

ORIGINAL

SIDE ONE

RELEASED
APR 09 1992

FROM CONFIDENTIAL

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: Koch Oil Company

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 OWD: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

11-08-90 11-15-90 11-16-90
Spud Date Date Reached TD Completion Date

API NO. 15- 15-193-20,528-0000

County Thomas

100 WNE SW SW Sec. 31 Twp. 10S Rge. 31W East West

990 Ft. North from Southeast Corner of Section

4390 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

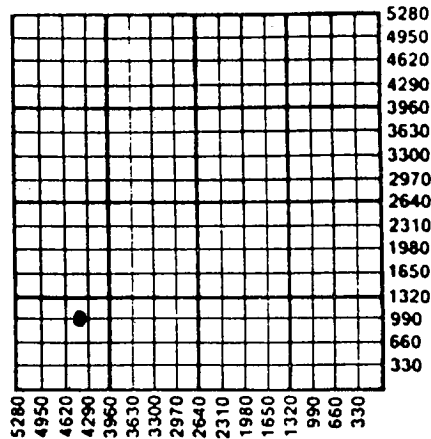
Lease Name Moorhous Well # 8

Field Name Campur North

Producing Formation LKC/Marmaton/Johnson

Elevation: Ground 3043 KB 3048

Total Depth 4715 PBD 4638



Amount of Surface Pipe Set and Cemented at 324 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2540 Feet

If Alternate II completion, cement circulated from 2540

feet depth to surface w/ 325 sx cmt.

3-21-91
MAR 21 1991
STATE CORPORATION COMMISSION OF KANSAS
CONSERVATION DIVISION
Wichita, Kansas

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 11-29-90

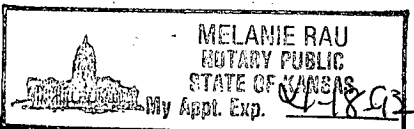
Subscribed and sworn to before me this 29th day of November, 19 90.

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)

MAY 6 1991
3-6-91
CONSERVATION DIVISION
Wichita, Kansas



ORIGINAL

SIDE TWO

Operator Name Mid-Continent Resources, Inc. Lease Name Moorhous Well # 8

Sec. 31 Twp. 10S Rge. 31W East West
County Thomas

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

Drill Stem Tests Taken Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

Formation Description		
Name	Top	Bottom
Anhydrite	2563	
Heebner	4008	
Lansing	4049	
Kansas City		4328
Marmaton	4357	
Pawnee	4453	
Cherokee	4545	

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"		324'	60/40 Poz	190	2% gel, 3% cc
Production	"	4-1/2"		4700	EA 2	225	
					Econolite	325	

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	
2	4364 1/2 to 4367 1/2	2000 gal 15% NE	4364 1/2 - 67"
2	4592 to 4594	1200 gal 15% NE	4592-94
2	4235 to 4239	1500 gal 15% NE	4235-39
2	4098 to 4103	1500 gal 15% NE	4098-4103

TUBING RECORD Size 2 3/8 Set At 4600 Packer At NA Liner Run Yes No

Date of First Production 12-10-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	18	NA	NA	NA	41

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
Production Interval: 4364 1/2 - 67 1/2
4592-4594
4235-4239
4098-4103

CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

ORIGINAL

15-193-20528-0000

RELEASED

APR 09 1992

FROM CONFIDENTIAL

DRILL-STEM TEST DATA

Company <u>Mid-Continent Resources</u>	Test No. <u>1</u>
Well Name & Number <u>Moorhous #8</u>	Zone Tested <u>Oread</u>
Company Address <u>P.O. Box 399 Garden City, Ks. 67846</u>	Date <u>11-12-90</u>
Company Rep. <u>Scott Corsair</u>	Tester <u>Kenneth Cheney</u>
Tractor <u>Murfin Drlg. Co.</u>	Elevation <u>3048 K.B.</u>
Location: Sec. <u>31</u> Twp. <u>10S</u> Rge. <u>31W</u> Co. <u>Thomas</u> State <u>Kan.</u>	Est. Feet of Pay _____

Recorder No. 13768 Type AK-1 Range 4200 PSI

Recorder Depth 3961 Clock # 25831

a) Initial Hydrostatic Mud 2004 PSI

b) First Initial Flow Pressure 21 PSI

c) First Final Flow Pressure 42 PSI

d) Initial Shut-in Pressure 1236 PSI

e) Second Initial Flow Pressure 100 PSI

f) Second Final Flow Pressure 158 PSI

g) Final Shut-in Pressure 1183 PSI

h) Final Hydrostatic Mud 1993 PSI

Temperature 104°

Mud Weight 8.8 Viscosity 44

Mud Loss 13.0 c.c.

Interval Tested 3957-3969

Anchor Length 12'

Top Packer Depth 3952

Bottom Packer Depth 3957

Total Depth 3969

Well Pipe Size 4 1/2 EX.H.

Collar Pipe I. D. Collars 2.25 Ft. Run 474

Recovery-Total Feet 324

Recorder No. 13769 Type AK-1 Range 4200 PSI

Recorder Depth 3964 Clock # 25825

Tool Open Before I.S.I. 30 Mins.

Initial Shut-in 45 Mins.

Flow Period 45 Mins.

Final Shut-in 45 Mins.

Top Choke Size 1" Hole Size 7 7/8"

Bottom Choke Size 3/4" Rubber Size 6 3/4"

Tool Open @ 2:40 P.M.

Blow Remarks Fair to good blow, 8" in bucket.

RECEIVED
 CONSERVATION DIVISION
 Wichita, Kansas
MAR 27 1991

covered 324 Feet Of Mdy Saltwater

covered _____ Feet Of _____

covered _____ Feet Of _____

covered _____ Feet Of _____

covered _____ Feet Of _____

covered _____ Feet Of _____

Equipment Bowen Jars & Safety Joint Price of Job _____

ORIGINAL CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

RELEASED

APR 09 1992

DRILL-STEM TEST DATA

FROM CONFIDENTIAL

Company <u>Mid-Continent Resources</u>	Test No. <u>2</u>
Name & Number <u>Moorhous #8</u>	Zone Tested <u>Marmaton</u>
Company Address <u>P.O. Box 399 Garden City, Ks. 67846</u>	Date <u>11-14-90</u>
Company Rep. <u>Scott Corsair</u>	Tester <u>Kenneth Cheney</u>
Factor <u>Murfin Drlg. Co.</u>	Elevation <u>3048 K.B.</u>
Location: Sec. <u>31</u> Twp. <u>10S</u> Rge. <u>31W</u> Co. <u>Thomas</u> State <u>Kan.</u>	Est. Feet of Pay _____

Recorder No. 13768 Type AK-1 Range 4200 PSI
 Recorder Depth 4362 Clock # 25831
 Initial Hydrostatic Mud 2119 PSI
 First Initial Flow Pressure 21 PSI
 First Final Flow Pressure 31 PSI
 Initial Shut-in Pressure 1162 PSI
 Second Initial Flow Pressure 74 PSI
 Second Final Flow Pressure 84 PSI
 Final Shut-in Pressure 1162 PSI
 Final Hydrostatic Mud 2109 PSI
 Temperature 114^o
 Fluid Weight 9.3 Viscosity 43
 Fluid Loss 9.1 c.c.
 Interval Tested 4359-4370
 Interval Length 11'
 Packer Depth 4354
 Bottom Packer Depth 4359
 Interval Depth 4370
 Pipe Size 4½ EX.H.
 Pipe I. D. Collars 2.25 Ft. Run 404

Recorder No. 13769 Type AK-1 Range 4200 PSI
 Recorder Depth 4365 Clock # 25825
 Tool Open Before I.S.I. 30 Mins.
 Initial Shut-in 30 Mins.
 Flow Period 30 Mins.
 Final Shut-in 45 Mins.
 Top Choke Size 1" Hole Size 7/8"
 Bottom Choke Size 3/4" Rubber Size 6 3/4"
 Tool Open @ 2:45 A.M.
 Blow Remarks Good to strong off bottom of bucket in 9 minutes on both openings.

RELEASED
 MAR 21 1991
 CONSERVATION DIVISION
 Wichita, Kansas

Interval - Total Feet 180' Fluid _____
 Recovered 120 Feet Of Clean oil (Gravity 41 @ 60°F)
 Recovered 60 Feet Of Froggie Oil
 Recovered 665 Feet Of Gas in pipe
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____
 Recovered _____ Feet Of _____

Equipment Bowen Jars & Safety Joint Price of Job _____

ORIGINAL CHENEY TESTING COMPANY, INC.

P. O. Box 367

HILL CITY, KANSAS 67642

RELEASED
APR 09 1992

FROM CONFIDENTIAL

DRILL-STEM TEST DATA

Company <u>Mid-Continent Resources</u>	Test No. <u>3</u>
Name & Number <u>Moorhous #8</u>	Zone Tested <u>Myrick Sand</u>
Company Address <u>P.O. Box 399 Garden City, Ks. 67846</u>	Date <u>11-14-90</u>
Company Rep. <u>Scott Corsair</u>	Tester <u>Kenneth Cheney</u>
Operator <u>Murfin Drlg. Co.</u>	Elevation <u>3048 K.B.</u>
Location: Sec. <u>31</u> Twp. <u>10S</u> Rge. <u>31W</u> Co. <u>Thomas</u> State <u>Kan.</u>	Est. Feet of Pay _____

Order No. <u>13768</u> Type <u>AK-1</u> Range <u>4200</u> PSI	Recorder No. <u>13769</u> Type <u>AK-1</u> Range <u>4200</u> PSI
Order Depth <u>4502</u> Clock # <u>25831</u>	Recorder Depth <u>4505</u> Clock # <u>25825</u>
Initial Hydrostatic Mud <u>2215</u> PSI	Tool Open Before I.S.I. <u>30</u> Mins.
First Initial Flow Pressure <u>31</u> PSI	Initial Shut-in <u>30</u> Mins.
First Final Flow Pressure <u>31</u> PSI	Flow Period <u>-</u> Mins.
Initial Shut-in Pressure <u>211</u> PSI	Final Shut-in <u>-</u> Mins.
Second Initial Flow Pressure <u>-</u> PSI	Top Choke Size <u>1"</u> Hole Size <u>7 7/8"</u>
Second Final Flow Pressure <u>-</u> PSI	Bottom Choke Size <u>3/4"</u> Rubber Size <u>6 3/4"</u>
Final Shut-in Pressure <u>-</u> PSI	Tool Open @ <u>11:50 P.M.</u>
Final Hydrostatic Mud <u>2162</u> PSI	Blow Remarks <u>1st open; Weak for 30 minutes.</u>
Temperature <u>115°</u>	<u>2nd open; No blow.</u>
Fluid Weight <u>9.3</u> Viscosity <u>43</u>	
Fluid Loss <u>9.1 c.c.</u>	
Interval Tested <u>4482-4510</u>	
Interval Length <u>28'</u>	
Packer Depth <u>4477</u>	
Bottom Packer Depth <u>4482</u>	
Interval Depth <u>4510</u>	
Pipe Size <u>4 1/2 EX.H.</u>	
Pipe I. D. Collars <u>2.25 Ft. Run</u> <u>404</u>	
Interval - Total Feet <u>10</u>	

RECEIVED
STATE OF KANSAS
MAR 21 1991
LUNSFORD DIVISION
Wichita, Kansas

Interval covered 10 Feet Of Mud w/few spots of oil

Interval covered _____ Feet Of _____

Interval covered _____ Feet Of _____

Interval covered _____ Feet Of _____

Interval covered _____ Feet Of _____

Interval covered _____ Feet Of _____

Equipment Bowen Jars & Safety joint Price of Job _____

ORIGINAL

RELEASED

APR 09 1992

TICKET

NO. 028470-2

FROM CONFIDENTIAL

PAGE 1 OF 2 PAGES



A Division of Halliburton Company

2326 MOBMA FC. FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME #18 Moorhous		COUNTY Thomas	STATE Ks	CITY / OFFSHORE LOCATION	DATE 11-16-90
CHARGE TO MJO Contract 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 PO Box 399		CONTRACTOR Murfin Dily Co	1 LOCATION New City, Ks		CODE 25553
CITY, STATE, ZIP Garden City, Ks		SHIPPED VIA New City	2 LOCATION Obol		CODE 25529
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. B- 822345	DELIVERED TO N of Oakley, Ks	3 LOCATION	CODE
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, 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 3580	3	mi			235	705
000-116		1		Mileage SurchARGE	3	mi			40	120
007-013	001-016	1		Pump Service	4715	ft			1265	1260.00
007-161		1		Additional Stage	1	ea			950	950.00
36	8471316	1		Insert Flare shoe	1	ea	4 1/2 in		2100	2100.00
27	815-1112	1		Fill up Assy	1	ea	4 1/2 in		275	275.00
40	80793001	1		Controllicers	10	ea	4 1/2 in		410	410.00
71	815 20100	1		Multiple Stage Control	1	ea	4 1/2 in		2350	2350.00
75	812-0112	1		Free Fall Plug Set	1	ea	4 1/2 in		330	330.00
320	60016681	1		Cnt Basket	2	ea	4 1/2 in		850	1700.00
213 007		1		M.L. plug	1000	yd			15	4500.00
011-211		1		Rotating Head	1	ea	4 1/2 in		1550	1550.00

RECEIVED STATE CORPORATION COMMISSION

MAR 29 1992

CONSERVATION DIVISION Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 822345

581163

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.

X DEAN J. JES
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 X Dean J. JES
 CUSTOMER OR HIS AGENT (SIGNATURE)

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

SUB TOTAL 12138 38
 APPLICABLE TAXES WILL BE ADDED ON INVOICE.

ORIGINAL

RELEASED
APR 09 1992
FROM CONFIDENTIAL



BULK MATERIALS DELIVERY
AND
TICKET CONTINUATION

FOR INVOICE AND
TICKET NO.

DATE 11/16/91	CUSTOMER ORDER NO.	WELL NO. AND FARM W. 1/4 Sec #8	COUNTY Thomas	STATE Ks
CHARGE TO M. C. ...	OWNER M. C. ...	CONTRACTOR M. C. ...	No. B822345	
MAILING ADDRESS	DELIVERED FROM W. 1/4 Sec #8	LOCATION CODE 2-2-21	PREPARED BY [Signature]	
CITY & STATE	DELIVERED TO W. 1/4 Sec #8	TRUCK NO. 179-2746	RECEIVED BY [Signature]	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
				QTY.	MEAS.	QTY.	MEAS.		
54-201		28	3/4 Cement	27	sk			54	1,226.25
57-127		28	Col. Seal	11	sk			19.20	216.70
57-912		28	Cell Cement	1755	lb.			10	175.50
57-112		28	CE-3	106	lb.			3.90	413.40
57-291		28	Cell Seal	175	lb.			3.30	577.50
57-334		28	Col. In. Seal (Control)	2	sk			13.75	27.50
57-438		28	3/4 Cement	211	sk			5.40	1149.60
57-105		28	Cell Seal	114	sk			2.00	227.32
57-131		28	Cell Seal	6	sk				N/C
57-171		28	Cell Seal	29	sk			12.75	370.25
57-275		28	Cell Seal	363	lb.			1.40	508.20
57-210		28	Cell Seal	216	lb.			1.20	259.20

STATE OF KANSAS
DEPARTMENT OF REVENUE
MAR 29 1992
CONSERVATION DIVISION
Wichita, Kansas

Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET	
57-257	28	SERVICE CHARGE		16.30	112
57-306		Mileage Charge	596.32	CU. FEET	50.00
57-307		TOTAL WEIGHT	2	TON MILES	596.00
No. B 822345	CARRY FORWARD TO INVOICE			SUB TOTAL	5811.63

ORIGINAL

RELEASED
APR 09 1992



WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH INVOICE & TICKET NO. 028470
FROM DATE 11-16-90

DISTRICT Hays, ks

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

WELL NO. # 8 LEASE Moorhous SEC. 31 TWP. 10 RANGE 31

FIELD _____ COUNTY Thomas 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	10 1/2	4 1/2	KB	4711	
LINER							
TUBING							
OPEN HOLE				7 7/8	4711	4715	SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Two-stage Long string - Bottom -> 500gal Mud fluid 225 sks EA-2
Top Stage = 500gal Mud fluid 325 sks complete w/ 3/4" Fluorokap 5

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

MAR 21 1991

CONSERVATION DIVISION
Wichita, Kansas

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

SIGNED Dean Dues 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.

ORIGINAL

RELEASE

APR 09 1992

CONFIDENTIAL



JOB SUMMARY

HALLIBURTON DIVISION Oklahoma City, Ok
HALLIBURTON LOCATION New City, Ks

BILLED ON TICKET NO. 28770 FROM

WELL DATA

FIELD _____ SEC 31 TWP 10 RNG 31 COUNTY Thomas 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 3V SET AT 2510ft
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH 4115

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
FLOAT COLLAR		
FLOAT SHOE	1	Hercules
GUIDE SHOE		
CENTRALIZERS 5-4	10	Hercules
BOTTOM PLUG		
TOP PLUG		
HEAD R-1	1	Hercules
PACKER DV	1	Hercules
OTHER Cat Rock		

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11/11/90	DATE 11/11/90	DATE 11/11/90	DATE 11/11/90
TIME 15:00	TIME 18:30	TIME 21:00	TIME

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Tuck	4072	New City, Ks
D. Lennan	Pickup	New City, Ks
E. Davis	3880 Comb	New City, Ks
E. Roubillat	4117 B-4	Oberlin, Ks
	3816 B-4	Oberlin, Ks

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 Two-stage - long string
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X Dean Jones
HALLIBURTON OPERATOR T. Tuck COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK	MIXED LBS/GAL
1	225	EA-2	P-1	B	500g 1000g 1000g 750g 1000g	1.36	15.5
	325	Comb. 1.5	F-1	B	4.4 Fibers	3.18	11.0

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 37 REASON shoe pl.

VOLUMES
PRESLUSH: BBL-GAL 500g 1000g 1000g 750g 1000g
LOAD & BKON: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL 8.11 T.F. DISPL: BBL-GAL 74.5
CEMENT SLURRY: (BBL-GAL) 575, 181
TOTAL VOLUME: BBL-GAL _____
REMARKS Top 40.51 75.661

CUSTOMER MTD Contract # 11-16-90
WELL NO. F-8
JOB TYPE Two-Stage Long String

ORIGINAL

RELEASED

APR 09 1992

HALLIBURTON SERVICES
JOB LOG

WELL NO. H 8 LEASE M... TICKET NO. 0254
CUSTOMER MTD Contract Resources PAGE NO. 1
JOB TYPE Two-stage log st DATE 3-16-90

FROM CONFIDENTIAL

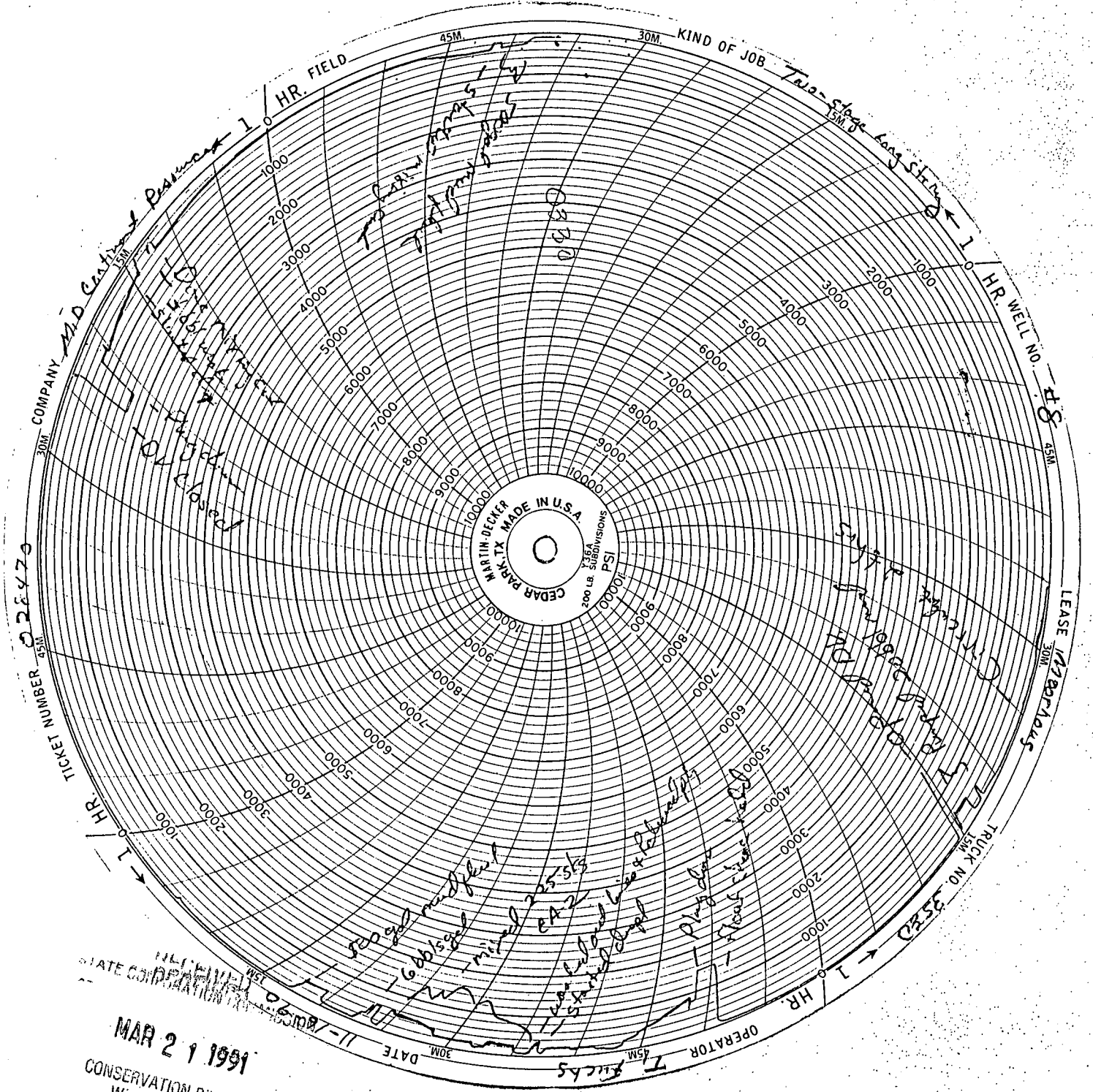
FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	15:30							Called out
	18:30							On location
	21:10							Rig buying down drill pipe Starting & Flt 1 pump Insert float shoe, B flt on top of 1" Joint Centralizer on 1, 5, 6, 9, 11, 13, 15, 18, 53, 60 Correct B. shot on 14", 51 ft DV Tool on top of 54" at 2540 ft Csg on bottom, Dropped ball & had plug Started circulating - started circulating Done circ.
	23:30							
	00:15							
	00:47	4	12				250	Pumped 500 gal Mud flush
	00:10	3	6				200	Mixed 2 sk gal
	00:23	6	54 1/2				250	Mixed 225 sk EA-2 w/ gelant.
	00:50						0	Done mixing cut
	00:31							washed out lower of dropped plug
	00:35							Started displ 3500 lbs 1000 lbs
	00:47	6 1/2	75				700	Done w/ displ
	00:41						1350	Loaded plug at 1200 PSI
	00:50						0	Released pressure - float ball
	00:55							Dropped bomb
	01:15						1600	Opened DV. & circ. back
	03:30							Done circ.
	03:41	4	12					Run 500 gal Mud flush
	03:10							Started mixing cut 325 sks complete
	04:13	5 1/2	184					Done mixing cut
	04:14							Pumped to 1800 psi, Released plug
	04:15							Started displ.
	04:21						600	Done w/ displ.
	04:22						1600	Loaded plug at 1600 PSI
	04:22						0	Released pressure - D.V. Closed
	04:22							Cnt. disp. circ. 75 sks.
	05:10							Job complete Thank you Seal
								Trifuchs = 61475 E R. Old = 47558 D. L. L. = 7118 B. L. L. = 80922

RELEASED
CONFIDENTIAL
COMMERCIAL
MAR 21 1991
CONSERVATION DIVISION
Oklahoma, Kansas

ORIGINAL

RELEASED
APR 09 1992
FROM CONFIDENTIAL



MAR 21 1991
CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL
Allied Cementing Co., Inc.

RELEASED
APR 09 1992
FROM CONFIDENTIAL

TEMPERATURE SURVEYS

Send the following information with temperature survey charts:

Date 4-18-91 Place Bozine - 4 S. - 1 W. - 1/2 S.

Company Name Mid Continent Resources Inc.

Mailing Address Box 399 City Garden City State KANSAS 67846

Owner of Well Same Contractor Plains Well Service

Farm Borger Well No. 2 County Ness Sec. 25 Twp. 19 Rge. 22

Depth of Well ? Depth of Casing ? New or Used _____ Size 4 1/2 Size of Hole 7 3/8
Weight _____ Amount of Cement ?

Kind of Cement _____

Survey from Ground Level To 1400'

DETAILS

