

ORIGINAL

SIDE ONE

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

API NO. 15- 135-23,538-6000

County Ness
150' NE of C East
NE SE Sec. 25 Twp. 19S Rge. 22W West

Operator: License # 8996

2086 ft. North from Southeast Corner of Section

Name: Mid-Continent Resources, Inc.

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

Address P.O. Box 399

Lease Name Humburg 1X Well # #1X

City/State/Zip Garden City, KS 67846

Field Name Schaben

Purchaser: Texaco

Producing Formation Mississippian Osage

Operator Contact Person: Cecil O'Brate

Elevation: Ground 2270 KB 2279

Phone (316) 275-2963

Total Depth 4381 PBDT NA

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 OMD: old well info as follows:

Operator: _____

Well Name: _____

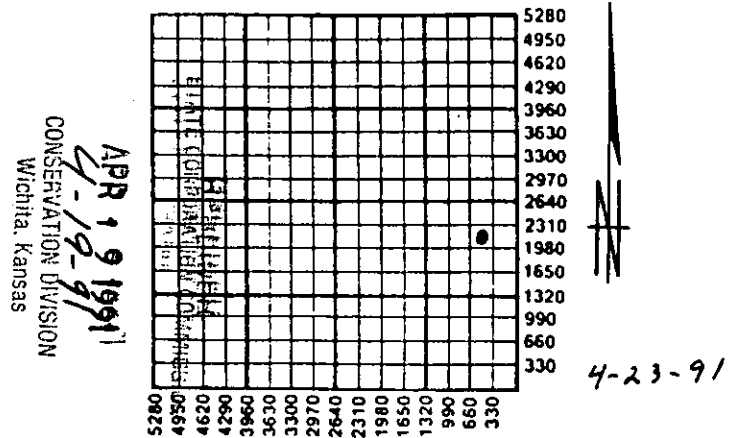
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

12-14-90 12-19-90 12-20-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 296 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1450

feet depth to surface w/ 275 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 JE Goss

Title Jack E. Goss, Agent f/Operator Date 12-31-90

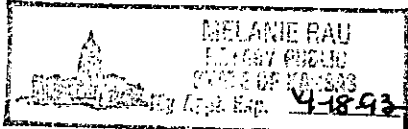
Subscribed and sworn to before me this 31st day of December, 19 90.

Notary Public 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)



P1

SIDE TWO

Operator Name Mid-Continent Resources, Inc. Lease Name Humburg #1X Well # _____

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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <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>1482</td> <td></td> </tr> <tr> <td>Heebner</td> <td>3734</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3780</td> <td></td> </tr> <tr> <td>Kansas City</td> <td></td> <td>4115</td> </tr> <tr> <td>Pawnee</td> <td>4198</td> <td></td> </tr> <tr> <td>Fort Scott</td> <td>4276</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>4298</td> <td></td> </tr> <tr> <td>Mississippian</td> <td>4368</td> <td></td> </tr> <tr> <td>Osage</td> <td></td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1482		Heebner	3734		Lansing	3780		Kansas City		4115	Pawnee	4198		Fort Scott	4276		Cherokee	4298		Mississippian	4368		Osage		
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Osage																															

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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"		296	60/40 Poz	165	2% gel, 3% cc
Production		5-1/2"		4372	60/40 Poz	125	2% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2 3/8	3500						
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
1-19-91							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	15		100		41		

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval
4372
4381

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No. <u>HUMBURG #1-X</u>	Test No. <u>1</u>	Date <u>12-19-90</u>	
Company <u>MID-CONTINENT RESOURCES</u>	Zone Tested <u>MISSISSIPPI</u>		
Address <u>PO BOX 399 GARDEN CITY KS 67846</u>	Elevation <u>2270 GL</u>		
Co. Rep./Geo. <u>SCOTT CORSAIR</u>	Cont. <u>MURFIN</u>	Est. Ft. of Pay <u>9</u>	
Location: Sec. <u>25</u>	Twp. <u>19S</u>	Rge. <u>22W</u>	Co. <u>NESS</u> State <u>KS</u>

Interval Tested <u>4372-4381</u>	Drill Pipe Size <u>4.5 XH</u>
Anchor Length <u>9</u>	Top Choke — 1" <u> </u> Bottom Choke — 1/4" <u> </u>
Top Packer Depth <u>0</u>	Hole Size — 7 7/8" <u> </u> Rubber Size — 6 3/4" <u> </u>
Bottom Packer Depth <u>4372</u>	Wt. Pipe I.D. — 2.7 Ft. Run <u>64</u>
Total Depth <u>4381</u>	Drill Collar — 2.25 Ft. Run <u>455</u>
Liquid Wt. <u>9.2</u> lb/gal.	Viscosity <u>48</u> Filtrate <u>STATE OPERATIONS COMMISSION</u>
Time Open @ <u>11:</u> Initial Blow <u>FAIR BLOW TO 6" IN WATER</u>	<div style="border: 1px solid black; padding: 5px; transform: rotate(-15deg); display: inline-block;"> RECEIVED 10 8 APR 19 1991 CONSERVATION DIVISION Wichita, Kansas </div>
Final Blow <u>WEAK TO FAIR 5" IN WATER</u>	

Recovery — Total Feet <u>210</u>	Flush Tool? <u>N</u>
1st. <u>120</u> Feet of <u>GAS CUT OIL 100% OIL</u>	
2nd. <u>90</u> Feet of <u>WATERY MUD 25% WATER 75% MUD</u>	
3rd. <u>0</u> Feet of <u> </u>	
4th. <u>0</u> Feet of <u> </u>	
5th. <u>0</u> Feet of <u> </u>	

HT	°F Gravity	°API @	0	°F Corrected Gravity	0	°API
W	@	°F	Chlorides	ppm Recovery	Chlorides	6000 ppm System
U	Initial Hydrostatic Mud	<u>2210.9</u>	PSI	AK1 Recorder No.	<u>13851</u>	Range <u>4425</u>
V	First Initial Flow Pressure	<u>32.2</u>	PSI	@ (depth)	<u>4377</u>	w/Clock No. <u>31154</u>
W	First Final Flow Pressure	<u>46.6</u>	PSI	AK1 Recorder No.	<u>13850</u>	Range <u>4325</u>
X	Initial Shut-in Pressure	<u>1098</u>	PSI	@ (depth)	<u>4381</u>	w/Clock No. <u>27585</u>
Y	Second Initial Flow Pressure	<u>88.8</u>	PSI	AK1 Recorder No.	<u>0</u>	Range <u>0</u>
Z	Second Final Flow Pressure	<u>86.6</u>	PSI	@ (depth)	<u>0</u>	w/Clock No. <u>0</u>
AA	Final Shut-in Pressure	<u>1068.2</u>	PSI	Initial Opening	<u>30</u>	
AB	Final Hydrostatic Mud	<u>2207.5</u>	PSI	Initial Shut-in	<u>30</u>	
				Final Flow	<u>30</u>	
				Final Shut-in	<u>45</u>	

HAROLD SCHMIDT

550

Our Representative _____

TOTAL PRICE \$ _____

2276 G. & B. Ma. FE.
FORM 1906 R-11

ORIGINAL 17237

A Division of Halliburton Company

WELL NO. - FARM OR LEASE NAME #1 Humbury		COUNTY Ness	STATE Ks.	CITY / OFFSHORE LOCATION	DATE 12-20-90
CHARGE TO MIO Continent Resources		OWNER Summa	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 P.O. Box 349		CONTRACTOR Martin Oily Co.	LOCATION 1 Ness City, Ks.		CODE 102223
CITY, STATE, ZIP Garden City, Ks.		SHIPPED VIA Ness City, Ks.	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2 Humbury, Ks.	CODE 05523
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. B-515859	DELIVERED TO Siz, Beggs, Ks.	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 025		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 exclusion 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 3580	18	mi			235	42.30
000-118		1		M. large Surchage	12	mi			40	7.20
001-016		1		Pump Service	4313	ft			1.00	1200.00
213-009		1		Mud pump	500	gal			45	225.00
80	855.117	1		Formation Packer Stone	1	ea	5 1/2 in		2100	2100.00
70	1079.022	1		Centralizers 84	5	ea	5 1/2 in		44.00	220.00
320	800.8843	1		Cement Bucket	1	ea	5 1/2 in		90.00	90.00
82	855.02545	1		Fill up Assy	1	ea	5 1/2 in		45.00	45.00

STATE CORPORATION COMMISSION
 APR 19 1991
 CONSERVATION DIVISION
 WICHITA, KANSAS

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-515859

894.50

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 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.

[Signature]
 HALLIBURTON OPERATOR
 [Signature]
 HALLIBURTON APPROVAL
 FIELD OFFICE

SUB TOTAL 5124.03
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.



A Division of Halliburton Company
DUNCAN, OKLAHOMA 73838

BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION

FOR INVOICE AND
TICKET NO.

ORIGINAL

DATE 12-15-90	CUSTOMER ORDER NO.	WELL NO. AND FARM #1 Whittman	COUNTY Ness	STATE Kansas
CHARGE TO Mid Continent Resources	OWNER Same:	CONTRACTOR No. B515859		
MAILING ADDRESS	DELIVERED FROM Hays, Ks.	LOCATION CODE 25525	PREPARED BY Becker	
CITY & STATE	DELIVERED TO S/E Bazine, Ks.	TRUCK NO. 0818	RECEIVED BY	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
				125Cu. Ft. Pozmix Cmt. No Gel								
504-308	516.00261	1	B	Standard Cement	75				5.45	408	75	
506-105	516.00286	1	B	Pozmix 'A'	50				2.88	144	00	
509-406	890.50812	1	B	Calcium Chloride Blended	2				25.75	51	50	
<p>STATE COMMISSION APR 9 1991 CONSERVATION DIVISION Wichita, Kansas</p>												
				Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES					
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET				
500-207		1	B	SERVICE CHARGE				129	1.10	141	90	
500-306		1	B	Mileage Charge	10,910	32		174.360		130	92	
500-307				TOTAL WEIGHT		LOADED MILES		TON MILES	.75	63	88	
									.10	17	40	
No. B	515859	CARRY FORWARD TO INVOICE						SUB-TOTAL			894	53
										828	38	

FORM 1911-R5 REV. 9-81

DIVISION OFFICE

ORIGINAL AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 080553

DISTRICT Hays, Ks

DATE 12-20-90

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

WELL NO. #1 LEASE Humburg 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	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		<u>U</u>	<u>14</u>	<u>5 1/2</u>	<u>KB</u>	<u>4372</u>	
LINER							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE Formation Packer shoe SET AT _____

TOTAL DEPTH 4381 MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Long string - Formation Packer shoe - cont w/ 125 sks 60/40 nigel 220cc

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 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.
 - 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:
 - 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.
 - 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 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.
 - 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 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.
 - 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 to this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

STATE CORPORATION COMMISSION

APR 19 1991

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 12-20-90

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.

Wichita, Kansas

FIELD OFFICE

ORIGINAL

WELL DATA

FIELD _____ TWP. 19, RING. 22 COUNTY Ness 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 4381

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	14	5 1/2	KB	4372	
LINER						
TUBING						
OPEN HOLE			7 1/2	4373	4384	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE Forcking Packer shoe	1	HAWCO
CENTRALIZERS S-4 5 1/2	5	HAWCO
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
CTB Cnt Birelet	1	HAWCO

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-20-90	DATE 12-20-90	DATE 12-20-90	DATE 12-20-90
TIME 08:00	TIME 14:00	TIME 16:30	TIME 21:40

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Fuchs	40022	Ness City, KS
D. Kimmey	Rel-p	Ness City, KS
A. Roberts	3580	Ness City, KS
D. Ueber	0818	Hays, KS
	Bulb	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB

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 _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT *Cont.*

DESCRIPTION OF JOB *string string*

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE *X Dean Jones*

HALLIBURTON OPERATOR *P. Fuchs* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS./GAL.
1	125	60/40	Praxair B	nagel	27.00	1.08	15.1

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 _____ DISP: BBL-GAL 106.7

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY BBL-GAL 27.8

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 11 REASON shoe joint

REMARKS
STATE COMMISSION
APR 9 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: *Amco Oil Services for Resources*
Humberg
WELL NO. #1
JOB TYPE: *1*
DATE: *12-20-90*

FORM 2013 R-2

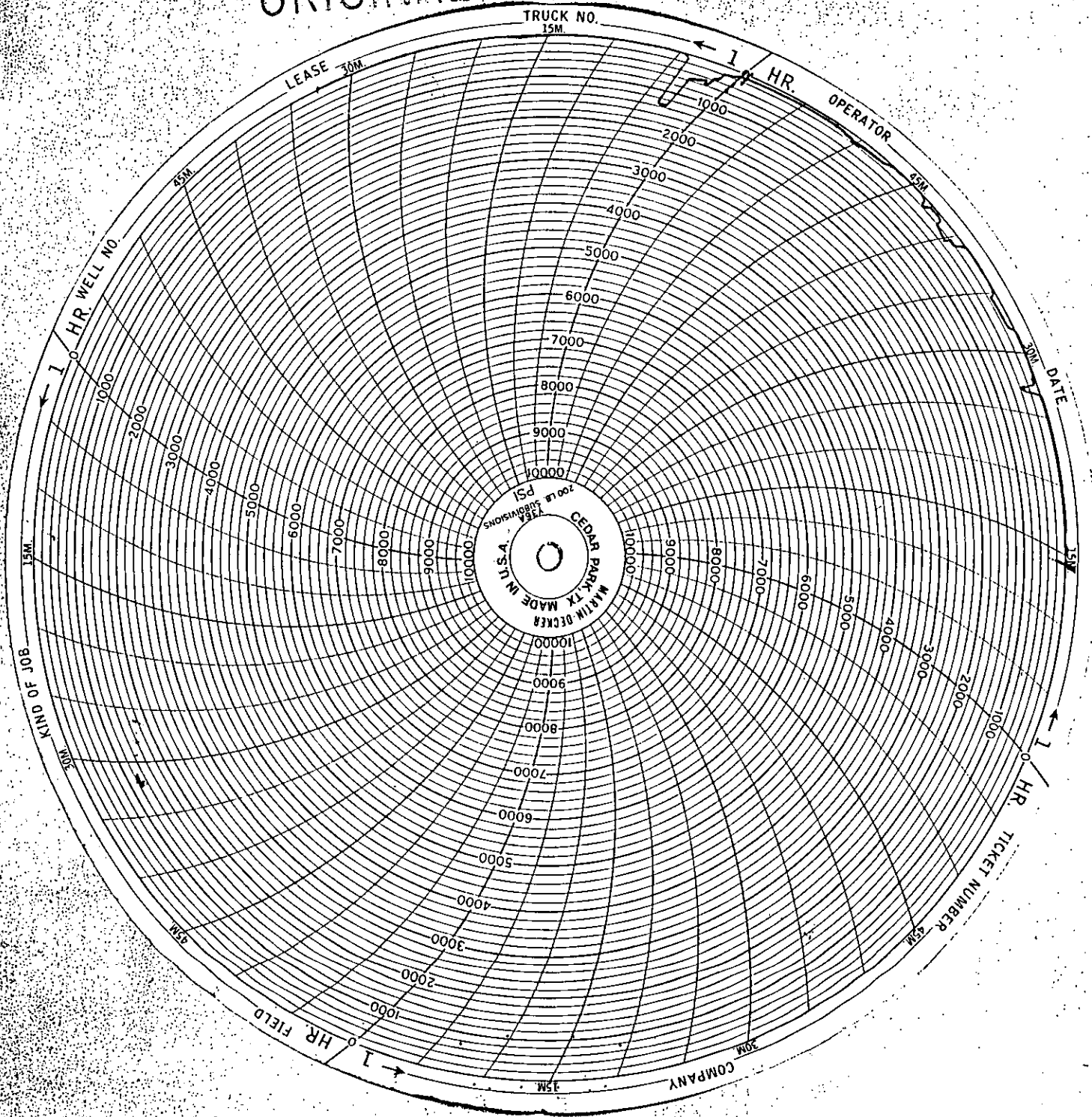
ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	08:00							Called out
	14:00							On location / R. g. logging down drill pipe
	16:30							Start csg on hole, formation packer shoe w/ latch down baffle 5 centalogs on 5, 9, 12, 5, 4, 8, 8, 8 Collarage
								Cont Breaker sliding on 85" ft. Casing bottom - Drapped Fill up tube baffle
	19:30							Started c.c.
	20:00							Done c.c.
	20:02							Drapped Formation Packer shoe ball
	20:05							Started c.c.
	20:15							Set Packer shoe
	20:20							Circulated
	20:30	4	12					Run 12 bbls mud flush
	20:35							Started mixing cont
	20:40	5	24					Done mixing cont
	20:42	5	5					washed out line of Release and plug
	20:45	6	0					Started circpl
	21:00	7	107			600		Done w/ deupl
	21:00					1200		Loaded plug at 1200 PSI
	21:05					0		Release pressure - latch down held
	21:15							washed up
	21:20							Racked up
	21:40							Job completed
								Thank you
								Ed

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 STATE CORPORATION COMMISSION
 APR 9 1991
 CONSERVATION DIVISION
 Wichita, Kansas

T. Fuchs = 81143
 D. Lerman = 71111
 A. Roberts = 97238
 D. Fendley = 80746

ORIGINAL



RECEIVED
STATE CORPORATION COMMISSION

APR 9 1991

CONSERVATION DIVISION
Wichita, Kansas

DISTRICT HAYS, KS

DATE 12-14-90

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 RIS. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE HUMBURG SEC. 25 TWP. 19S RANGE 22W

FIELD _____ COUNTY Ness STATE Ks OWNED BY SHMC

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 PACKER: TYPE _____ SET AT _____
 TOTAL DEPTH 296' 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>n</u>	<u>19</u>	<u>8 3/8</u>	<u>TOP</u>	<u>295</u>	
LINER						
TUBING						
OPEN HOLE			<u>10 1/4</u>	<u>295</u>	<u>296</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
CONCRETE SURFACE CESS. WITH 165 SY 60-40 POZ-MIX
296901 AND 296 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. 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.
 - 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 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.
 - 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 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.
 - 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 mining 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.
 - 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 _____ TIME _____ A.M. **RECEIVED** STATE COMPOSITION COMMISSION

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

APR 19 1991

CONSERVATION DIVISION
 Wichita, Kansas

FIELD _____ SEC. D31 WELL DATA TWP. 19S RNG. DDW COUNTY WESS 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 096

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	11	19	5 7/8	TOP	295	
LINER						
TUBING						
OPEN HOLE			12 1/4	295	276	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>11-11 5/8</u>	<u>1</u>	<u>HALLCO.</u>
HEAD		
PACKER		
OTHER		

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.

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 _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-14-90</u>	DATE <u>12-14-90</u>	DATE <u>12-14-90</u>	DATE <u>12-15-90</u>
TIME <u>1900</u>	TIME <u>2100</u>	TIME <u>2305</u>	TIME <u>0030</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO & TYPE	LOCATION
<u>K. CARTER</u>	<u>51143</u>	<u>WESS CITY</u>
<u>B. CRASWELL</u>	<u>2018</u>	<u>KS</u>
<u>L. COE</u>	<u>0518 BULK</u>	<u>HAYS, KS</u>

DEPARTMENT Cement

DESCRIPTION OF JOB Cement Surface CSS.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Hayes Mc...

HALLIBURTON OPERATOR B. Craswell COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>163</u>	<u>60-40</u>	<u>HALLCO</u>	<u>12</u>	<u>2% 941 3% CC</u>	<u>1.28</u>	<u>17.3</u>

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. 15.25

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL. 37.6

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15 REASON Requested

CUSTOMER: M/D CONTINENT RES
LEASE: HALLIBURTON
WELL NO: 1
JOB TYPE: SURFACE
DATE: 12-14-90

JOB LOG

WELL NO. 1 LEASE HUMPHREYS TICKET NO. 028406
 CUSTOMER MID CONTINENT RES. PAGE NO. 1
 JOB TYPE SURFACE DATE 12-14-90

FORM 2013 R-2

ORIGINAL

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
12/14	1900							Called out
	2100							On Loc. AT Requested Time
	2215							Rig dng.
	2325							St. Csg.
	2330							Csg ON BOTTOM
	2335							HOOKUP TO CIRC.
	2340	5					100	HOOKUP TO TRK
	2346		37.5				200	ST. CEMENT WITH 165 SY 60-40 POZ-MIX 2% gel AND 3% CC
	2347	4					100	FINISH CEMENT
	2352		18.25				200	RELEASE TOP PLUG
								ST. DISP
								FINISH DISP
								CLOSE WELL IN
12/15	0030							WASH & HOOKUP TRK
								JOB COMPLETE
								THANK-YOU
								BRUCE & CREW
								Cement did OK.
								K. CHOTER 0 0589
								L. COC E 0084
								B. Cresswell 89543

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 CONSERVATION DIVISION
 Wichita, Kansas

HALLIBURTON SERVICES

1723 ORIGINAL

2170 Cont'd B.M.

FORM 1906 (11-11)

WELL NO. - FARM OR LEASE NAME 41 Hamburg	COUNTY Atass	STATE Ks	CITY / OFFSHORE LOCATION	DATE 12-27-90
CHARGE TO Intl. Continental Resources	OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JI YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS Box 399	CONTRACTOR	LOCATION 1 Atass City, Ks		CODE 2555
CITY, STATE, ZIP Garden City, Ks	SHIPPED VIA None	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2 Hays, Ks	
WELL TYPE 0.1	WELL PERMIT NO. B-515873	DELIVERED TO S. Bazine, Ks	LOCATION 3	
TYPE AND PURPOSE OF JOB 030	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 FINISH 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 case 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 product 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 3580	10	mi.			2.35	376
000-118		1		Mileage Surcharge	10	mi.			1.10	64
001-016		1		Pump Charge	1450	ft.				835.0
030-016		1		5 W Top Ply	1	cu.	5 1/2	in.	47.00	47.0

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APR 19 1991
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **2B-515873** 1972 2

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X CUSTOMER OR HIS AGENT (PLEASE PRINT) _____

X 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.

Don L... ..
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____
FIELD OFFICE

SUB TOTAL 2898.2

APPLICABLE TAXES & BE ADDED ON INVOICE



AND
TICKET CONTINUATION
ORIGINAL

FOR INVOICE AND
TICKET NO. **515873**

DATE 12-27-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Humburg #1	COUNTY Ness	STATE Kansas
CHARGE TO Mid Continent Resources		OWNER Same	CONTRACTOR No. B515873	
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO S Bazine, Ks	TRUCK NO. 0530	RECEIVED BY <i>[Signature]</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-308	516.00261	2B		Standard Cement	30				5.45	163	50
506-105	516.00286	2B		Pozmix 'A'	20				2.88	57	60
504-316		2B		Halliburton Light Cement	225				5.21	1,172	2
<i>504-308</i>	<i>516.00261</i>			<i>146 Reg Port</i>						1,172	
<i>506-105</i>	<i>516.00286</i>			<i>79 Pozmix A</i>						1,172	
<i>504-316</i>	<i>516.00259</i>			<i>12 Halliburton Cement</i>						1,172	
509-406	890.50812	2B		Calcium Chloride Blended	1				25.75	25	75
507-210	890.50071	2B		Flocele Blended	56	lb			1.30	72	80
					Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES			
					SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET			
500-207		2B		SERVICE CHARGE			281	1.10	309	1	
500-306		2B		Mileage Charge	25.181	16	201,448	75	151	0	
500-307				TOTAL WEIGHT		LOADED MILES	TON MILES	10	20	1	
No. B 515873								CARRY FORWARD TO INVOICE	SUB-TOTAL	1,972	2

RECEIVED
STATE COMMISSION
APR 19 1991
CONSERVATION DIVISION
Wichita, Kansas

DISTRICT Hays, KS

DATE 12-27-90

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Miel Continent Resources (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. #1 LEASE Humburg SEC. 25 TWP. 19S RANGE 22W

FIELD _____ COUNTY Miss STATE KS OWNED BY JAMP

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 7381' 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>14</u>	<u>5 1/2</u>	<u>KB</u>		
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS				<u>1450</u>	<u>1450</u>	
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ STATE MATERIALS NEED MORE

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

Cement Top outside prod. casing.

APR 19 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 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 "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 negligence, strict liability, or the unreasonableness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton which 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 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 prod 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 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, and 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 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 Dean Jones CUSTOMER

DATE 12-27-90

TIME 1400 A.M. (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. 19S RING 22W COUNTY Ness 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 7381'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			<u>5 1/2</u>	<u>6L</u>		
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS					<u>1450</u>	
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-27</u>	DATE <u>12-27</u>	DATE <u>12-27</u>	DATE <u>12-27</u>
TIME <u>11:30</u>	TIME <u>14:00</u>	TIME <u>15:00</u>	TIME <u>17:00</u>

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Lemmon</u>	<u>3580</u>	<u>Miss City, Ks.</u>
<u>B. Crosswhite</u>	<u>A. Roberts</u>	<u>Miss City, Ks.</u>
<u>D. Eubanks</u>	<u>0530</u>	<u>Hays, Ks.</u>
	<u>B. Tit</u>	

REGISTERED STATE CORPORATION COMMISSION
 APR 19 1951
 CONSERVATION DIVISION
 Wichita, Kansas

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 _____
 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 _____

DEPARTMENT Account
 DESCRIPTION OF JOB Cement top outside prod. casing.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>225</u>	<u>H.C.</u>	<u>Poz</u>	<u>D</u>	<u>1/4 # 15K Flocc</u>	<u>73 3/4</u>	<u>1.84</u>
	<u>50</u>	<u>60/10</u>	<u>Poz</u>	<u>B</u>	<u>No gel 3 1/2 C.C.</u>	<u>9 1/4</u>	<u>1.09</u>

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. 3-1/2
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 83 1/2
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 40' REASON Requested
See Job log + Chart
Thank You Alton & crew

JOB LOG

WELL NO. #1 LEASE Humburg TICKET NO. 028271

CUSTOMER Mid Continent Resources PAGE NO. 1

JOB TYPE Cement Top outside casing DATE 12-27-90

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							On location LK setting up to perforate Perforate @ 1450 Hook up to 5 1/2" casing
	1530	1 1/2				500		Take in rate
		3	5			800		Cir established
		3	74			700		Start 225 SKS HLC, with 1/2" bit floor
		3	10			500		Start 50 SKS W/10 Pcs, NO gel, 3 1/2" C.S.
	1606							Fix cnt. Wash out pump & lines. Release SWL top plug.
	1609	3						Start Displ - Follow with wire line
	1613	1 1/2						Slow rate - Head spraying out cnt. Fix Displ. - Tag @ 1415 Close in @ Head. - Circulated 25 BB, cnt. Spool out wire line Wash up & Packup.
								Job Complete
								<i>Handwritten signature</i>
								D. Learman 71218 B. Crosswhite 89573 A. Roberts 97238 D. Eubanks E0744

STATE RECEIVED CORPORATION COMMISSION

APR 19 1991

CONSERVATION DIVISION Wichita, Kansas

