

ORIGINAL

Operator: License # 8996  
Name: Mid-Continent Resources, Inc.  
Address P. O. Box 399  
City/State/Zip Garden City, KS 67846

2310 Feet from (S)N (circle one) Line of Section  
2310 Feet from (E)W (circle one) Line of Section

Purchaser:  
Operator Contact Person: Scott Corsair  
Phone (913) - 398-2270

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Contractor: Name: Emphasis Oil Operations  
License: 8241  
Wellsite Geologist: Scott Corsair

Lease Name Lamer "OWWO" Well # 2-9  
Field Name Wildcat  
Producing Formation None

Designate Type of Completion  
     New Well   X   Re-Entry      Workover  
     Oil      SWD      SLOW      Temp. Abd.  
     Gas      ENHR      SIGV  
  X   Dry      Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground 2306' KB 2311'  
Total Depth 4345' PBD 4287

If Workover/Re-Entry: old well info as follows:  
Operator: Welch and Olsson  
Well Name: Elmore No. 1  
Comp. Date 8-31-56 Old Total Depth 4307  
     Deepening      Re-perf.      Conv. to Inj/SWD  
     Plug Back      PBD  
     Commingled      Docket No.       
     Dual Completion      Docket No.       
     Other (SWD or Inj?) Docket No.       
10/1/93 10/5/93 1-14-94  
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 200' / Prev. Set Feet  
Multiple Stage Cementing Collar Used? N.A. Yes      No       
If yes, show depth set      Feet

If Alternate II completion, cement circulated from 4340'  
feet depth to 3295' w/ 175 ex cat.

Drilling Fluid Management Plan D & A JH 4-20-94  
(Data must be collected from the Reserve Pit)

Chloride content 35,000 ppm Fluid volume 250 bbls  
Dewatering method used     

Location of fluid disposal if hauled offsite:     

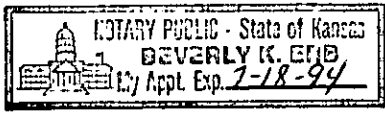
Operator Name       
Lease Name      License No.       
     Quarter Sec.      Twp.      S Rng.      E/W  
County      Docket No.     

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 Scott Corsair  
Title Geologist Date 1-21-94  
Subscribed and sworn to before me this 21st day of January 19 94.  
Notary Public Beverly K. Erb  
Date Commission Expires 7-18-94

K.C.C. OFFICE USE ONLY  
F      Letter of Confidentiality Attached  
C   X   Wireline Log Received  
C      Geologist Report Received  
Distribution  
  X   KCC      SWD/Rep  
     KGS      Plug  
RECEIVED  
STATE CORPORATION COMMISSION  
(Specify)  
JAN 24 1994



Form ACO-1 (7-91) 01-24-1994  
CONSERVATION DIVISION  
Wichita, Kansas

Operator Name Mid-Continent Resources, Inc. Lease Name Lamer "OWWO" Well # 2-9

Sec. 9 Twp. 16S Rge. 21  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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1624	+686
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3693	-1383
List All E.Logs Run:		Lansing	3737	-1427
Dual Induction Laterolog		Base/ KC	4016	-1706
Spectral Density Dual Spaced Neutron		Pawnee	4084	-1774
II, Acoustic Bond Log		Labette	4149	-1839
		ft. Scott	4173	-1863
		Cherokee	4180	-1860
		Mississippian	4280	-1970

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"		199.99'	Prev. Set		
Production	7 7/8"	4.5"	10.5	4340'	EA-2	125 <del>125</del>	KEE 97
2025' of casing recovered during plugging							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4200-4203'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	N.A.			

Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
N.A.	

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	None				

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



CHARGE TO: *Alfred Centeno*

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET No. 56800

RECEIVED SURVEY DIVISION COMPASSION STATE

JAN 24 1998

CONSERVATION DIVISION Wichita, Kansas

FORM 1906 R-12

SERVICE LOCATIONS 1. <i>Mc City, P. 2000</i>	WELL/PROJECT NO. <i>29</i>	LEASE <i>Lease</i>	COUNTY/PARISH <i>No.</i>	STATE <i>K.</i>	CITY/OFFSHORE LOCATION	DATE <i>10/4/97</i>
2. <i>Mc City, P. 2000</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>5 110</i>	RIG NAME/NO. <i>Emerson Dig</i>	SHIPPED VIA	DELIVERED TO <i>Local</i>
3.	WELL TYPE	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>035</i>	WELL PERMIT NO.	WELL LOCATION	ORDER NO.
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS				

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M	
000-117		1				MILEAGE	25	hr	2	12	63
001-016		1				Plug Service	434	hr	1	1.54	1,540
030-016		1				5' 1/2" Plug	1	hr	47	1.0	45
17A	878 201	1				Grade S	1	hr	47	1.5	95
24A	815 19101	1				Insert 1/2" Valve	1	hr	47	1.7	123
27	815 19101	1				A.T. S. 1/2"	1	hr	1	1.2	45
40	807 9204	1				5-4 (C. 1/2")	1	hr	47	1.0	47
50	807 93504	1				Fl. 1/2" (C. 1/2")	4	hr	47	1.1	233
320	800 2 1	1				C. 1/2" 1/2"	2	hr	47	1.1	210
01-11		1				S. 1/2" 1/2"	10	hr	10	1.1	1,100
01-12		1				C. 1/2" 1/2"	2	hr	24	1.0	48

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *X Scott L. Luch*

DATE SIGNED: *1/19/98* TIME SIGNED: *2:10*  A.M.  P.M.

do  do not require (PC (Instrument Protection)).  Not offered

SUB SURFACE SAFETY VALVE WAS:  PULLED & RETURN  PULLED  RUN

TYPE LOCK	DEPTH	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
BEAN SIZE	SPACERS		OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
TYPE OF EQUALIZING SUB.	CASING PRESSURE	WE UNDERSTOOD AND MET YOUR NEEDS?				FROM CONTINUATION PAGE(S) <i>2602</i>
TUBING SIZE	TUBING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
TREE CONNECTION	TYPE VALVE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
		ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
		<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<i>X Scott L. Luch</i>	<i>Wayne B. T. ...</i>	<i>180119</i>	<i>Scott L. Luch</i>

*2570 C. L. D. M.*



WELL DATA

FIELD \_\_\_\_\_ SEC \_\_\_\_\_ TWP \_\_\_\_\_ RNG \_\_\_\_\_ COUNTY *Mc* STATE *P.*

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 *4345*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<i>N</i>	<i>10.5</i>	<i>4 1/2</i>	<i>KB</i>	<i>4340</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>J.A.T. 4 1/2"</i>	<i>1</i>	<i>MPM/JCS</i>
FLOAT SHOE		
GUIDE SHOE <i>R...</i>	<i>1</i>	<i>"</i>
CENTRALIZERS <i>S...</i>		<i>"</i>
BOTTOM PLUG		
TOP PLUG <i>S...</i>	<i>1</i>	<i>"</i>
HEAD <i>R...</i>	<i>1</i>	<i>"</i>
PACKER		
OTHER <i>A...</i>		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>10/4/93</i>	DATE <i>10/4/93</i>	DATE <i>10/4/93</i>	DATE <i>10/5/93</i>
TIME <i>12:00</i>	TIME <i>2:00</i>	TIME <i>2:00</i>	TIME <i>03:00</i>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<i>P. Taylor</i>	<i>2573</i>	<i>Mc...</i>
<i>R. C...</i>		
<i>M. K...</i>	<i>2102</i>	<i>Hay...</i>

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 *C.L.*

DESCRIPTION OF JOB *Cmt 4 1/2" Long String*

JOB DONE THRU: TUBING  CASING  ANNULUS  TBG/ANN.

CUSTOMER REPRESENTATIVE *X Scott Carson*

HALLIBURTON OPERATOR *Ray B. Taylor* COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>125</i>	<i>EAD</i>		<i>B</i>	<i>S... 1% lb, 4% ...</i>	<i>1.36</i>	<i>15</i>
	<i>50</i>	<i>Standard</i>		<i>B</i>	<i>...</i>	<i>1.1</i>	<i>1.5</i>

PRESSURES IN PSI \_\_\_\_\_ SUMMARY \_\_\_\_\_ VOLUMES \_\_\_\_\_

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRES LUSH (BBL)-GAL. *30* TYPE *S...*

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. (BBL)-GAL. *68.5*

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: (BBL)-GAL. *40.7*

HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ RAMARKS

AVERAGE RATES IN BPM \_\_\_\_\_ *See Chart & Job Log*

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET *30* REASON *Shut In*





HALLIBURTON

HALLIBURTON ENERGY SERVICES

FORM 1906 R-13

ADDRESS: *Abil Center Resources*

CITY, STATE, ZIP CODE:

No.

66300

PAGE

RECEIVED  
OPERATION COMMISSION  
JAN 27 1998  
CONSERVATION DIVISION  
Wichita, Kansas

SERVICE LOCATIONS 1. <i>110 1st 25553</i>	WELL/PROJECT NO. <i>2-9</i>	LEASE <i>Lamb</i>	COUNTY/PARISH <i>Nich</i>	STATE <i>Pa.</i>	CITY/OFFSHORE LOCATION	DATE <i>1-14-94</i>	
2. <i>Hay 2 25535</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Co. 7</i>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO <i>Location</i>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY <i>03</i>	JOB PURPOSE <i>115</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT.	DF							
<i>100-117</i>	ORIGINAL	<i>1</i>			MILEAGE	<i>10</i>	<i>mi</i>			<i>2.33</i>	<i>165</i>
<i>270-910</i>		<i>1</i>			Pump Service	<i>2</i>	<i>hr</i>			<i>395</i>	<i>395</i>
<i>510-333</i>		<i>1</i>			Tree Serv	<i>4</i>	<i>hr</i>			<i>9</i>	<i>37</i>
<i>504-308</i>		<i>1</i>			Standard Cdr	<i>4</i>	<i>hr</i>			<i>12</i>	<i>50</i>

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CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: *X [Signature]*

DATE SIGNED: *[Signature]* TIME SIGNED:  A.M.  P.M.

do  do not require IPC (Instrument Protection).  Not offered

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	<i>247</i>
TYPE LOCK DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S)	<i>1798</i>
BEAN SIZE SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
TYPE OF EQUALIZING SUB. CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE TUBING PRESSURE WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
TREE CONNECTION TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<i>2445</i>
	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): *DEAN [Signature]*

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *X [Signature]*

HALLIBURTON OPERATOR/ENGINEER: *[Signature]* EMP #: *20119*

HALLIBURTON APPROVAL: *[Signature]*



HALLIBURTON ENERGY SERVICES

FORM 1911 R-9

TICKET CONTINUATION <sup>TRK 4604 8206</sup>

COPY

TICKET No. 663306

CUSTOMER: **MidContinent Resources** WELL: **Lamer #2-9** DATE: **1-14-94**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-136		2		B	40/60 Pozmix Standard	180				5	
506-121		2		B	3sk Halliburton Gel @2%						n/c
507-277		2		B	HLLIBURTON Gel@4%	6				15 50	93.00
509-554		2		B	Halliburton Gel in bulk	10				15 50	155.00
500-207		2		B	SERVICE CHARGE						
						CUBIC FEET		212		1 35	286.20
500-306		2		B	MILEAGE CHARGE	TOTAL WEIGHT		16,948	LOADED MILES	30	
						TON MILES		254.220		95	241.51

ORIGINAL

OFFICE MED  
STATE CORPORATION COMMISSION  
JAN 24 1994  
CONSERVATION DIVISION  
Wichita, Kansas

CONTINUATION TOTAL 1,798.11



JOB LOG FORM 2013 R-4

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Mud & Chemical Resources		2-9		1		Plug To Abandon		663306	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0900								Called out
	0930								QIV Loc. Set up 1000'
	10:00								Start Pulling 4 1/2" Csg. out of hole 2000'
	10:35								Csg. C 1500'
			15						Mix 50% 40/100 Poz 6% Gel
			19.5						Dis. with 12 1/2" Gelled water 7.5 1/2" H <sub>2</sub> O
	10:45								Plug down pull Csg. to 1000'
	11:15		24						Mix 80% Cx G 1000'
			9						Dis. 5 1/2" Gel 1 1/2" H <sub>2</sub> O
	11:30								Pull Csg. to 230'
	12:05		12						Mix 40% Cx G 230'
	12:15								Cwd. C. Recirculated to surface
									Pull Csg. out of hole
	12:55		3						Top off 8 1/2" Csg. with 10 1/2" cut
									work & Readup 1000'
	13:15								Job complete

Handwritten note: 1/14/94 Page 1

RECEIVED  
 STATE COMMISSION  
 R. Legler B0719  
 W. Wilson B0777  
 M. Raulin G 1511  
 P.T. SIMS  
 JAN 24 1994  
 BULK 4009 101.5'206  
 CONSERVATION DIVISION  
 Wichita, Kansas



JOB SUMMAR

HALLIBURTON DIVISION Mid Continent Area  
HALLIBURTON LOCATION Wess City, Mo.

BILLED ON TICKET NO. 663306

WELL DATA

FIELD \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RNG. \_\_\_\_\_ COUNTY Wes. STATE Mo.

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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			4 1/2			
LINER						
TUBING						
OPEN HOLE						BHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-14-94</u>	DATE <u>1-14-94</u>	DATE <u>1-14-94</u>	DATE <u>1-14-94</u>
TIME <u>12:00</u>	TIME <u>09:30</u>	TIME <u>10:30</u>	TIME <u>13:45</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>R. Kogler</u>	<u>PU 4222</u>	<u>Wess City, Mo.</u>
<u>W. Wilson</u>	<u>Com 51145</u>	<u>"</u>
<u>W. Kaska</u>	<u>Bulk 4104 / 8206</u>	<u>Wess City, Mo.</u>

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. \_\_\_\_\_  
 PERFFAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

DEPARTMENT Prod.  
 DESCRIPTION OF JOB Plug to Abandon  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE X. Dean Jones  
 HALLIBURTON OPERATOR Roy B. Kogler COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>150</u>	<u>40/60 P32</u>		<u>P</u>	<u>64.66</u>	<u>1.67</u>	<u>12.88</u>
	<u>10</u>	<u>Bentonite</u>		<u>B</u>			

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRES LUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY (BBL.-GAL.) 53.5  
 HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_  
 ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_  
 AVERAGE RATES IN BPM \_\_\_\_\_  
 TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_  
 CEMENT LEFT IN PIPE \_\_\_\_\_  
 FEET \_\_\_\_\_ REASON \_\_\_\_\_

REMARKS

See Chart & Job Log  
Thru Log  
Paper

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CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER Wess City, Mo.  
LEASE 1 MONTH  
WELL NO. 271  
JOB TYPE 1 1/2" - 11 3/4" - 11 3/4" - 11 3/4"  
DATE 1-14-94



# ACOUSTIC CEMENT BOND LOG

BOND LOG

COMP. MID-CONTINENT RESOURCES	WELL LAMAR 2-9 OKMO	FIELD WILDCAT	COUNTY NESS	ST. KANSAS	COMPANY MID-CONTINENT RESOURCES		
					WELL LAMAR 2-9 OKMO		
					FIELD WILDCAT		
					COUNTY NESS	STATE KANSAS	
					API NO. 15-135-010115-01,015	OTHER SERVICES	
					LOCATION NW-NW-SE	PERF	
					RECEIVED STATE CORPORATION COMMISSION		
					JAN 12 1994		
					SEC. 09	TWP. 16S	R. 21E
					PERMANENT DATUM GROUND LEVEL	ELEV. 2305	ELEV.: K.B. 2310
					LOG MEASURED FROM KELLY BUSHING 5	FT. ABOVE PERM. DATUM	D.F. N/A
					DRILLING MEASURED FROM KELLY BUSHING		G.L. 2305
DATE & TIME LOGGED	09/14/93	TYPE OF FLUID IN HOLE		WATER			
RUN NO.	ONE	DENSITY OF FLUID		NA			
DEPTH - DRILLER	N/A	FLUID LEVEL		FULL			
DEPTH - LOGGER	427	CEMENT TOP EST. - LOGGED		3500	3600		
BTH. LOGGED INTERVAL	4375	EQUIPMENT : LOCATION		51540	GT. BEND		
TOP LOGGED INTERVAL	3400	RECORDED BY		BOB ROWE			
MAX TEMP. DEGREE	110	WITNESSED BY		MR. CORSAIR			
CEMENTING DATA	SURFACE STRING	PROTECTION STRING	PRODUCTION STRING	LINER			
DATE/TIME CEMENTED							
PRIMARY/SQUEEZE			PRIMARY				
EXPECTED							
COMP. STRENGTH							
CEMENT VOLUME			125SKS EA-2				
CEMENT TYPE/WEIGHT							
FORMULATION							
MUD TYPE/MUD WEIGHT							
RUN NO.	BOREHOLE RECORD			CASING AND TUBING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
ONE	12.25	SURFACE	200	8.625	24	SURFACE	200
TWO	7.875	200	4345	4.5	10.0	SURFACE	NA



# DUAL INDUCTION LATEROLOG

COMPANY MID CONTINENT RESOU WELL LAMER 2-9 OWMO FIELD WILDCAT COUNTY NESS STATE KS	COMPANY MID CONTINENT RESOURCES, INC.		
	WELL LAMER 2-9 OWMO		
	FIELD WILDCAT		
	COUNTY NESS	STATE KS	
	API NO 15-135-010115 01,015 LOCATION NW NW SE	OTHER SERVICES DIL SDL/DSN CORAL	
SECT 9	TWP 16S	RGE 21W	
PERMANENT DATUM G.L.	ELEV. 2305	ELEV.: K.B. 2310	
LOG MEASURED FROM K.B. 5	FT. ABOVE PERM DATUM	D.F. N.A.	
DRILLING MEASURED FROM K.B.		G.L. 2305	
DATE	10/4/93		
RUN NO.	ONE		
DEPTH-DRILLER	4345		
DEPTH-LOGGER	4345		
BTM. LOG INTER	4343		
TOP LOG INTER	200		
CASING DRILLER	8 5/8@200	e	e
CASING-LOGGER	202		
BIT SIZE	7 7/8		
TYPE FLUID IN HOLE	DRISPAK		
DENS. : VISC.	9.2 : 40	:	:
PH : FLUID LOSS	8.0 : 15.0	:	:
SOURCE OF SAMPLE	CIRCULATED		
RM e MEAS. TEMP.	0.65 e78	e	e
RMF e MEAS. TEMP.	0.42 e77	e	e
RMC e MEAS. TEMP.	0.73 e77	e	e
SOURCE RMF:RMC	MEAS.:MEAS.	:	:
RM eBHT	0.43 e121	e	e
TIME SINCE CIRC.	3 HOURS		
TIME ON BOTTOM	12:30 PM		
MAX. REC TEMP.	121 eT.D.	e	e
EQUIP.: LOCATION	51299:GT. B	:	:
RECORDED BY	BARB		
WITNESSED BY	MR. CORSAIR		

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Wichita Kansas



# SPECTRAL DENSITY DUAL SPACED NEUTRON II LOG

COMPANY MID CONTINENT RESOU  
 WELL LAMER 2-9 OWMO  
 FIELD WILDCAT  
 COUNTY NESS STATE KS

COMPANY MID CONTINENT RESOURCES, INC.  
 WELL LAMER 2-9 OWMO  
 FIELD WILDCAT  
 COUNTY NESS STATE KS  
 API NO 15-135-010115-01,015  
 LOCATION NW NW SE  
 OTHER SERVICES  
 DIL  
 SOL/DSN  
 CORAL

SECT 9 TWP 16S RGE 21W  
 PERMANENT DATUM G.L. ELEV. 2305  
 LOG MEASURED FROM K.B. 5 FT. ABOVE PERM DATUM  
 DRILLING MEASURED FROM K.B. ELEV.: K.B. 2310  
 DATE 10/4/93 D.F. N.A.  
 G.L. 2305

DATE	10/4/93			
RUN NO.	ONE			
DEPTH-DRILLER	4345			
DEPTH-LOGGER	4345			
BTM. LOG INTER	4310			
TOP LOG INTER	3700			
CASING DRILLER	8 5/8 @ 200	.	.	.
CASING-LOGGER	202			.
BIT SIZE	7 7/8			
TYPE FLUID IN HOLE	DRISPRC			
DENS. : VISC.	9.2 : 140	:	:	:
PH : FLUID LOSS	8.0 : 15.0	:	:	:
SOURCE OF SAMPLE	CIRCULATED			
RM @ MEAS. TEMP.	0.65 @ 78	.	.	.
RMF @ MEAS. TEMP.	0.42 @ 77	.	.	.
RMC @ MEAS. TEMP.	0.73 @ 77	.	.	.
SOURCE RMF:RMC	MEAS.:MEAS.	:	:	.
RM @ BHT	0.43 @ 121	.	.	.
TIME SINCE CIRC.	3 HOURS			
TIME ON BOTTOM	12:30 PM			
MAX. REC TEMP.	121 @ T.D.	.	.	.
EQUIP.: LOCATION	51299:GT. B	:	:	.
RECORDED BY	BARB			
WITNESSED BY	MR. CORSAIR			

**RECEIVED**  
 STATE COMMISSION  
 JAN 12 1994  
 DIVISION