

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

ORIGINAL

Operator: License # 8996

Name: Mid Continent Resources, Inc.

Address P.O. Box 399

Garden City, Ks 67846

City/State/Zip \_\_\_\_\_

Purchaser: Texaco

Operator Contact Person: Scott Corsair

Phone (913) 398-2270

Contractor: Name: Discovery Drilling

License: 31548

Wellsite Geologist: Scott Corsair

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9-26-95 10-2-95 10-2-95

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

API NO. 15- 135-23908-0000

County Ness

70' W SE - SW - NW Sec. 25 Twp. 19S Rge. 22 X E

2970 Feet from S/N (circle one) Line of Section

920 Feet from E/W (circle one) Line of Section

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

Lease Name Borger Well # 13

Field Name Schaben

Producing Formation Mississippian

Elevation: Ground 2269' KB 2277'

Total Depth 4393' PBTB NA

Amount of Surface Pipe Set and Cemented at 519.05 Feet

Multiple Stage Cementing Collar Used? X Yes  No

If yes, show depth set 1470 Feet

If Alternate II completion, cement circulated from 1470

feet depth to surface w/ 250 sx cmt.

Drilling Fluid Management Plan ALT II  
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

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, 130 S. Market - Room 2078, 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 confidentially 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 1-12-96

Subscribed and sworn to before me this 12th day of January, 19 96.

Notary Public Bernice Moore

Date Commission Expires 2/7/98

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

NOTARY PUBLIC - State of Kansas  
BERNICE MOORE  
My Appt. Exp. 2/7/98

Operator Name Mid Continent Resources, Inc. Lease Name Borger Well # 3  
 Sec. 25 Twp. 19S Rge. 22  East  West  
 County \_\_\_\_\_

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.)  
 List All E.Logs Run:

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Anhydrite	1501	+776
Heebner	3741	-1464
Lansing	3790	-1513
Pawnee	4186	-1909
Ft. Scott	4285	-2008
Cherokee	4308	-2031
Mississippian	4375	-2098

**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 Pipe	12 1/4	8 5/8	23	519.05	60/40 Poz	250	2% gel 3% cc
Production	7 7/8	5 1/2	14	4381	EA/2	125	

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface 1470	HLC	250	

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

**TUBING RECORD** Size 2 7/8 Set At 4350 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 1-1-1996 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		110		40

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled 4381-4391

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

Other (Specify) \_\_\_\_\_



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

mid continent Resources  
 ADDRESS  
 Box 399  
 CITY, STATE, ZIP CODE  
 Garden City, KS KANSAS 66506

No. 839975 - 4

PAGE 1 OF 2

1. SERVICE LOCATIONS Hays, KS 25525	WELL/PROJECT NO. #1	LEASE Burger	COUNTY/PARISH 1997 N 8510	STATE KS	CITY/OFFSHORE LOCATION	DATE 9-27-95	OWNER Same
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES	CONTRACTOR DISCOVERY D119	RIG NAME/NO. #1	SHIPPED VIA 1:2 CALKS	DELIVERED TO Loc. 541 Buz. in 2, KS	ORDER NO.	
3. <input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 010	WELL PERMIT NO. 15-135-239080000	WELL LOCATION 25-19° 22' W	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS cm 7 520' 85" 25" Surf P. P. w/ 250 stars w/ 600 P. 2 2 1/2 3 1/2						

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC.	ACCT.	DF		U/M	U/M		
200-117		1			MILEAGE # 53292	121	mi	2.75	302.50
001-016		1			Pump chg	520	\$	890.00	890.00
030-503		1			LA-11 top Plug	1 ea	25/m	7500	95.00
ORIGINAL									

**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.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

<input checked="" type="checkbox"/> Thomas Al DATE SIGNED 9-27-95 TIME SIGNED 0110 <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	<b>SURVEY</b> <input type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	PAGE TOTAL 1227.50
TYPE LOCK DEPTH BEAN SIZE SPACERS TYPE OF EQUALIZING SUB. CASING PRESSURE TUBING SIZE TUBING PRESSURE WELL DEPTH TREE CONNECTION TYPE VALVE	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	FROM CONTINUATION PAGE(S) 2914 26	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 4202.06

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

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) Thomas Al M	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Thomas Al M	HALLIBURTON OPERATOR/ENGINEER Ken Richman	EMP # 59934	HALLIBURTON APPROVAL
--	---	--	----------------	----------------------



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATIONWell Cont  
Hays KS

BILLED ON TICKET NO. 982972

## WELL DATA

FIELD \_\_\_\_\_ SEC. 25 TWP. 17<sup>S</sup> RNG. 22<sup>W</sup> COUNTY Mass 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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	1	25	8 5/8	28	517	
LINER						
TUBING						
OPEN HOLE				517	520	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-26-95</u>	DATE <u>7-27-95</u>	DATE <u>7-27-95</u>	DATE <u>7-27-95</u>
TIME <u>22:00</u>	TIME <u>00:30</u>	TIME <u>02:36</u>	TIME <u>04:00</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>1A-11</u>	<u>2</u>	<u>1</u>
HEAD		
PACKER		
OTHER		

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. Richardson #57734</u>	<u>40391</u>	<u>Hays KS</u>
<u>M. Corlin #5034</u>	<u>53572</u>	<u>"</u>
<u>C. Dawson #11659</u>	<u>51252-76103</u>	<u>"</u>

# ORIGINAL

### 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. \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cont

DESCRIPTION OF JOB cont 520' 2 1/2" surface pipe

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>250</u>	<u>4N/60</u>	<u>D-52</u>	<u>R</u>	<u>2 1/2" 2 1/2" 3 1/2"</u>	<u>1.3</u>	<u>132</u>

### PRESSURES IN PSI

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 20 REASON to drill

## SUMMARY

### VOLUMES

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL. BBL.-GAL. \_\_\_\_\_

CEMENT SLURRY: BBL.-GAL. 577

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

## REMARKS

[Signature]

### CUSTOMER

1997 JUL 18 1:26 PM

RECEIVED

TRANSAS ADDP COMM

**JOB LOG** HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
W. I. ...	?	Bureau	Surface	729975

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
9.06	0200							Called out, to cut 520' 2 3/4" surface <del>on</del> camp w/ 230 lbs 4 1/2" 2 1/2" gal 3 1/2" K
9.07	0230							on loc. Rig crew pulling DP Hole made @ 520'
	0310							ST. Cong 2 3/4" - 2 5/8" - 519'
	0330							cong. to TD, Hoop up to Rig pump + Establish circulation
	0345	✓						Work up to Rig pump 71K + 51. mix cont Pump had rock under valves. couldn't blow them out
	0305							cont mixed No. 1 Plug + St. Disch.
	0315							Plug displ to 500' <del>in 2000 2 1/2" pipe</del>
	0318							Shut in, wash + vent w/ 1K + Finish tickets
	0400							Job complete!

ORIGINAL

SURFACE

RECEIVED  
 KANSAS CORP COMM  
 1997 JUL 18 P 1 26



HALLIBURTON ENERGY SERVICES

HAL-1906-N

Mid Continent Resources  
 ADDRESS  
 Box 399  
 CITY, STATE, ZIP CODE  
 Garden City, KS 67846

TICKET No. 840056 - 8

PAGE 1 OF 2

1. SERVICE LOCATIONS Hays, KS 25525	WELL/PROJECT NO. 3	LEASE Barger	COUNTY/PARISH Ness	STATE KS	CITY/OFFSHORE LOCATION	DATE 10-2-95	OWNER Same
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Discovery Drig #1	RIG NAME/NO.	SHIPPED VIA COTRKS	DELIVERED TO Loc 5, Bazine, KS.	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS com + 53" Long string w/ 25 SKS HLC + 100 SKS 2 7/8 gal w/ 2 salt 1/2 cfr-3						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC.	ACCT	DF		QTY.	U/M				
000117		1			MILEAGE #53292	110	mi	Rt		275	302.50
001-016		1			Pump chg	4380	FT			1670.00	1670.00
012-315		1			mud flush	500	gal			1.65	325.00
20	855.137	1			Formation PK shoe	1	ea	5 1/2 in		2800.00	2700.00
73	813.0151	1			Part collar	1	ea	5 1/2 in		1350.00	1350.00
110	806.60022	1			Cent rollers	5	ea	5 1/2 in		60.00	300.00
594	801.03743	1			Latch down baffle	1	ea	5 1/2 in		114.00	114.00
593	801.03743	1			Latch down 3w Plug	1	ea	5 1/2 in		290.00	290.00
320	806.87430	1			Baskets	2	ea	5 1/2 in		104.00	228.00
82	855.02453	1			Halliburton	1	ea			60.00	60.00

ORIGINAL

**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.

SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		<b>SURVEY</b>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 7320.50
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) 1969.14	
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					SUB-TOTAL 9289.64
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
DATE SIGNED 10-2-95	TIME SIGNED 0915	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection) <input checked="" type="checkbox"/> Not offered		<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) Scott Corsair	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X Scott Corsair	HALLIBURTON OPERATOR/ENGINEER Kane Pachman	EMP # 59734	HALLIBURTON APPROVAL
--	---	---	----------------	----------------------

**WELL DATA**

FIELD \_\_\_\_\_ SEC. 23 TWP. 17 RNG. 20 COUNTY Alfalfa 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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	12	14	3 1/2	48	4390	
LINER						
TUBING						
OPEN HOLE			2 1/2	437	4393	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-2-85</u>	DATE <u>10-2</u>	DATE <u>10-2</u>	DATE <u>10-2</u>
TIME <u>12:00</u>	TIME <u>08:00</u>	TIME <u>08:25</u>	TIME <u>1:00</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>K. R. ...</u>	<u>H-1001</u>	<u>RD</u>
<u>E. Reynolds # 17558</u>	<u>53222</u>	<u>...</u>
<u>C. ... # 1659</u>	<u>3880</u>	<u>...</u>

**ORIGINAL**

DEPARTMENT \_\_\_\_\_  
 DESCRIPTION OF JOB ... 5 1/2" casing string  
Part ... 1970

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

CUSTOMER REPRESENTATIVE X / ...

HALLIBURTON OPERATOR ... COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>50</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>1.34</u>	<u>127</u>
	<u>100</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>1.34</u>	<u>142</u>

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

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 34 REASON ...

PRESLUSH: BBL.-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_  
 LOAD & BKDN: BBL.-GAL. \_\_\_\_\_ PAD: BBL.-GAL. \_\_\_\_\_  
 TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. \_\_\_\_\_  
 CEMENT SLURRY: BBL.-GAL. ...  
 TOTAL VOLUME: BBL.-GAL. \_\_\_\_\_

**REMARKS**

...

RECEIVED  
 1987 OCT 8 11:26  
 KANSAS CORP. COMM.

**CUSTOMER**

**JOB LOG** HAL-2013-C

CUSTOMER Mud Containment Res WELL NO. 3 LEASE Barger JOB TYPE Long string TICKET NO. 84056

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							Called out to cement 5 1/2" pack case w/ 25 str. H <sub>2</sub> O + 100 str. 40/60 #2 2 Bager cement 2 1/2" #3 500 gal mud flush ahead PKR shoe latch down half 10 y plug 5 cent #1 #2 #3 #4 basket #3 pin cent on #72 #78 port collar #73 (1470)' basket on pin of 73
	0600							arrive, rig laying down D.P. #04393
	0730							D.P. laged down rig up to run case
	0825							ST. casing, set up equip. hold safety meeting
	0947							Drop ball to knock out Auto Fill tube
	0950							Casing to TD hook up, set P.P. #
	1000							Establish circulation & knock out fill tube
	1010							Drop Ball 2 1/2" to set PKR shoe
	1027					1500		set PKR shoe @ 4380'
	1028	4				100		hook up to pump & 1K str. 500 gal mud flush
								Plug rat hole & mouse hole w/ 25 str. H <sub>2</sub> O
		6	8			150		str. down hole w/ 25 str. H <sub>2</sub> O 1/2" #2 400 str. 40/60 #2
			23					cm mixed, wash pump & line out
								sol plug & set displ. (could only get 4 bpm water out of tank)
	1115		107					ldg. plug @ 4375'
	1118							Rel. Press plug hold
	1120							wash # back up 7K
								finish paper work
	1200							Job complete

ORIGINAL

Long string

RECEIVED  
KANSAS SOBP COM  
1997 JUL 18 D  
126





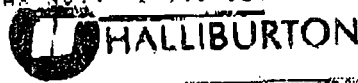




FROM: HES HAYS

FAX NO. 1 713 625 2534

03-12-98 05:44 P. 02



DATE	PAGE NO.
10-17-95	1
TICKET NO. 840038	

JOB LOG HAL-2017-C  
CUSTOMER

WELL NO. 3

LEASE

BOREFA

JOB TYPE

TOP OUTSIDE

MDS COST EST REVISIONS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							CRACKED OUT
	1345							ON LOCATION - DISCUSS JOB PROCEDURE
	1420		1	✓		1000		PSE TEST RBP - HELD 3270'
	1437	2	13	✓		200		SPOT 2 SKS SAJD
	1539		3	✓		1000		PULL TUBING AND FWD PORT COLLAR 1470'
	1545							PSE UP - LOAD HOLE
	1549	2	4	✓		400		OPEN PORT COLLAR
	1556	3 <sup>AVG</sup>	0	✓		1000 <sup>AVG</sup>		INJECTION RATE
	1623		74 1/2	✓				MAX CEMENT
	1624	2	5	✓		600		219 SKS PUMPED - CMT AT SURFACE - (15 SKS TO DET)
	1626							DISPLACE CEMENT
	1627				✓	1000		CLOSE PORT COLLAR
	1630					1000		PSE TEST - HELD
								RELEASE PSE
								RUN 4 JTS TUBING (WASH UP TRUCK)
	1651	2 1/2	15	✓		180		REVERSE CLEAN @ 1590'
								RUN TUBING LN TO CLEAN OUT SAJD
	1746	3	25	✓		400		REVERSE OUT SAJD
								BACK-UP
								DO TICKETS ORIGINAL
	1900							JOB COMPLETE
								THANK YOU
								WAYNE DAJE
								CRAIG
								PUMP TIME - 1 HOUR

**WELL DATA**

FIELD \_\_\_\_\_ SEC. 25 TWP. 19S RNG. 23W 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 \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<input checked="" type="checkbox"/>	14	5 1/2	0	3210	R&P
LINER						
TUBING			2 3/8	0	1470	PORT COLOR
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 10-17	DATE 10-17	DATE 10-17	DATE 10-17
TIME 1100	TIME 1345	TIME 1410	TIME 1900

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
W. WILSON	8917 39504 COMBO	11/15, KS
D. ALM	51609 53293 BOOK	"
C. DODSON	11659 51653-76103	"

**ORIGINAL**

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT PORT COLOR

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

CUSTOMER REPRESENTATIVE X SCOTT CORSE

HALLIBURTON OPERATOR Wayne W. COPIES REQUESTED 1

**CEMENT DATA**

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	MIXED LBS./GAL.
	250	MHC		B	1/4 H FLOCCULE P/SK	12.62

**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. 5.7

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN \_\_\_\_\_ 15-MIN \_\_\_\_\_ CEMENT SLURRY BBL.-GAL. 82.8

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

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

AVERAGE RATES IN BPM \_\_\_\_\_

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

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

FEET \_\_\_\_\_ REASON \_\_\_\_\_

**REMARKS**

SEE PHOTO - JOB LOG  
THANK YOU

**CUSTOMER**