

Operator Name Kenneth O. Brown Lease Name Stamper Well # 1

Sec. 32 Twp. 8 Rge. 17 East West County Rooks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite	1276'	+ 695'
Base	1312'	+ 659'
Topeka	2862'	- 891'
Heebnor	3078±	- 1107'
Toronto	3098'	- 1127'
LKC	3117'	- 1146'
Base	1377'	- 1377'
Arbuckle	3398'	- 1422'
TD	3465'	

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

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
Surface	12 1/2"	8-5/8"	24#	222'	Common	175	3%cc
Production		5 1/2"	14#	3465'	Econo-lite EA-2	350 150	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4	3407'-3410'	150 gal. 15% first treatment	
4	3368-70'	500 gal. of MOD 202	
1	3278, 3256, 3157, 3120, 3102'	10,000 gal. 15%	

TUBING RECORD Size 2 7/8" Set At 3442' Packer at _____ Liner Run Yes No

Date of First Production 10-24-88 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	18 Bbls	MCF	414 Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

WORK ORDER CONTRACT
 AND PRE-TREATMENT DATA

ATTACH TO
 INVOICE & TICKET NO. 65044

15-163-23016-0000

FORM 1904 R-6

DISTRICT AKA 13 KE

DATE 10-10-88

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO Keamy Brown Enterprises (CUSTOMER)
 AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO 21 LEASE STAMPER SEC 32 TWP. 6 RANGE 17

FIELD _____ COUNTY Boone STATE KS OWNED BY SMC

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
BORE HOLE							
INITIAL PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
PRESENT PROD:	OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF						
				OPEN HOLE	<u>7 7/8</u>	<u>KS</u>	<u>3065</u>
				PERFORATIONS			
				PERFORATIONS			
				PERFORATIONS			
							SHOTS/FT.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

max 5 1/2 production casing w/ 350SK Econlite, 15050-CA-2 45
Directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- In consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
 - Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
 - 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 the 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 the 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 unit returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - 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, indirect, punitive or consequential damages.
 - Payment is due 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 an attorney 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.
 - This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - 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.

SIGNED _____ CUSTOMER
 DATE 10-11-88
 TIME 2:00 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.

HALLIBURTON SERVICES
JOB LOG

WELL NO. #1 LEASE *Stinson* TICKET NO. *650644*
 CUSTOMER *Kenny Brown Enterprises* PAGE NO.
 JOB TYPE *Cement 5 1/2 cs.* DATE *10-12-88*

FORM 201 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							Called out on location
	2150							Setup equipment Rig crew start pipe into hole
								Placed Centralizers on JS-1, 4, 7, 10, 13, + 53 Placed Baskets on 1, 9, 15, and 53
	0100							Hook up to circulate Hook up to mix cement
	0130	6						Start mixing cement
		6	256					Finish mixing cement Wash pump lines Drop plug
		6						Start Displacement Finish Displacement
	0235		84		✓		1500	Plug down Circulated Good Cement
								Thanks for calling Halliburton
								O. McBeth 41335 M. Childers R7383 R. Beeson 57220 D. Rithoubray 73104 G. P... 41489

RECEIVED
STATE CORPORATION COMMISSION

DEC 29 1988
12/29/88
CONSERVATION DIVISION
Wichita, Kansas

15-163-23016-00-00

CUSTOMER

15-163-23016-00-22



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

WICHITA KS
HAYS KS

BILLED ON TICKET NO. 674671

WELL DATA

FIELD	SEC. 3	TWP. 8	RNG. 17	COUNTY	ROCKS	STATE	KS	
FORMATION NAME	TYPE		NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM	TO	CASING		5 1/2	56	3462	
INITIAL PROD. OIL	BPD. WATER	BPD. GAS	MCFD	LINER				
PRESENT PROD. OIL	BPD. WATER	BPD. GAS	MCFD	TUBING				
COMPLETION DATE	MUD TYPE	MUD WT.	OPEN HOLE		7 7/8	KB	3462	SHOTS/FT.
PACKER TYPE	SET AT		PERFORATIONS					
BOTTOM HOLE TEMP.	PRESSURE		PERFORATIONS					
MISC. DATA	TOTAL DEPTH		PERFORATIONS					

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-11-88	DATE 10-11-88	DATE 10-12-88	DATE 10-12-88
TIME 1:00	TIME 2:00	TIME 7:00	TIME 6:00

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR	1	
FLOAT SHOE	1	
GUIDE SHOE	1	
CENTRALIZERS	1	
BOTTOM PLUG	1	
TOP PLUG	1	
HEAD	1	
PACKER	1	
OTHER Basket	1	

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
D. McChesney	21814	HAYS, KS
M. Childers		
R. Bennett	2018	" "
D. Rothman	2709	" "
G. Palmborg	FS	" "

MATERIALS

TREAT. FLUID	DENSITY	LB/GAL. API
DISPL. FLUID	DENSITY	LB/GAL. API
PROP. TYPE	SIZE	LB.
PROP. TYPE	SIZE	LB.
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
ACID TYPE	GAL.	%
SURFACTANT TYPE	GAL.	IN
WE AGENT TYPE	GAL.	IN
FLUID LOSS ADD. TYPE	GAL.-LB.	IN
GELLING AGENT TYPE	GAL.-LB.	IN
F.R.C. RED. AGENT TYPE	GAL.-LB.	IN
BREAKER TYPE	GAL.-LB.	IN
BLOCKING AGENT TYPE	GAL.-LB.	
PERFPAC BALLS TYPE	QTY.	
OTHER		
OTHER		

DEPARTMENT Cement

DESCRIPTION OF JOB Cement 5 1/2 OS AS DIRECTED

JOB DONE THRU: TUBING CASING ANNULUS TBC./ANN.

CUSTOMER REPRESENTATIVE X *Kenneth Brown*

HALLIBURTON OPERATOR *D. McChesney* COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	250	A	A	2-4	3	1/2" S.P. 10%	7.60	10.61
	340	A	A	2-4	3	1/2" S.P. 10%	7.40	7.8

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING	DISPLACEMENT	PRESLUSH: BBL.-GAL.	TYPE
BREAKDOWN	MAXIMUM	LOAD & BKDN: BBL.-GAL.	PAD: BBL.-GAL.
AVERAGE	FRACTURE GRADIENT	TREATMENT: BBL.-GAL.	DISPL: BBL.-GAL. 84
SHUT-IN: INSTANT	5-MIN.	CEMENT SLURRY: BBL.-GAL. 250	TOTAL VOLUME: BBL.-GAL. 340
ORDERED	AVAILABLE	USED	REMARKS
AVERAGE RATES IN BPM			Calculated good cement
TREATING	DISPL.	OVERALL	RECEIVED STATE CORPORATION COMMISSION
CEMENT LEFT IN PIPE	REASON Requested		DEC 29 1988
			12/29/88
			CONSERVATION DIVISION
			Wichita, Kansas

CUSTOMER

15-103-23016-00-00



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 650044

FORM 190629

A Halliburton Company

DISTRICT Maple

DATE 10-12-88

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO Keamy Brown Enterprises (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 21 LEASE TRIMPER SEC. 33 TWP. 5 RANGE 11

FIELD _____ COUNTY Rock STATE Ks OWNED BY SAME

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW PSI
FORMATION THICKNESS	FROM TO			<u>1/2</u>			
PACKER: TYPE	SET AT						
TOTAL DEPTH	MUD WEIGHT						
OPEN HOLE				<u>1 1/8</u>	<u>10</u>	<u>240</u>	SHOTS/FT
INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PERFORATIONS							
PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

min 5 1/2 production casing w/ 35054 Econdite, 150 SC-GA-2 AS
Directed

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- 1. In consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.
- 2. To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- 3. Halliburton shall not be responsible for, and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- 4. Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- 5. Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof arising from a service operation performed by Halliburton hereunder.
- 6. Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- 7. Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- 8. To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
- 9. 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.
- 10. 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- 11. 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, indirect, punitive or consequential damages.
- 12. Invoices 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 an attorney for enforcement of said account, Customer agrees to pay all collection costs and attorney's fees in the amount of 20% of the amount of the unpaid account.
- 13. This contract shall be governed by the law of the state where the services are performed or equipment or materials are furnished.
- 14. 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.

RECEIVED
STATE CORPORATION COMMISSION

DEC 20 1988

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

SIGNED _____ CUSTOMER
DATE 10-12-88
TIME 2:30 A.M./P.M.

CONSERVATION DIVISION
Wichita, Kansas

Consent 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.



BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND TICKET NO. **650644**

Division of Halliburton Company
MUNICIPAL, OKLAHOMA 73536

DATE 10-11-88	CUSTOMER ORDER NO.	WELL NO. AND FARM Stamper #1	COUNTY Roos	STATE Kansas
CHARGE TO Kenny Brown Enterprises		OWNER Same	CONTRACTOR R & C Drilling No. B 655139	
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 50325	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO N/E Plainville, Ks	TRUCK NO. 3703 51252	RECEIVED BY <i>McGhee</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
				350 Cu. Et. Pozmix Cement 10% Gel							
504-308	516.00261	1	B	Standard Cement	228				5.45	1,242	60
506-105	516.00286	1	B	Pozmix 'A'	122				2.88	351	36
506-121	516.00259	1	B	6sk Halliburton Gel @2%							n/e
507-277	516.00259	1	B	24sk Halliburton Gel @8%	350				.74	259	00
507-210	890.50071	1	B	Flocele Blended	88	lb			1.21	106	48
508-285	70.15250	1	B	Econolite Blended	600	lb			.80	480	00
504-308	516.00261	1	B	Standard Cement	150				5.45	817	50
509-968	516.00315	1	B	Salt Blended	1170	lb			.073XX	85	41
508-127	890.50131	1	B	Cal Seal Blended					14.60	102	20
508-291	51600337	1	B	Hilsonite Blended	1850	lb			.33	610	50

THIS IS NOT AN INVOICE

		Returned Mileage Charge	RECEIVED STATE CORPORATION COMMISSION CONSERVATION DIVISION Wichita, Kansas	TOTAL WEIGHT	TON MILES	
				SERVICE CHARGE ON MATERIALS RETURNED	CU. FEET	
500-207	1	B			563 CU. FEET	
				SERVICE CHARGE	.95	
500-306	1	B	Mileage Charge	51.958	181.853 FOR MILES	
				TOTAL WEIGHT	.70	
No. B 655139					CARRY FORWARD TO INVOICE	SUB-TOTAL
						4,717 20