SIDE ONE

·	C-C++ 25C, 2	•	
STATE CORPORATION COMMISSION OF KANSAS, AND OIL & GAS CONSERVATION DIVISION OF ANY AND ANY AND ANY AND ANY	f · · · · · · · · · · · · · · · · · · ·	<u>/5- 075-20, 4</u> últon	
ACO-1 WELL HISTORY!		٠.	22.5 Rge. <u>40 X</u> Vest
Operator: License # 369/		Ft. North from	m Southeast Corner of Section
Name: Brock Resources, Inc.	3960	Ft. West from	Southeast Corner of Section well in section plat below.)
Address 25 th and Vine Street	L Lana Name		•
Dean Ellner Bldg Suite 2		Heinz Bradshow	
City/State/Zip Hays, Kons. 67601	ł ·		ECOUP WINField
Purchaser: None - Tested Will P. A	·	1 2 Cur	255
Operator Contact Person: <u>Ted Luchhers</u> Phone (9/3) 6/28-1909	ELEVACION: Un	29 4 = V	AD
Phone (9/3) 628 - 1909			PBIU / 7.5
Contractor: Name: Red Tiger Drig. Co.	-		4950 4620
License: <u>5302</u>	EIVED		4290
Wellsite Geologist: None STATE CORPOR	TION COMMISSION		3300
			2970 2640 NI
Designate Type of Completion X New Well Re-Entry Workover MAY			2310 1980 1650 N/T D
OilSWDTemp. Abd_CONSERV	ATION DIVISION L		1320
Dry Other (Core, Water Supply, etc.)		╅╏┩╏╏╏╏╏	330 5-30-91
If OMMO: old well info as follows: Operator:	5280	25	
Well Name:	Amount of Surf	ace Pipe Set and Ceme	ented at <u>228 KB</u> Feet
Comp. Date Old Total Depth	1,		ed? Yes No
Drilling Method: X Hud Rotary Air Rotary Cable			Feet
/-3/-9/ 2-4-9/ 3-/6-9/ Spud Date Date Reached TD Completion Date	CP-1 A++	ached to Pass	circulated from None.
INSTRUCTIONS: This form shall be completed in triplicate a 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-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with a conversion of a well requires filing of ACO-2 within 120 days	of the spud dat be held confiden 107 for confiden this form. ALL ll temporarily a	te of any well. Rulifial for a period of atiality in excess of CEMENTING TICKETS MUST bandoned wells. Any	le 82-3-130, 82-3-107 and 12 months if requested in 12 months. One copy of all ST BE ATTACHED. Submit CP-4 y recompletion, workover or
All requirements of the statutes, rules and regulations promul with and the statements herein are complete and correct to t	gated to regulat he best of my kn	e the oil and gas induouledge.	ustry have been fully complied
Signature <u>Fed</u> C. Zuellen	· · · · · · · · · · · · · · · · · · ·	K.C.C. OF	FICE USE ONLY
Title Operations Foreman Date	5-19-91	F Letter of C	Confidentiality Attached og Received
Subscribed and sworn to before me this 1/2 day of	<u> </u>		imelog Received
Notary Public Bleady Poince	0 X =	KCC KGS	tribution SWD/Rep NGPA Plug Other
Date Commission Expires $11-9-92$		rea	(Specify)
A ANTEANY PHILIPS - State of Kancon	11.4		

Operator Name <u>B</u> /	OCR Res	ources.	Inc.	Lease Na	· Heinz	2	Well#			
		T 1	(n, itro)	County	Hamilton	, Kansi	· ·			
Sec. <u>3</u> Tup. <u>22</u>	S Rge. <u>40</u>	₩ Hest		12 S	·		:			
INSTRUCTIONS: Show interval tested, ti nydrostatic pressur- if more space is ne	ime tool open es, bottom hole	and closed, temperature copy of log.	flowing an	d shut-in pr overy, and fl	essures, whether the second se	her shut-in pre s to surface dur	ing test.	ched static level Attach extra shed		
Orill Stem Tests Ta (Attach Addition		Yes y	X No		- AV	Formation Desc	ription	į		
Samples Sent to Geo	logical Survey	· Yes	No		الا به التي المستوادية . أ الله الا	Lpg Cop	Sample			
Cores Taken		Yes.	⊠ _{No}	Name .	The second	Top	Bott	om		
Electric Log Run (Submit Copy.)	-,	⊠ ≥yès ≤	No No	WINF	ield "	2732	27	/3,		
	,	د الله الله الله الله الله الله الله الل	apart of the	1 : 3	:) 	erre	2527			
			a same a sam		i	ngan samanan na mining sa mining Managaran sa mining s Managaran sa mining	ه کا د ماه کارند. د د کار	· · · · · · · · · · · · · · · · · · ·		
Purpose of String	Size Hole Drilled	Size C Set (I	asing n O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
Surface Production	7 1/8	85/8"20 4%"	* New	20 # 10.5 #	228° KB 2819° KB	Standard EA-2 Prame	/75 -//0	14 SK Florele Sto Cal Seal 3/4/0 Holed 322		
Shots Per Foot	PERFORATION Specify Foots		Interval Pe	rforated		Fracture, Shot, d_Kind of Mater	Cement Sq	GESK Gilsonit Leeze Record Depth :		
2	2732 - 2	743	WINF-F	ie Id	1000 gal 15% HNP-1 2732-43					
2	2732-2	74.3	WINES	ield	Free willo, 200 20.40 Brody 27.52-5					
TUBING RECORD	Size	Set A	t , .	Packer At	Linor Run	☐ Yes 🏻				
Date of First Prod	23/8"	278 ing Hethod	<u>5'</u>	None	 		NO	-		
Test	TonK		Flowing X	Pumping L	Gas Lift 📙 (Other (Explain)				
Estimated Production Per 24 Hours	on Oil	Bbls.	Gas	Mcf Wat	er Bble.	Gas-Oit	•	Gravity		
Visposition of Gas: Vented Solo (If vented, so		Lease	Open Ho	09 OF COMPLET	rION oration 🗖 [Dually Completed	P	roduction Interva		
		·	3		MILE O SING - E	HEREN PRODUCTION AND AND AND AND AND AND AND AND AND AN	_	<u> </u>		

P.O. BOX R " PHONE: (316) 384-5761 SYRACUSE, KANSAS 67878 ... " (316) 384-5762

5	، یے	20	91
Sold to DATE	ORDER NO.	1	9 7 /
ADDRESS	ORDERED BY		
•			
CITY	SALESWAN		CASH
	ĺ		
DELIVERED TO #	R.C.	C.Q.D.	CHG.
Heinz #1			
ADDRESS	ON ACCT.	MDSE. REC.	PAID
	1	,	
PIECES DESCRIPTION FEET TOTAL FEET	PRICE	AMOL	JNT .
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180 SA 101 Hang Cemen	, -	16. C. I	<u>حارن</u> ا
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		887	150
		41	59
DELIVERED BY RECEIVED ABOVE IN GOOD CONDITION	F18 900 90 80	100	
* / Juli Blain	TOTAL	734	09

THANK YOU - PLEASE KEEP THIS COPY FOR REFERENCE

READ BEFORE SIGNING: TERMS OF SALE

PURCHASER AGREES AS FOLLOWS:

All account balances are due at the local office of the Company on or before the 10th day of the month following the month of sale and in default if not paid prior to the 30th day of that month. If an account is in default, a default or late payment charge ("FINANCE CHARGE") may be imposed computed at the RATE of 2% per month based upon the previous unpaid balance with a minimum charge of 50 cents, reasonable attorney's

which is an ANNUfees, if placed with added to all delin-

AL PERCENTAGE RATE of 24%. In addition, an autorney for collection and the expenses of quent accounts.

collection will be

NOTICE: CLAMS FOR SHORTAGE WILL NOT BE ALLOWED UNLESS MADE AT TIME OF DELIVERY. ALL EXTENSIONS SUBJECT TO CORRECTION.

RECEIVED STATE CORPORATION COMMISSION

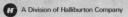
JIJI 08 1991

CONSERVATION DIVISION Wichita, Kansas

FORM 1906 R-11



0RIGINAL NO. 911099-2



WELL NO. — FARM OR L	LEASE NAME			COUNTY HAM ! HA	5 h	45	CITY / OFF	SHORE LOCATI	ON		D-45	91
CHARGE TO	L	Z	EXP.	110/11/1/	OWNER	111 -	0			CHECK ONE)		GEN JOB
ADDRESS	DOT	L	Are		CONTRACTOR	111,0		SERVI	OCATION	SALES [YES CODE	NO
CITY, STATE, ZIP					SHIPPED VIA	FREI	SHT CHARG	SES OU	OCATION	MAR	CODE	613
orr, siare, zii					HOW	- 1-		COLLECT 2				
WELL TYPE	WELL CATEGOR	Y	1	WELL PERMIT NO.	DELIVERED TO	-		3	OCATION		CODE	
TYPE AND PURPOSE OF	F JOB	11		R A	ORDER NO.			REFER	RAL LOC	CATION		
As considerat	ion, the above-named Custom	er agre	ees to pay Hallibu	orton in accord with the rates and te	rms stated in Halliburt	on's current pr	ice lists. Invo	ices payable NET	by the 2	Oth of the follo	owing month after	date
of invoice. Upon Clawful contract ratefees in the amoun	te applicable, but never to excit of 20% of the amount of the	of Cus eed 18 unpaid	% per annum. In l account. These t	rton in accord with the rates and te by the last day of the month follow the event it becomes necessary to en erms and conditions shall be govern	employ an attorney to ed by the law of the st	enforce collectivate where serv	on of said ac	count, Customer brmed or equipm	agrees to	o pay all collecterials are furni	tion costs and atto	rney
FITNESS FOR A PAI of action (whether i supplies or materials punitive or consequer	RTICULAR PURPOSE OR OTH in contract, tort, product liab con their return to Halliburto	IERWIS ility, b	SE WHICH EXTE breach of warran at Halliburton's o	Is and that the same are free from on the ND BEYOND THOSE STATED IN Tity or otherwise) arising out of the ption, to the allowance to the cust	HE IMMEDIATELY PRI e sale or use of any tomer of credit for th	p and materials ECEDING SENT products, sup se cost of such	ENCE. Hallit plies or mat items. In no	curton's liability terials is express o event shall Ha	and cust ly limited lliburton l	tomer's exclusion to the replace	b, OF MERCHANIA ive remedy in any cement of such pi pecial, incidental, i	cause roducts, ndirect,
PRICE	SECONDARY REF	L				UNIT	S 1	UNITS	2	UNIT		
REFERENCE	OR PART NO.	O C.	ACCOUNT	DESCRIPTI	ON	ΩТΥ	MEAS	QTY	MEAS	PRICE	AMOUI	VT
000-117			N	/IILEAGE	4 -	6,5	mi			200	152	75
000-118			,	SUNChan	190	65	mi			140	26	00
001-016			P	ums Cox	unge.	2822	FT	111			1340	00
30016			· >	2W THV			Cq.	43	-		52	00
124	825.301		- /	es guides	HOCSI	1	CH	4551	JT.		103	00
24#	815. 17101		-	th seat tha	ut volve	1	CH	112			13	99
27	315-19111			Fill Yell		1	CH	1	-	1.00	2-3	100
40	301.93004		6	GUT MAN 29	15,5-4	R	CH	112		400	220	00
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-15	813-0141			F. O. 1113	2-2-5	/	-11	42		200	1000	00
320	600.6061	3	4	-111 20	SIE	-	CH	212		00	110	00
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	25/16	1		X			1					
	11/1/	1	1 U	חרכווובח								
	117		S.	RECEIVED TATE CORPORATION COM	MISSION							
				111V 4 E 400	1		1					
				MAY 1 5 199	1							
				CONSERVATION DIVIS	SION							
AS PER	ATTACHED BULK	M	ATERIAL D	DELIVERY TICKET NO	D. F	3- 0	77	153			2009	911
WAS JOB SATISFACTORILY				WE CERTIFY THAT THE FAI	R LABOR STANDARDS	1	AS AMEND	ED HAS BEEN TO SERVICES			~~~	17
WAS OPERATION OF EQUI				FURNISHED UNDER THIS C	ONTRACT.							
WAS PERFORMANCE OF F	PERSONNEL SATISFACTORY?			- Win	1	1	u	-	-	SUB TOTAL		
X Ted	HIS AGENT (PLEASE PR	INT)			HALLIBURTON	OPERATOR	1	Comme	-	- 1	APPLICABLE TAX BE ADDED ON	
X CUSTOMER OR I	HIS AGENT (SIGNATURE	=)		HALLIBURTON APPROVAL	CUSTOMER							

CUSTOMER

PAGE 1 OF 2 PAGES

FORM 1906 R-11



15-075-20487-0000 TICKET
ORIGINAL NO. 911121-2

A Division of Halliburton Company

WELL NO. – FARM OR L	Henez			Homiltun	STATE	5	CITY / OFF	SHORE LOCA	ATION		1-31-9	11
CHARGE TO	L Explor	et.	is the	0	Bruck L	F)			KET TYPE (C	SALES	NITRO	GEN JOB
ADDRESS					CONTRACTOR	× × y		1	LOCATION	_	CODE	
CITY, STATE, ZIP				S	HIPPED VIA	FREIG	HT CHARG	ES .	LOCATION	01,6	256 CODE	15
					Hours			OLLECT 2				
WELL TYPE	WELL CATEGO	RY		WELL PERMIT NO. D	DELIVERED TO			3	LOCATION		CODE	
TYPE AND PURPOSE OF	= JOB			23 0	DRDER NO.	141010	150	REF	ERRAL LOC	CATION		
010				B- 1697 32								
of invoice. Upon C lawful contract rat fees in the amount	ustomer's default in paymer e applicable, but never to ex t of 20% of the amount of the arrants only title to the product RTICULAR PURPOSE OR Of contract, tort, product lie on their return to Halliburt	ceed 1 e unpai	stomer's acco 8% per annum d account. The	lliburton in accord with the rates and terms unt by the last day of the month following 1. In the event it becomes necessary to emple see terms and conditions shall be governed by terials and that the same are free from defect XTEND BEYOND THOSE STATED IN THE Intranty or otherwise) arising out of the sale soption, to the allowance to the custome	the month in which oy an attorney to e y the law of the sta	the invoice is nforce collection te where service	dated, Custo n of said ac es are perfo	omer agrees to count, Custon ormed or equip	o pay interes ner agrees to ment or ma	t thereon aft pay all colle terials are furn	er default at the hig ction costs and atto nished.	hest
PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	ı	UNITS	1 MEAS	UNIT	S 2	UNIT	AMOU	NT
000 117				MILEAGE		65	mi		1	2 35	152	75
000 118				MILEGICE SURCHING	5 E	65	80.5			.40	26	00
001 016				Casing Job		230	ft			580°	580	00
030 503				To, Wooden Plug		,	20			59 00	59	84
830 2171	16 A			Type M Casing 51	hoe	1	ea			16100	161	00
40	807.93059			S4 Centralizers		2	ea			5300	106	00
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				D DA III	37 1		1		1			
				VIVA no			1 8	100				
	- (1	ar	DECEME	0		1	3.8.5	1			
	MI		177	RECEIVE STATE CORPORATION (COMMISSION				1			
	11/1						1		1			
				MAY 151	1991				1			
				CONSERVATION Wichita, Kar	DIVISION				17			
							1					
AS PER	ATTACHED BUL	K M.	ATERIAL	DELIVERY TICKET NO.	В	}_		70	1		1697	32
NAS JOB SATISFACTORILY	COMPLETED?			WE CERTIFY THAT THE FAIR LA COMPLIED WITH IN THE PRODU FURNISHED UNDER THIS CONT	UCTION OF GOODS	ACT OF 1938, AND OR WITH	AS AMENDE I RESPECT	ED HAS BEEN TO SERVICES				
NAS OPERATION OF EQUIP NAS PERFORMANCE OF PR	PMENT SATISFACTORY?			- OFF	1 Table	- Comments				SUB	2782	07
x Tel L	uehhers				HALLIBURTON	OPERATOR				TOTAL	APPLICABLE TAX BE ADDED ON I	

HALLIBURTON APPROVAL

CUSTOMER

X CUSTOMER OR HIS AGENT (SIGNATURE)



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

15-075-20487-0000

FOR INVOICE AND 911 12 1

CUSTOMER ORDER NO WELL NO. AND FARM COUNTY STATE #1 Heinz 1-31-91 Hamilton CONTRACTOR CHARGE TO OWNER No. B815220 Red Tiger Drlg. Brock Expl. Same MAILING ADDRESS LOCATION CODE PREPARED BY DELIVERED FROM 25615 Lamar Co. Slatten CITY & STATE DELIVERED TO TRUCK NO. RECEIVED BY Loc. N Sylveuse 0537-8151 Painter SECONDARY REF. OR PART NO. CODE UNITS 1 UNITS 2 UNIT PRICE REFERENCE AMOUNT DESCRIPTION LD İMEAS QTY. IMEAS. QTY. 504-308 1032.50 Standard Cement 175 sks 5.90 500-307 545, 32 tm .10 Surcharge 54.53 RECEIVED STATE CORPORATION COMMISSION MAY 1 5 1991 CONSERVATION DIVISION Wichita, Kansas Returned Mileage Charge TOTAL WEIGHT LOADED MILES TON MILES SERVICE CHARGE ON MATERIALS RETURNED CU. FEET 500-207 CU. FEET 183 1.10 201.30 SERVICE CHARGE 500-306 TON 545.32 65 LOADED MILES ,75 408.99 TOTAL WEIGHT No. B 815220 CARRY FORWARD TO INVOICE SUB-TOTAL 1697.32 FORM 1911 - R6 REV. 8-85



WORK ORDER CONTRACT

15-075-20487-0000 ORIGINAL

FORM 1908	3 R-7	A Division of Halliburton Company	AND PRE-	TREATME	ENT DA	TA		ACH TO & TICKET NO	9117	21
DISTRICT	- Lyb.	ciel						DATE/	- 31	91
то: на	LLIBURTO	N SERVICES YOU	ARE HEREBY REQU	ESTED TO F	JRNISH EC	QUIPMENT A	ND SERVICE	CEMEN TO	DELIVER AN	ND OPERATE
TH	F SAME AS	S AN INDEPENDENT CONTRACTOR T	ro: Broc	k Exo	Wetn	m				
		AND SELL PRODUCTS, SUPPLIES,		THE PURPOSE	OF SERVI	(CUSTON CING	IER)			
	1	H				2				Wa
WELL NO	D/_	LEASELEASE	7		SEC	3	TWP	12	RAN	NGE 40 W
FIELD		county Ha	milton STA	TE K		OWNED	BY Bio	ckFxo	1	
		THE FOLLOWING INFO	ORMATION WAS	FURNISHE						MAY ALLOW
FORMATION NAME	ON	TYPE			NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.
FORMATIC		FROM	то	CASING		24	8 %	KB	778	
		C	ET AT	LINER						
PACKER:	TYPE	Si	EI AI	TUBING						
TOTAL DE	EPTH	MUD WEIGHT _		OPEN HOLE						SHOTS/FT.
BORE HO	LE									SHO15/F1.
INITIAL P	ROD:	OIL BPD, H2O BP	D, GAS MCF	PERFORATI						
PRESENT	PROD:	OIL BPD, H2O BP	D, GAS MCF	PERFORATI	ONS					
				PERFORATI	ONS					
PREVIOUS	S TREATME	ENT: DATE	TYPE			_ MATERIAL	s			
TREATM	ENT INSTR	PUCTIONS: TREAT THRU TUBING	ANNULUS CASING	☐ TUBING/A	NNULUS [HYDRAULIC	HORSEPOV	VER ORDERE	D	
		AGENT WARRANTS THE WELL IS IN					ES, MATERIA	LS, AND SE	RVICES	
		above-named Customer agrees: TH on in accord with the rates and terms stated i	HIS CONTRACT MUST BE SK				ho following mo	nth ofter date of	finaise Upon	Customer's default is
pay but	yment of Custo t never to exc	omer's account by the last day of the month folloed 18% per annum. In the event it becomes n	llowing the month in which th	ne invoice is dated	Customer agr	rees to pay inter	est thereon after	r default at the l	nighest lawful co	ntract rate applicable,
b) To	defend, indem	nount of the unpaid account. nify, release and hold harmless Halliburton, its ty, expenses, attorneys fees, and costs of defer			mpanies and t	he officers, direc	tors, employees	, agents and se	vants of all of ti	hem from and against
1.	Damage to	property owned by, in the possession of, or I "shall include working and royalty interest owned	leased by Customer, and/or		f different from	m Customer), inc	luding, but not I	imited to, surface	e and subsurfac	ce damage. The term
2.	Reservoir, f	formation, or well loss or damage, subsurface tro	respass or any action in the n	nature thereof.						
3.		ury or death or property damage (including, bu on, subsurface pressure, losing control of the we				or any damages	whatsoever, gro	wing out of or in	any way conne	ected with or resulting
neg the not	gligence, strict e preparation, t apply where	emnity, release and hold harmless obligations of liability, or the unseaworthiness of any vess- design, manufacture, distribution, or marketing the claims or liability are caused by the gros ent and affiliated companies, and the officers, di	thereof, or from a failure to ss negligence or willful misco	ished by Halliburto warn any person onduct of Hallibur	on or any defer of such defer on. The term	ect in the data, ct. Such defense	products, suppli , indemnity, rele	es, materials, or	equipment of harmless obligation	Halliburton whether in
sur will	pplies or mate I use their be	the uncertainty of variable well conditions and rials, nor the results of any treatment or service st efforts in gathering such information and the sing from the use of such information.	e, nor the accuracy of any c	hart interpretation,	research anal	ysis, job recomm	endation or oth	er data furnishe	d by Halliburton.	Halliburton personnel
OF car or	MERCHANTA use of action of materials on t	warrants only title to the products, supplies a ABILITY, FITNESS OR OTHERWISE WHICH EX whether in contract, tort, breach of warranty or heir return to Halliburton or, at Halliburton's equential damages.	XTEND BEYOND THOSE ST or otherwise) arising out of the ption, to the allowance to the	TATED IN THE IMM he sale or use of a e Customer of cre	MEDIATELY PR ny products, s dit for the cos	RECEDING SENT supplies or mater st of such items.	ENCE. Halliburi ials is expressly In no event sha	ton's liability and limited to the re all Halliburton be	Customer's exceplacement of su e liable for speci	clusive remedy in any uch products, supplies ial, incidental, indirect,
sha the sha	all pay Hallibu e lesser of its all, in addition	equential damages. All, at its risk and expense, attempt to recover the replacement cost unless such loss is replacement cost or the cost of repairs unles to the foregoing, be fully responsible for loss unding, unless such loss or damage is caused by	due to the sole negligence as such damage is caused be of or damage to any of	of Halliburton. If H y the sole neglige alliburton's equipm	alliburton equi	pment, tools or	instruments are	damaged in the	well, Customer	shall pay Halliburton
		visions of the Deceptive Trade Practices - Cons								
		at shall be governed by the law of the state whe shall not be bound by any changes or modificat				on is made in writ	ing by a duly au	uthorized execut	ve officer of Hall	liburton.
						READ AND UNI				
				SIGN	IED	Tad	Luli	La		
				DAT		0	, ,	USTOMER		
		Labor Standards Act of 1938, as amende					1. P.M.	AND ROBERT AND		
production	or goods and	respect to services furnished under	vomauc.	THVE		A.F				

CUSTOMER

JOB SUMMARY LOCATION WELL DATA WEIGHT FORMATION NAME CASING FROM BPD. WATER BPD.GAS MCFD BPD. WATER TUBING OPEN HOLE SHOTS/FT. PERFORATIONS SET AT BOTTOM HOLE TEMP. PRESSURE PERFORATIONS PERFORATIONS JOB DATA CALLED OUT ON LOCATION TOOLS AND ACCESSORIES TYPE AND SIZE TIME 2 444 FLOAT COLLAR PERSONNEL AND SERVICE UNITS FLOAT SHOE HUWIN UNIT NO. & TYPE GUIDE SHOE TUNE (1) LOCATION CENTRALIZERS 5 - 4 44366 73670 Painter BOTTOM PLUG 0959 07877 11 PACKER Dumelature 8151 MATERIALS LB/GAL. API STATE CORPORATION COMMISSION CONSERVATION DIVISION Wichita, Kansas CEMENT DATA MIXED LBS./GAL ADDITIVES Sta 2466 Flurala 1.18 15.6 PRESSURES IN PSI SUMMARY VOLUMES __ DISPLACEMENT_ BREAKDOWN AVERAGE FRACTURE GRADIENT SHUT-IN: INSTANT_ HYDRAULIC HORSEPOWER REMARKS ORDERED AVERAGE RATES IN BPM TREATING_ CEMENT LEFT IN PIPE OVERALL REASON

Who. City Ok

HALLIBURTON SERVICES

15-075-20487-0000

HACCIBURTON SERVICES JOB LOG

Brock Exploration PAGE NO. 1

HART			VOLUME	PUN	MPS	PRESSUI	RE (PSI)	DESCRIPTION OF OPERATION AND MATERIALS
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	T	С	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
								DESCRIPTION OF OPERATION AND MATERIALS
								OK.
	2130		74 × 70					On Location
								rig piceutating hole
	2045							Sto. 7 Cosies with Typoli Shue
								\$ 54 Centralizaria on 151 3310 college
	2400							Cosing in sign up to executate
	-,00							Casing in Try of its encount
	2417	5					200	57 + T
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COMPANY Brock Resources FARM Heinz WELL NO.

SEC. TWP. RGE. LOC. COUNTY Ham! I'm STATE IS.

CONTRACTOR Red Tiger #10 SIZE HOLE 770" DRILL PIPE 412"

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COMPANY Brock Resources farm Heinz WELLNO. I

SEC. TWP. RGE. LOC. COUNTY Hamilton STATE KS

CONTRACTOR RED TIGER #10 SIZE HOLE 71/8" DRILL PIPE 41/2

REMARKS: SIZE PUMP LINERS 6" LENGTH STROKE 14"

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HALLIBURTON SERVICES

BULK MATERIALS DELIVERY UNITED INAL

TICKET CONTINUATION

FOR INVOICE AND GILLS

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				FORM 1911 - R6 (REV. 8-85							1051	74





WORK ORDER CONTRACT AND PRE-TREATMENT DATA

15-075-20487-0000 ATTACH TO INVOICE & TICKET NO

A Division of Halliburton Company FORM 1908 R-7

DISTRICT 1 D C 1 9 1					DATE	7				
TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUI	ESTED TO FL	IRNISH E	= X P.	!	CEMEN TO	DELIVER AN	ND OPERATE			
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR	THE PURPOSE	OF SERVI	(CUSTOM	ER)						
WELL NO. LEASE #/einz		SEC	3	_ TWP	22	RAN	NGE 40			
FIELD COUNTY # AM I HOM STATE	re A.	5	OWNED	BY 5	me	-				
THE FOLLOWING INFORMATION WAS	FURNISHE	BY TH	IE CUSTON	MER OR H	IS AGEN	Т				
FORMATION NAME TYPE		NEW USED	WEIGHT	SIZE	FROM	то	MAX. ALLOW. P.S.I.			
FORMATION THICKNESS FROM TO	CASING	4	10,5	42	15	2822				
PACKER: TYPE F-O. SET AT 1282	LINER									
TOTAL DEPTH MUD WEIGHT 37 JT	TUBING			2/	-					
BORE HOLE	OPEN HOLE			7/8	A.D.	2618	SHOTS/FT.			
INITIAL PROD: OILBPD, H ₂ OBPD, GASMCF	PERFORATIO	ONS								
PRESENT PROD: OILBPD, H ₂ OBPD, GASMCF	PERFORATIONS RECEIVED									
	PERFORATIO	NS								
PREVIOUS TREATMENT: DATE TYPE			_ MARIALS	5 1991						
TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING	TUBING/AN	NNULUS [CONSERVAT	HORSEPOX ION DIVISIO Kansas	VER ORDERE	ED				
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CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION 1	TO RECEIVE TH	HE PRODU	CTS. SUPPLIE	S. MATERIA	LS. AND SE	RVICES				
As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SI										

- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. Upon Customer's default in 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 costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- To defend, indemnify, release and hold harmless Halliburton, 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, attorneys fees, and costs of defense to the extent permitted by law for:
 - 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.
 - Personal injury or 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 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 Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in 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 Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton 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 Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- 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 in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in no event shall Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In overall halliburton or, at Halliburton or 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.
- f) 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. g)
- 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.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. Plus

SIGNED DATE

TIME

CUSTOMER

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the tion of goods and/or with respect to sirvices furnished under this contract.

CUSTOMER

HALLIBUR SERVICE	TON JOI		1 . m	10	101	RIGL	NAT	487-0000
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		JOBI						
тоо	LS AND ACCESSORIES		CALLED OUT	ON LOC.	ATION	JOB STARTED	10	B COMPLETED
TYPE AND SIZE	QTY.	MAKE	DATE 2 - 1	DATE	7-4	DATE	H DA	TENT - Ay
DAT COLLAR TASA	TE HA		TIME 18	Of TIME	17.30	TIME 15	4/1 TIM	IE FAMI
AT SHOE	1 1 1			PERS	ONNEL AN	D SERVICE	UNITS	
DE SHOE	To separate 1			NAME		UNIT NO. 8	TYPE	LOCATION
NTRALIZERS	18		(1)	for 1	10701			1
TTOM RUUG	145		- 11	1117	the state of	3711	501	a mall
P PUUG	-01		- 6	de 1 10	00	117	of Justin	THEY UT
The second of	Dell Ing		- 6	100 / 11/	1 1 7 m	7/7	50 11	1
AD DADTE	- down	,	- 4	16/1	- J. Horaco	matter) "	1	
CKER (HOTO W	911 75'			1	Service of the last of the las		1	least.
HER WELL	/		- 0.	142	57		17	UESON
	MATERIALS			, ,	' '			
AT ELLID	PENCIPA	1000						
AT. FLUID	DENSITY	LB/GALAPI						
PL. FLUID	DENISTY	LB/GALAPI						
P. TYPE	SIZE	LB						
P. TYPE	SIZE	LB						
D TYPE	GAL	%						
ID TYPE	GAL	COCIVED*						
ID TYPE	GAL.	ELEIVEL			-1			
RFACTANT TYPE	STATE CORI	ORATION COMMISSION	DEPARTMENT	111	/			
AGENT TYPE	GAL	IN	DESCRIPTION OF	ОВ	,			
UID LOSS ADD. TYPE	GAL-LB.	V 1 5 1991		1,000	ham 1	Course .		1
LLING AGENT TYPE	GAL-LB	IN		HT	In.	·		
C. RED. AGENT TYPE		RVATION DIVISION		2500				
		ichita, Kansas	JOB DONE THRU:	TUBING	CA	SING D	ANNULUS	TBG./ANN.
EAKER TYPE	GAL-LB.					1		
OCKING AGENT TYPE		_GALLB	CUSTOMER	X	2	1 1		
REPAC BALLS TYPE		QTY.	REPRESENTATIVE	7	901	Trul	ana	
HER	" W Tennett		HALLIBURTON	Um	1	1 11	COPIES	
HER LEY IN	A		OPERATOR	John J. J. James		- Comment	REQUESTED	
		CEMEN	IDATA					
STAGE NUMBER	CEMENT BRAND	BULK	AE	DITIVES			YIELD CHET/SK	MIXED
OF SACKS	Α	SACKED	No. of Contract of				CU.FT./SK.	LBS./GAL.
11000	IAM	B 57000	Seal H	To Hal	ad 32	2	1435	14.9
	1 60-777	6215k	9:15	mite	9		20	111
		1 / 1 / 1	(2)					
								A SECTION AND A
								E SHIP STATE
PR	ESSURES IN PSI	SUMM	ARY		VOLU	MES		
ULATING	DISPLACEMEN		PRESLUSH: BBLGAI			TYPE.		
AKDOWN	MAXIMUM		LOAD & BKDN: BBL.				D: BBLGAL	
								11 2mm
RAGE	FRACTURE GRADIEN	IT	TREATMENT: BBLG	AL.	1	DIS	PL: BBL.GAL.	1
JT-IN: INSTANTHYD	PRAULIC HORSEPOWER	15-MIN	CEMENT SLURRY: B	BL-GAL	6			
	IOLIO HONSEI OWEI		TOTAL VOLUME: BB	LGAL	DE.	DVC		Control of the Control
DEREDA	AVAILABLEERAGE RATES IN BPM	USED			REMA	ARNS		
AVI	LRAGE RATES IN BPM							
EATING	DISPL	OVERALL						
CI	EMENT LEFT IN PIPE							
7 30	REASON /	I mentionement			7/1-34			
FEETCI	EMENT LEFT IN PIPE REASON	OVERALL						

J (OB LO	G	20487.0	WELL NO CUSTOMER	BAG	LEASE.	HEINS TICKET NO. 9/1999 PAGE NO. 2-11
CHART NO.		OF THE PARTY OF TH		JOB TYPE_	PRESSURI	E (PSI)	DATE
NO.	TIME.	RATE (BPM)	VOLUME (BBL) (GAL)	T C	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0000	,					Neg on Loc
	5130						on Loc
	1330)					Laying Down D.P.
	0540	,					5+ C459
	1722						cia w Aig
	1223	.5-	2/		-	300	5+ CM+
	1/10		and Co			0	FIN CMI
	1746						DROP PIUS
	1746		108	334			wash Pump +Lines
	1749					0	ST Dist
	1757	7	45			100	fin Disp
					e (1)		
					STATE CO	RECEIN RPORATIO	VED N COMMISSION
						AY 1 5	
					CON	Wichita, K	N DIVISION arsas