

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 8996
Name: Mid-Continent Resources, Inc.
Address P.O. Box 399

City/State/Zip Garden City, KS 67846

Purchaser: Clear Creek

Operator Contact Person: Cecil O'Brate

Phone (316) 275-2963

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Scott Corsair

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

11-27-90 12-03-90 12-04-90
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23-524 (800)

County Ness East

W/2 NW Sec. 25 Twp. 19S Rge. 22W West

3960 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

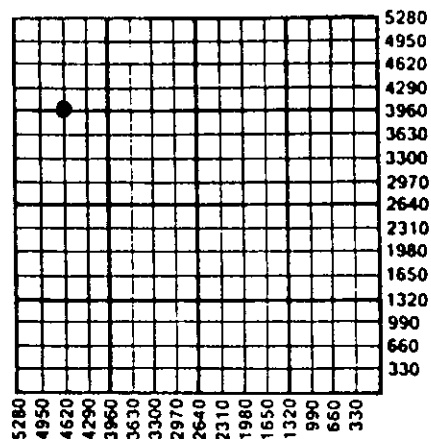
Lease Name Borger Well # 2

Field Name Schaben

Producing Formation Mississippian Osage

Elevation: Ground 2276 KB 2285

Total Depth 4403 PBTD NA



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Wichita, Kansas

6-3-91

Amount of Surface Pipe Set and Cemented at 302 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1475

feet depth to 40 feet w/ 300 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 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.

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.

Signature [Signature]

Title Jack E. Goss Agent f/Operator Date 12-20-90

Subscribed and sworn to before me this 20th day of December, 19 90.

Notary Public Melanie Rau
Melanie Rau

Date Commission Expires 4-18-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



PI

SIDE TWO

Operator Name Mid-Continent Resources, Inc. Lease Name Borger Well # 2
 Sec. 25 Twp. 19S Rge. 22W East West County Ness

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.)	<p align="center">Formation Description</p> <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1505</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3744</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3794</td> <td></td> </tr> <tr> <td>Kansas City</td> <td></td> <td>4136</td> </tr> <tr> <td>Pawnee</td> <td>4216</td> <td></td> </tr> <tr> <td>Fort Scott</td> <td>4298</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>4392</td> <td></td> </tr> <tr> <td>Osage</td> <td></td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1505		Heebner	3744		Lansing	3794		Kansas City		4136	Pawnee	4216		Fort Scott	4298		Mississippian	4392		Osage		
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Osage																												

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 1/4"	8-5/8"		302	60/40 Poz	165	2% gel, 3% cc
Production		5 1/2"		4393	60/40 Poz	150	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD Size 2 7/8 Set At 4370 Packer At NA Liner Run Yes No

Date of First Production 1-4-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>15</u>	Gas Mcf <u>NA</u>	Water Bbls. <u>210</u>	Gas-Oil Ratio <u>NA</u>	Gravity <u>40</u>
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
4393
4403

DISTRICT Hwy. 1 DATE 4-16-91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Amerson Mid-Continent Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 7 LEASE Borg's SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY Nova STATE Pa. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE RBP SET AT 3804
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			<u>5 1/2</u>			
LINER						
TUBING			<u>2 1/2</u>			
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____
Cont. 1 1/2" outside with 250' of 1 1/2" N^o 1000
30' of standard 2 1/2"

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

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) 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 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.
- b) 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:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury 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 result 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 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 the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer do 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.
- c) 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.
- d) 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 the event of a 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.
- e) 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 or 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.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) 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.

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CONSERVATION DIVISION

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

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



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO. 12576

ORIGINAL

DATE 4-16-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Borger #2	COUNTY Ness	STATE Kansas
CHARGE TO <i>Mid Cont. Resources</i> American Wellstar		OWNER Same	CONTRACTOR No. B 904125	
MAILING ADDRESS <i>Box 769</i>		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE <i>Concho, Tex.</i>		DELIVERED TO S Bazine, Ks	TRUCK NO. 51252	RECEIVED BY <i>P. [Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT			
		L	D		QTY.	MEAS.	QTY.	MEAS.					
504-316		2	B	Halliburton Light Cement	250				5.21	1,302	50		
504-308	516.00261	2	B	Standard Cement	50				3.45	272	50		
509-406	890.50812	2	B	Calcium Chloride Blended	1				26.25	26	25		
507-210	890.50871	2	B	Flocele Blended	63	lb			1.30	81	90		
					Returned Mileage Charge		TOTAL WEIGHT		LOADED MILES		TON MILES		
					SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		2	B	SERVICE CHARGE				306	1.15	351	90		
500-306		2	B	Mileage Charge	27.893		18	251.037	.80	200	83		
					TOTAL WEIGHT		LOADED MILES		TON MILES				
No. B904125					CARRY FORWARD TO INVOICE					SUB-TOTAL		2,235 88	

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Wichita, Kansas

HALLIBURTON SERVICES
JOB LOG

WELL NO. 2 LEASE Boeger TICKET NO. 12096
 CUSTOMER Mich. Contract Resources PAGE NO. 1 ORIGINAL
 JOB TYPE Supplies DATE 4-16-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							Called out
	0930							on loc. Set up truck Pig Running tool
	1115							50' BOPD 2804
			22				950	Lead into 2 1/2" test plug w/ 200pi hold
			45					ok. hole all out of hole & spot sand
	1145							sand spread past tubing out of hole
	1400							Release @ 1400 Pigging Back to head
	1440	3					250	Take inj. Rate 3.000 250gpm
								Good flow in flow
	1445							Start mixing 2000 1100
	1505		30					2000 mixed for circulation
	1510							Start 500ft standard 2 1/2" CC
	1515							Finished mixing Release Plug & Dis.
								Bottom plug with measure hole
	1525							Get circulation back full start time
	1530							Plug down spaced 20' above pool
								of hole & well head
								wash & Pack up truck
								job complete

*Thank you
Denny*

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CUSTOMER

WELL DATA

ORIGINAL

WELL DATA form with fields for FIELD, SEC, TWP, RNG, COUNTY, STATE, FORMATION NAME, THICKNESS, PROD. OIL, WATER, GAS, MCFD, COMPLETION DATE, MUD TYPE, PACKER TYPE, SET AT, BOTTOM HOLE TEMP, PRESSURE, MISC. DATA, TOTAL DEPTH.

JOB DATA

Table with 4 columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes DATE and TIME for each.

PERSONNEL AND SERVICE UNITS

Table with 3 columns: NAME, UNIT NO. & TYPE, LOCATION. Lists personnel like R. Taylor, B. Taylor, P. Tolson.

STATE CORPORATION COMMISSION

APR 19 1991

CONSERVATION DIVISION Wichita, Kansas

DEPARTMENT, DESCRIPTION OF JOB, JOB DONE THRU (TUBING, CASING, ANNULUS, TBG/ANN.), CUSTOMER REPRESENTATIVE, HALLIBURTON OPERATOR, COPIES REQUESTED.

CEMENT DATA

Table with 8 columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL.

PRESSURES IN PSI

SUMMARY

VOLUMES

Summary section with fields for CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, ORDERED, TREATING, FEET, PRESLUSH, LOAD & BKDN, TREATMENT, CEMENT SLURRY, TOTAL VOLUME, REMARKS.

CUSTOMER: ... DATE: 4/16/91

HALLIBURTON SERVICES
Duncan, Oklahoma 73530

A Division of Halliburton Company

TICKET NO. 125896-1

ORIGINAL

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>7 Bunge</i>		COUNTY <i>Nowata</i>	STATE <i>Ks</i>	CITY / OFFSHORE LOCATION	DATE <i>4/16/91</i>
CHARGE TO <i>Med Contract Services</i>		OWNER <i>Seamus</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS <i>1111</i>		CONTRACTOR <i>Pl... Well Serv.</i>	LOCATION <i>1 Med Contract</i>		CODE <i>73533</i>
CITY, STATE, ZIP <i>Wichita, KS</i>		SHIPPED VIA <i>09001</i>	FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT	LOCATION <i>2 Hwy</i>	CODE <i>73535</i>
WELL TYPE <i>01</i>	WELL CATEGORY <i>02</i>	WELL PERMIT NO.	DELIVERED TO <i>Wichita</i>	LOCATION <i>3</i>	CODE
TYPE AND PURPOSE OF JOB <i>010</i>		B- 704175	ORDER NO.	REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000 117		1		MILEAGE	17	mi.			7.42	46	1.20
009 134	009 119	1		Pump Service						915	0.2
010 018		1		5 1/2" Top Plug	1	plg	5/8" dia			50	0.2

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CONSERVATION DIVISION
Wichita, Kansas

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B- 704175**

7,353.20

WAS JOB SATISFACTORILY COMPLETED? _____
WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

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.

Ray B. Baker
HALLIBURTON OPERATOR

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

X *North Coleman*
CUSTOMER OR HIS AGENT (SIGNATURE)

HALLIBURTON APPROVAL

CUSTOMER

2270 Cont. & BMD FE.
 FORM 1906 R-11 17237

WELL NO. - FARM OR LEASE NAME 2 Boryer		COUNTY Nes	STATE Ks.	CITY / OFFSHORE LOCATION	DATE 12-3-90
CHARGE TO Mid Continent Resources		OWNER Same		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS Box 399		CONTRACTOR Murfin D&G Co.		LOCATION 1 Ness City, Ks.	CODE 25553
CITY, STATE, ZIP Garden City, Ks.		SHIPPED VIA Ness City	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2 Ness City, Ks.	CODE 25525
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO Location	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 035		ORDER NO. B-903932		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE 51145	19	mil.			22	414 65
000-118		1		Mileage Surcharge	19	mil.			.40	7 60
001-016		1		Pump Service	4400	Ft.				1,200 00
80	837.135	1		Packer Shoe	1	ea	5 1/2 in			2,400 00
40	801.9302	1		S-4 Centralizers	5	ea	5 1/2 in	4400		220 00
390	800.8383	1		Cmt. Basket	1	ea	5 1/2 in			90 00
018-315		1		Mud Flush	600	gal			.45	270 00
82	855.02313	1		Auto. Fillup Assy	1	ea	7 1/2 in			45 00

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 Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-903932**

WAS JOB SATISFACTORILY COMPLETED? _____
 WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____
 X **Scott Corsair**
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X **Scott Corsair**
 CUSTOMER OR HIS AGENT (SIGNATURE)

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.

Royce B. Seibert
 HALLIBURTON OPERATOR

Scott Corsair
 FIELD OFFICE

HALLIBURTON APPROVAL

853 27
 5167 14
 5086 14
 SUB TOTAL
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

ORIGINAL



HALLIBURTON SERVICES
Duncan, Oklahoma 73828
A Division of Halliburton Company

**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

FOR INVOICE AND
TICKET NO.

DATE 12-3-90	CUSTOMER ORDER NO.	WELL NO. AND FARM #2 Borger	COUNTY Ness	STATE Kansas
CHARGE TO Mid Continent Resources		OWNER Same:	CONTRACTOR Murfin Drig.	No. B 903932
MAILING ADDRESS Box 379		DELIVERED FROM Hays, Ks.	LOCATION CODE 25525	PREPARED BY Becker
CITY & STATE Geary, Mo.		DELIVERED TO S/R Bazine, Ks.	TRUCK NO. 51252	RECEIVED BY R. J. ...

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				150Cu.Ft. Pozmix Cmt. @2% Gel						
504-308	516.00261	1B		Standard Cement	90				5.45	409 50
506-105	516.00286	1B		Pozmix 'A'	60				2.88	172 80
506-121	516.00259	1B		3sk Halliburton Gel @2%						n/w
<p>RECEIVED STATE CORPORATION COMMISSION APR 10 1991 CONSERVATION DIVISION Wichita, Kansas</p>										
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET		
500-207		1B		SERVICE CHARGE				150	1.10	165 00
500-306 500-307		1B		Mileage Charge	13,200	19	125.400		.75	94 92
No. B903932				TOTAL WEIGHT		LOADED MILES	TON MILES		.10	12 92
CARRY FORWARD TO INVOICE									SUB-TOTAL	853 89

DISTRICT Hays, Ks

DATE 12-3-90

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Mid Continant Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Burger SEC 25 TWP. 19 RANGE 22

FIELD _____ COUNTY Ness STATE Ks OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 4403 MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING			<u>5 1/2</u>	<u>KB</u>	<u>4393</u>	
LINER						
TUBING						
OPEN HOLE				<u>4393</u>	<u>4403</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Com. 5 1/2" long String with 150 sk 60-40 Puz 2% Gel

500 gal Mud Flush ahead of end.

APR 9 1991

CONSERVATION DIVISION
WICHITA, KANSAS

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

- As 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 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 defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of 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 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.
 - 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.

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

SIGNED [Signature] CUSTOMER

DATE 12-3-90

TIME 1:00 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.

FIELD OFFICE

WELL DATA

FIELD _____ SEC. 25 TWP. 19 RNG. 22 COUNTY Miss STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4403

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			5 1/2	KB	4395	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-3-90</u>	DATE <u>12-3-90</u>	DATE <u>12-3-90</u>	DATE <u>12-4-90</u>
TIME <u>1800</u>	TIME <u>1930</u>	TIME <u>2130</u>	TIME <u>1400</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Pre-R shoe 5 1/2</u>	<u>1</u>	<u>HOWCO</u>
GUIDE SHOE		
CENTRALIZERS <u>S-4</u>	<u>5</u>	<u>HOWCO</u>
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER <u>Calc. Blocker</u>	<u>1</u>	<u>HOWCO</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API _____

DISPL. FLUID _____ DENSITY 4 _____ LB/GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____ IN _____

NE AGENT TYPE _____ GAL. _____ IN _____

FLUID LOSS ADD. TYPE _____ GAL-LB. _____ IN _____

GELLING AGENT TYPE _____ GAL-LB. _____ IN _____

FRIC. RED. AGENT TYPE _____ GAL-LB. _____ IN _____

BREAKER TYPE _____ GAL-LB. _____ IN _____

BLOCKING AGENT TYPE _____ GAL-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Legler</u>	<u>Comp</u>	<u>Miss. City, Ks.</u>
<u>R. Carter</u>	<u>51145</u>	<u>Miss. City, Ks.</u>
<u>L. Coo</u>	<u>51222</u>	<u>Highway</u>

STATE CORPORATION COMMISSION RECEIVED

APR 10 1991

CONSERVATION DIVISION Wichita, Kansas

DEPARTMENT CM1

DESCRIPTION OF JOB Calc. 5 1/2" Long String

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X South-Crown

HALLIBURTON OPERATOR Regis B. Sefton COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>60-40 B3</u>		<u>B</u>	<u>2% Gel</u>	<u>1.28</u>	<u>14.76</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: 0 GAL _____ TYPE Multi-Flash

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: 0 GAL 107

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: 0 GAL 34

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET 13 REASON Shut In

REMARKS

See Chart & Job Log

Thank You Regis

CUSTOMER: Mid-Century Petroleum Lease Well No: 2 Job Type: Long String Date: 12-3-90

JOB LOG

WELL NO. 2 LEASE Barger TICKET NO. 080229
 CUSTOMER Mid Continent Resources PAGE NO. 1
 JOB TYPE Long String DATE 12-3-90

ORIGINAL

FORM 2013 R-2

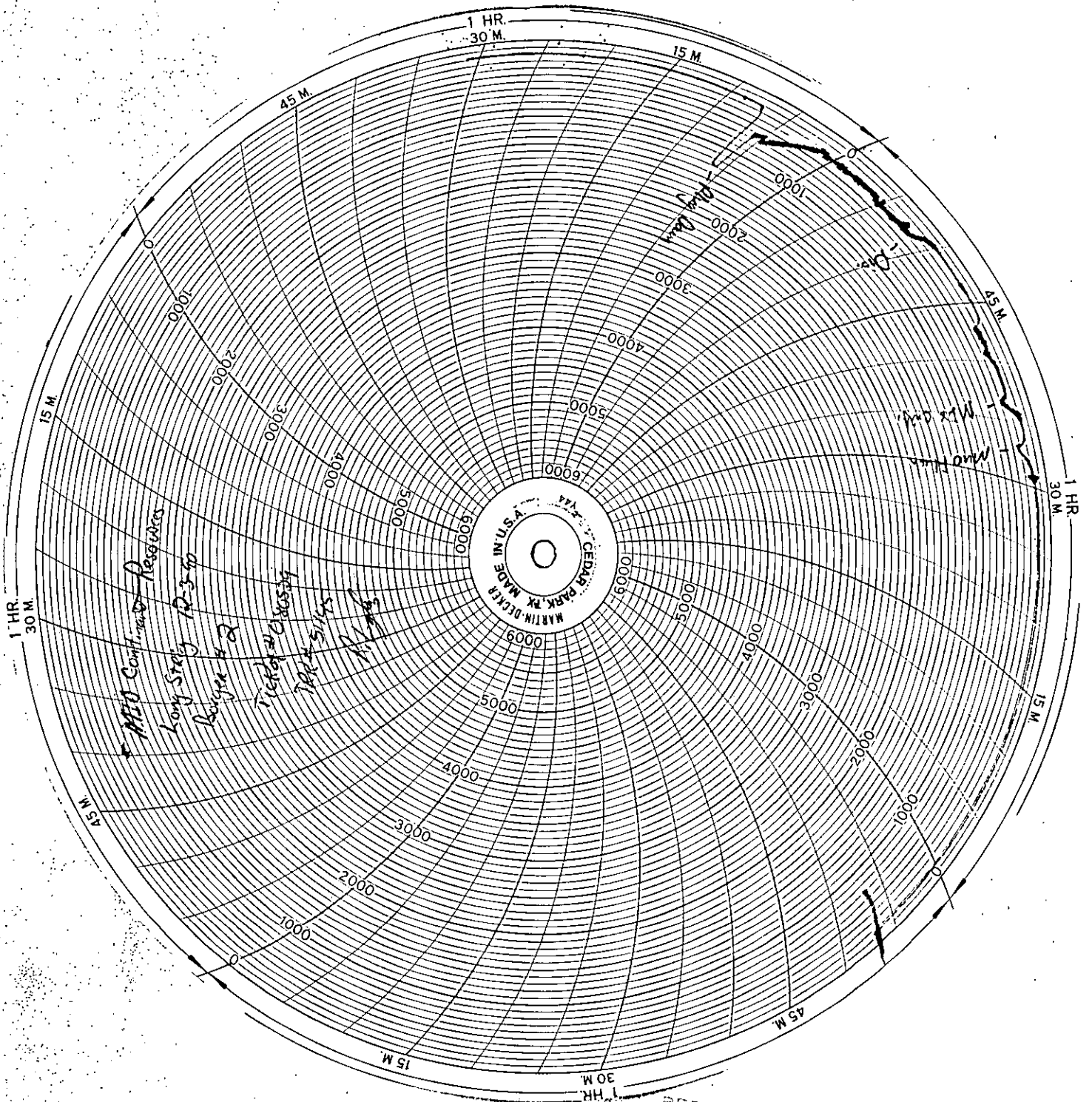
CHART NO.	TIME	RATE (BPM)	VOLUME (EBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							Called out
	1930							on loc. Rig laying down O.P.
	2130							Start 5 1/2" Csgn Packer Shoe + Baffle on 12'
								Cent. on # 2, 6, 10, 82, 88
								Cent. Basket on top of # 82
	2320							Drop Ball
	2350							Cir. with Rig pump tag Bottom
								pull up 9'
	2405							Drop Ball
	2415							Set Packer shoe 1200 psi
	2430	6	12					Pump sweep Mud flush
	2435	6	34					MIX cut
	2445							Wash pump & loss & Polysic Plug
	2447	7.5						Disc plug 107 551
	0100		107					Plug down 1100 psi holding
	0102							Release press, bench down hold
								Wash & Rack up truck
								Job Complete

Thank You Rog

RECEIVED
 CONSERVATION DIVISION
 WICHITA, KANSAS
 APR 9 1991

R. Legator B0719 } PC 51145 01
 R. Carter D0589 }
 L. C. E0037 } PC 51250 BT

ORIGINAL



RECEIVED
STATE CORPORATION COMMISSION

APR 9 1991

CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES

Duncan, Oklahoma, 73558
A Division of Halliburton Company

TICKET NO. **028298-6**

2270 cut
FORM 1906 R-11 17237

WELL NO. - FARM OR LEASE NAME <u>2 Burger</u>		COUNTY <u>Ness</u>	STATE <u>Ks.</u>	CITY / OFFSHORE LOCATION	DATE <u>11-27-90</u>
CHARGE TO <u>Mid Continent Resources</u>		OWNER <u>Same</u>		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS <u>Box 399</u>		CONTRACTOR <u>Murfin Drlg.</u>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
CITY, STATE, ZIP <u>Garden City, Ks. 17237</u>		SHIPPED VIA <u>Ness City</u>		LOCATION CODE <u>1 Ness City, Ks. 25553</u>	
WELL TYPE <u>01</u>		WELL PERMIT NO. <u>B- 903897</u>		LOCATION CODE <u>2 Hays, Ks. 25525</u>	
TYPE AND PURPOSE OF JOB <u>010</u>		ORDER NO.		LOCATION CODE <u>3</u>	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. 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 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
<u>000-117</u>				MILEAGE	<u>51145</u>	<u>19</u> <u>mi.</u>			<u>235</u>	<u>44</u>	<u>65</u>
<u>000-118</u>				Mileage Surcharge		<u>19</u> <u>mi.</u>			<u>.45</u>	<u>7</u>	<u>60</u>
<u>001-016</u>				Pump Service	<u>303</u>	<u>Ft.</u>				<u>430</u>	<u>82</u>
<u>030-563</u>				LA-11 Top Plug	<u>1</u>	<u>ea</u>	<u>8 1/2</u>	<u>in</u>		<u>59</u>	<u>00</u>

RECEIVED
STATE CORPORATION COMMISSION
GENERATION II
APR 9 1991
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B- 903897 1197 52

WAS JOB SATISFACTORILY COMPLETED? _____
WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

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.

Roger B. LeBite
HALLIBURTON OPERATOR

SUB TOTAL 1733 77



**BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION**

ORIGINAL
FOR INVOICE AND
TICKET NO. *0111*

DATE 11-28-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Borger #2	COUNTY Ness	STATE Kansas
CHARGE TO Mid Continent Resources		OWNER Same	CONTRACTOR Murfin Drig.	No. B 903897
MAILING ADDRESS <i>B. 395</i>		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE <i>Con...</i>		DELIVERED TO S/W Bazine, Ks	TRUCK NO. 3703	RECEIVED BY <i>R. H. ...</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
				QTY.	MEAS.	QTY.	MEAS.				
			165Cu. Ft. Pozmix Cement 2X Gel								
504-308	516.00261	2B	Standard Cement	99				5.45	539	55	
506-105	516.00286	2B	Pozmix 'A'	66				2.88	190	08	
506-121	516.00259	2B	3sk Halliburton Gel 2X							n/c	
509-406	890.50812	2B	Calcium Chloride Blended	4				25.75	103	00	
<p>RECEIVED STATE CORPORATION COMMISSION APR 10 1991 CONSERVATION DIVISION Wichita, Kansas</p>											
			Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		2B	SERVICE CHARGE				173	1.10	190	30	
500-306 500-307		2B	Mileage Charge	14,810	19	140.695	.75	.10	105	52	
			TOTAL WEIGHT		LOADED MILES	TON MILES			14	07	
No. B903897		CARRY FORWARD TO INVOICE					SUB-TOTAL		1,142 52		

FORM 1911 - R6 REV. 8-85

DIVISION OFFICE

DISTRICT Hays, Ks.

DATE 11-27-90

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Mid Continent Resources (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Borger SEC. 25 TWP. 16 RANGE 22

FIELD _____ COUNTY Ness STATE Ks. OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, PERFORATIONS, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cont. 8 7/8" Surface casing with 16SSls 60-40pp 24.6el, 3%cc

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

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) 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.
b) 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:
1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. 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.
c) 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.
d) 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.
e) 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.
f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
h) 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.

SIGNED [Signature] CUSTOMER

DATE 11-27-90

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. TIME 2230 A.M. P.M.

FIELD OFFICE

WELL DATA

FIELD SEC 25 TWP 16 RNG 22 COUNTY Ness STATE Ks. FORMATION NAME, THICKNESS, PROD. OIL, COMPLETION DATE, PACKER TYPE, BOTTOM HOLE TEMP., MISC. DATA TOTAL DEPTH 303

JOB DATA

TOOLS AND ACCESSORIES table with columns: TYPE AND SIZE, QTY., MAKE. Includes items like FLOAT COLLAR, SHOE, GUIDE SHOE, etc.

MATERIALS section with fields for TREAT. FLUID, DISPL. FLUID, PROP. TYPE, ACID TYPE, SURFACTANT TYPE, etc.

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times.

PERSONNEL AND SERVICE UNITS table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes names like R. Logg, T. Hardy.

DEPARTMENT, DESCRIPTION OF JOB, JOB DONE THRU (TUBING, CASING, ANNULUS, TBG/ANN.), CUSTOMER REPRESENTATIVE (X Edith Mendenhall), HALLIBURTON OPERATOR (Ray S. Galt).

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU FT/SK, MIXED LBS/GAL. Includes entry for 165 sacks of 60-40 P22 cement.

PRESSURES IN PSI

SUMMARY

VOLUMES

Summary section with fields for CIRCULATING, BREAKDOWN, AVERAGE, SHUT-IN, HYDRAULIC HORSEPOWER, ORDERED, AVAILABLE, USED, AVERAGE RATES IN BPM.

TREATING section with fields for TREATING, FEET, REASON (Requested), REMARKS (See Chart & Job Log, Thank You Ray).

CUSTOMER M.D. Contract Resources LEASE Borger WELL NO. 2 JOB TYPE Surface DATE 11-27-92

JOB LOG

WELL NO. 2 LEASE Burger TICKET NO. 028218
CUSTOMER Mid Continent Resources PAGE NO. 1
JOB TYPE Surface DATE 11-27-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							Called out
	2145							on loc. Rig laying down D.P.
	2215							Start 8 3/8" csg. in hole
	2350							Cir. with Rig Pump Csg. on Bottom
	2405	4	38					Start mixing C.C.
	2415		18.2					Finished mixing Release Plug and Dis. 18.2551
	2420							Plug down wash + pull up truck
	2455							Job Complete
								Thank You Ruge
								RECEIVED STATE CONSERVATION COMMISSION APR 9 1991 CONSERVATION DIVISION Wichita Kansas
								R. Loggins B0719 } PC 5145 PI T. Lassley 05454 }
								J. Campbell EO 822 PC 3703 BT

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No.	BERGER #2	Test No.	1	Date	12/2/90
Company	MID-CONTINENT RESOURCES	Zone Tested	FT SCOTT		
Address	P.O. BOX 399 GARDEN CITY KS 67846	Elevation	2276 GL		
Co. Rep./Geo.	MR SCOTT CORSAIR	Cont.	MURFIN #24	Est. Ft. of Pay	0
Location: Sec.	25	Twp.	19S	Rge.	22W
		Co.	NESS	state	KANSAS

Interval Tested	4288-4320	Drill Pipe Size	4.5" XH
Anchor Length	32	Top Choke — 1"	Bottom Choke — 1/4"
Top Packer Depth	4283	Hole Size — 7 7/8"	Rubber Size — 6 3/4"
Bottom Packer Depth	4288	Wt. Pipe I.D. — 2.7 Ft. Run	64
Total Depth	4320	Drill Collar — 2.25 Ft. Run	526
Mud Wt.	3:14 PM	lb/gal.	Viscosity 42 Filtrate 9.6
Tool Open @	3:14 PM	Initial Blow	VERY WEAK SURFACE BLOW TO 1/2" IN BUCKET-NO BLOW BACK
Final Blow	NO BLOW-FLUSHED TOOL-WEAK SURFACE BLOW-		

Recovery — Total Feet	5	Flush Tool?	YES
Rec.	5	Feet of	DRILLING MUD
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	

RECEIVED
STATE ROBOBATION COMMISSION
APR 6 1991
CONSERVATION DIVISION
Wichita, Kansas

BHT	102	%F Gravity		%API @	0	%F Corrected Gravity	0	%API	
RW		@	%F Chlorides		ppm Recovery	Chlorides	3800	ppm System	
(A) Initial Hydrostatic Mud	2098.7	PSI	AK1 Recorder No.	11038	Range	5075			
(B) First Initial Flow Pressure	33.4	PSI	@ (depth)	4290	w/Clock No.	27566			
(C) First Final Flow Pressure	33.4	PSI	AK1 Recorder No.	13337	Range	3975			
(D) Initial Shut-in Pressure	921.2	PSI	@ (depth)	4317	w/Clock No.	30401			
(E) Second Initial Flow Pressure	-	PSI	AK1 Recorder No.	0	Range	0			
(F) Second Final Flow Pressure	-	PSI	@ (depth)	0	w/Clock No.	0			
(G) Final Shut-in Pressure	-	PSI	Initial Opening	15					
(H) Final Hydrostatic Mud	2074.6	PSI	Initial Shut-in	25					
			Final Flow	5					
			Final Shut-in	0					

MR ROGER SELLS

800

Our Representative

TOTAL PRICE \$

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No. <u>BERGER #2</u>	Test No. <u>2</u>	Date <u>12/3/90</u>
Company <u>MID-CONTINENT RESOURCES</u>	Zone Tested <u>MISSISSIPPI</u>	
Address <u>P.O. BOX 399 GARDEN CITY KS 67846</u>	Elevation <u>2276 GL</u>	
Co. Rep./Geo. <u>MR SCOTT CORSAIR</u>	Cont. <u>MURFIN #24</u>	Est. Ft. of Pay <u>7</u>
Location: Sec. <u>25</u>	Twp. <u>19S</u>	Rge. <u>22W</u>
	Co. <u>NESS</u>	State <u>KANSAS</u>

Interval Tested <u>4391-4403</u>	Drill Pipe Size <u>4.5" XH</u>
Anchor Length <u>12</u>	Top Choke — 1" <u> </u> Bottom Choke — 1/4" <u> </u>
Top Packer Depth <u>4386</u>	Hole Size — 7 7/8" <u> </u> Rubber Size — 6 3/4" <u> </u>
Bottom Packer Depth <u>4391</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>64</u>
Total Depth <u>4403</u>	Drill Collar — 2.25 Ft. Run <u>526</u>
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>42</u> Filtrate <u>9.6</u>

Tool Open @ 6:50 AM Initial Blow 1/2" IN BLOW BUILT TO 11" - BLED OFF BLOW - VERY WEAK BLOW THROUGHOUT

Final Blow 1/2" BLOW BUILT TO 11" - BLED OFF BLOW - WEAK BLOW - DECREASED TO NO BLOW

Recovery — Total Feet <u>410</u>	Flush Tool? <u>NO</u>
Rec. <u>500</u> Feet of <u>GAS IN PIPE</u>	
Rec. <u>186</u> Feet of <u>CLEAN GASSY OIL - 30% GAS / 70% OIL</u>	
Rec. <u>124</u> Feet of <u>MUD CUT OIL - 10% GAS / 60% OIL / 30% MUD</u>	
Rec. <u>100</u> Feet of <u>MUDDY WATER W/ TRACE OF OIL - 70% WTR / 20% MUD / 10% OIL</u>	
Rec. <u>0</u> Feet of <u> </u>	

BHT 104 °F Gravity 39 °API @ 58 °F Corrected Gravity 40 °API

RW .662 @ 53 °F Chlorides 18000 ppm Recovery Chlorides 3800 ppm System

(A) Initial Hydrostatic Mud <u>2120.5</u> PSI	AK1 Recorder No. <u>11038</u>	Range <u>5075</u>
(B) First Initial Flow Pressure <u>45.5</u> PSI	@ (depth) <u>4395</u>	w/Clock No. <u>30401</u>
(C) First Final Flow Pressure <u>98.8</u> PSI	AK1 Recorder No. <u>13337</u>	Range <u>3975</u>
(D) Initial Shut-In Pressure <u>1258.5</u> PSI	@ (depth) <u>4400</u>	w/Clock No. <u>27566</u>
(E) Second Initial Flow Pressure <u>164.0</u> PSI	AK1 Recorder No. <u>0</u>	Range <u>0</u>
(F) Second Final Flow Pressure <u>176.9</u> PSI	@ (depth) <u>0</u>	w/Clock No. <u>0</u>
(G) Final Shut-In Pressure <u>1266.5</u> PSI	Initial Opening <u>45</u>	
(H) Final Hydrostatic Mud <u>2080.9</u> PSI	Initial Shut-In <u>45</u>	
	Final Flow <u>45</u>	
	Final Shut-In <u>60</u>	

MR TOM HORACEK

850

Our Representative _____

TOTAL PRICE \$ _____

ORIGINAL

KCC OIL/GAS REGULATORY OFFICE

DATE 4/16/91

- New Situation
- Response to Request
- Follow-up

OPERATOR Mid-Continent Resources # 8996

NAME P.O. Box 399

LOCATION C W/2 NW, SEC 25, T 19 S, R 22 ^W _{SE}

& ADDRESS Garden City, KS 67846

LEASE Borger Well # 2

PHONE NO. _____
OPER. _____ OTHER _____

COUNTY Ness

REASON FOR INVESTIGATION: Alternate II completion

LEASE INSPECTION

PROBLEM: _____

PERSON(S) CONTACTED: Scott Corsair

FINDINGS: Perforated at 1475', pumped 250 sx 60/40 Pozmix 6% gel and 50 sx common 2% cc. Cement did not circulate but may be in surface pipe. Temperature survey shows cement at 40'.

COMPLAINT

4/26/91-Could not pump down 8 5/8" at 300#. Cement is most likely in surface pipe.

photos taken: _____

ACTION/RECOMMENDATIONS: None. Case closed.

FIELD REPORT

RECEIVED
STATE CORPORATION COMMISSION

Retain 1 copy Joint District Office
Send 1 copy Conservation Division

MAY 02 1991

CONSERVATION DIVISION
Wichita, Kansas

By Dan Goodrow

4/26/91

