES			CALLED		ON LOCA	7-25	JOB STARTED	44 (44)	COMPLETED
	TYPE AND	SIZE	QTY.	M	AKE		7.25			DATE	DAT	E 7.25
LOAT COL	LAR					TIME	0630	TIME &	0845	TIME ()	9/5 TIME	1030
LOAT SHO	Ε							PERS	ONNEL AN	D SERVICE	UNITS	
UIDE SHOI								NAME		UNIT NO. &	TYPE	LOCATION
ENTRALIZE	ERS						T	Benn	ett	RE	M	
SOTTOM PL	UG						4)	Wilso	211	5193	36 5	50320
OP PLUG							5	Guesn	130	Bu	15.	
IEAD							B	Mou	500	265	6 5	0320
ACKER												
THER												
		MATER	RIALS									
DEAT ELL	ID.		DENCITY		LB/GAL-API							
REAT. FLUI			DENSITY		LB/GALAPI	SALES E						
		SIZE_	ULNISTY	LB	LD/GALAPI					40 22 F		
ROP. TYPE												
ROP. TYPE		SIZE_	GAL	LB%	6							
			GAL.		/0							
CID TYPE					6				4 4 4 4			
CID TYPE			GAL.			DERVO	MENT	Cmt				
URFACTAN			GAL.	IN		DEPART						
NE AGENT 1			GAL.	IN		DESCRIP	TION OF JOE	PTA				
	ADD. TYPE		LLB.	IN	196							
	SENT TYPE		L-LB	IN								
	GENT TYPE		LLB	IN		JOB DOM	NE THRU: T	TUBING	CA	SING D	ANNULUS	TBG./ANN.
REAKER T		GA							00	1		
	AGENT TYPE			GALLB.		CUSTOM	ER Y	7	-00	Dar	m	
	ALLS TYPE			QTY		REPRESE	ENTATIVE A					
THER						HALLIBU	RTON J	ceru	Benn	d	COPIES	
THER		Telegraphic Strategies			CEMEN	OPERATO NT DATA		1			REQUESTED.	
	NUMBER			BULK							YIELD	MIXED
STAGE	OF SACKS	CEMENT	BRAND	SACKED			ADDI	TIVES			CU.FT./SK.	LBS./GAL.
	250	Howes	1.+0	B	8% 0	-/ )	14 St 6	Tocch			1.84	12.8
	7				- /							
	40000											
		Victoria de la companya della companya della companya de la companya de la companya della compan										
17000												
		PRESSURES I	N PSI		SUMM	MARY			VOLU	MES		
IRCULATIN	G		DISPLACEMENT_			PRESLUSH	BBLGAL			TYPE_		
REAKDOW	N		_MAXIMUM			LOAD & BK	ON: BBLGA	AL.		PAD	BBLGAL	
VERAGE_		FRAC	TURE GRADIENT			TREATMEN	IT: BBLGAL			DISF	PL: BBLGAL	1/
HUT-IN: IN:	STANT	350 <sub>5-MII</sub>		15-MIN			LURRY: BBL	~ ×	1			
		HYDRAULIC H				STAT	LUME: BBLC					
		AVAILABLE		USED		. C.AL. VOL	J. J		REMA	ARKS		
ORDERED_			TEC INI DOM									
RDERED		AVERAGE RAT	ES IN BPM				ALIA	17 100				
		AVERAGE RA		OVERALL			AUQ	1 3 199	0			
RDERED_				OVERALL			AUG	1 3 199	0			

# HALLIBURTON SERVICES JOB LOG

WELL NO. # 1 LEASE ROUS TICKET NO. 015626

CUSTOMER HER KEN Agent OK PAGE NO. 1

CHART	TIME	RATE	VOLUME	PUM	IPS	PRESSUR	E (PSI)	DESCRIPTION OF ORDER TOWN AND APPEAR
NO.	TIME	(BPM)	(BBL) (GAL)	Т	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0600	Total Tra		The state of the s				Colled out
	0845							On Location
					39.4			
	0848							Set a doubt
	0010							Set up truck
	0016	7	_		1			
	09/8	3	0				150	Start mixing coment
	1		a formula d		1			4 /
	0931	3	41		/		850	Mixed 500 lbs holls in 125 sts
	0945	3	81.9		/		550	Finished mixing coment
	0945						350	Finished mixing coment ISIP
	6947						350	Clear Value - Shot in
	1005							Wash + Rock up
		-						1
	1030							Job complete
	1050							Job Compiere
		100						-TI 11 11
								Thonk You
								-1521 0
								51936-P
								81870 Jerry Bennett 88377 Weyne Wilson
								89317 Weyne Wilson
								79501 Shown Gasnier 82628 Bill Mousel
								82628 Bill Mouses
								STATE COURSE
								MISSION
								AUG 1 3 1990
								CONSTRUATION
								CONSERVATION BIVIDION WISHIRA, Kansas
	The state of the s		The state of the s		100000		100000000000000000000000000000000000000	