

CONFIDENTIAL

SIDE ONE

ORIGINAL

FORM MUST BE TYPED

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

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: negotiating

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Harold Trapp

Designate Type of completion  
 New Well  Re-Entry  Workover

Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

3/25/95 3/28/95 5/12/95  
Spud Date Date Reached TD Completion Date

API NO. 15- 075-20562

County Hamilton

C - NE - - Sec. 32 Twp. 21S Rge 40  <sup>E</sup>W

3960 Feet from  <sup>N</sup> (circle one) Line of Section

1320 Feet from  <sup>E</sup>W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE,  <sup>E</sup>W, NW or SW (circle one)

Lease Name Newton Well # 1-32

Field Name Bradshaw

Producing Formation Chase

Elevation: Ground 3573 KB 3578

Total Depth 3000 PBDT 2932

Amount of Surface Pipe Set and Cemented at 331 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1453 Feet

If Alternate II completion, cement circulated from 1453

feet depth to surface w/ 285 sx cmt.

Drilling Fluid Management Plan ALT 2, JH 12-12-96  
(Data must be collected from the Reserve Pit)

Chloride content 8000 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. \_\_\_\_\_ Rge \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

RELEASED

DEC 18 1996

FROM CONFIDENTIAL

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 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 Larry M. Jack Date 7/07/95  
Title Larry M. Jack, Production Manager

Subscribed and sworn to before me this 07 day of July 1995.

Notary Public Kerran Redington  
Date Commission Expires 2/6/98  
KERRAN REDINGTON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 2-6-98

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Operator name Murfin Drilling Co., Inc.

Lease Name Newton Well # 1-32

Sec. 32 Twp. 21S Rge. 40  East  West

County Hamilton

**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.)  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run (Submit Copy.)  Yes  No  
 List all E.Logs Run: **CEMENT BOND  
 DUAL INDUCTION  
 COMPENSATED NEUTRON**  
 See attached.

Log Formation (Top), Depth and Datums  Sample  
 Name Top Datum  
 See attached.

CASING RECORD <u>  </u> New <u>  </u> 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"	24#	331	60/40 Poz	200	3% cc, 2% gel
Production	7 7/8	4 1/2	10.5#	2975	EA-2	125	10#/sx gilsonite 15% salt, .8% Halad 9

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose: Perforate Protect Csg Plug Back TD Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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	2771-74	500 gal. MCA, 17000 gal Gelled PAD & 29500#	2771-74
		12/20 Brady Sand	

TUBING RECORD			Size <u>2 3/8</u>	Set At <u>2842</u>	Packer At <u>  </u>	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>SIWOPL 7/07/95</u>			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other			
Estimated Production Per 24 Hours	Oil Bbls	Gas 160 Mcf	Water 180 Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)   

**METHOD OF COMPLETION**    Production Interval As above

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ORIGINAL

.C NE/4  
.1320' fNL 1320' FEL  
.Section 32-21S-40W  
.Hamilton County, KS  
Page 2

API#15-075-20562.0000

DST #1: 2772-2803 - WINFIELD  
30-45-60-120

IF: strong blow off the bottom of the bucket in 10 min.  
no blow back during initial shut-in

FF: strong blow off the bottom of the bucket in 10 min.  
good blow back during final shut in.

REC: 110' Gas Cut Drilling Mud  
490' Mud Cut Waer (20% M, 80% GW)  
All in the collars 2-1/3 BW - 1.5 BW/hr)

SIP: 500-506, FP: 67-126/222-256, BHT: 108°

RW: 26,000 ppm chl

PIT: 8,000 ppm chl.

Formation Water - 115,000 ppm

Ran 71 jts used (56 jts LT&C & 15 jts ST&C) 4-1/2", 10.5#, J-55, 8rd, rg 3 csg + 2978.58' w/shoe & port collar. Placed 15 jts ST&C on top of string. Tagged tm @ 2996'. Set csg @ 2975'. Shoe jt = 42.86' w/shoe. Insert @ 2932'. Port collar @ 1498'. Circ & rotated for 1/2 hr prior to cmtg. Cmtd btm stage w/500 gl Super Mud Flush, 125 SX EA-2 w/10# per/sk GA-2, 10# per/sk Gilsonite, 15% salt @ .8% Halad-9. Displ w/46.60 BFW @ 5 BPM w/300 psi. Reduced to bpm w/300 psi. Stopped rotation w/10 bbl displ remaining. Plug landed w/1100 psi @ 5:25 PM CT. Rlsd back & held. Had good circ throughout job & cellar remained full. Plugged rathole w/10 sx cement. Job Complete: 5:30 pm 3/29.

Baker Port Collar @ 1498'. Top of 35th jt.

Cmt baskets: 1543'; 2721'

Scratchers: 2743-2758'; 2768-2800'

Centralizers: 1456'; 1543'; 2552'; 2637'; 2721'; 2805'; 2889'; 2970'

FINAL REPORT

RELEASED

DEC 18 1996

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION

JUL 10 1995

CONSERVATION DIVISION  
WICHITA, KANSAS

# ALLIED CEMENTING CO., INC.

1027

BOX 31  
RUSSELL, KANSAS 67665  
15-075-20562-0000

**CONFIDENTIAL**

SERVICE POINT: Resolute

DATE <u>3-25-95</u>	SEC. <u>32</u>	TWP. <u>21</u>	RANGE <u>40</u>	CALLED OUT <u>2:00 P.M.</u>	ON LOCATION <u>5:00 P.M.</u>	JOB START <u>6:00 P.M.</u>	JOB FINISH <u>6:30 P.M.</u>
LEASE <u>Newton</u>	WELL# <u>1-32</u>	LOCATION <u>Julesburg 195-2E-45-16000</u>		COUNTY <u>Harold</u>	STATE <u>Ks</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR <u>Musfin</u>	OWNER <u>Midwest Energy</u>
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>331</u>
CASING SIZE <u>8 7/8" - 23"</u>	DEPTH <u>331</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERES. D.S. <u>20.22 BDI</u>	

**ORIGINAL**

AMOUNT ORDERED 20060/40 2-3

COMMON	<u>120</u>	@	<u>7.20</u>	<u>864.00</u>
POZMIX	<u>80</u>	@	<u>3.15</u>	<u>252.00</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
		@		
		@		
		@		
		@		
		@		

**EQUIPMENT**

PUMP TRUCK	CEMENTER	<u>Niko Mainer</u>
# <u>224</u>	HELPER	<u>Bob Norton</u>
BULK TRUCK		
# <u>116</u>	DRIVER	<u>Bill White</u>
BULK TRUCK		
#	DRIVER	

HANDLING	<u>200</u>	@	<u>1.05</u>	<u>210.00</u>
MILEAGE	<u>64</u>			<u>512.00</u>

TOTAL \$ 2034.50

**REMARKS:**

Ran 7 gal 8 7/8" - 23" casing broke line with line. Mixed 200 sils 6/14/95 2-3 displaced with 20.22 BDI fresh water cement did circulate  
Shank 1 pipe  
Allied Cementing  
Niko, Bob, Bill

**SERVICE**

DEPTH OF JOB	<u>331'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>445.00</u>
EXTRA FOOTAGE	<u>31</u>	@	<u>.41</u> <u>12.71</u>
MILEAGE	<u>64</u>	@	<u>2.35</u> <u>150.40</u>
PLUG	<u>TWP</u>	@	<u>45.00</u> <u>45.00</u>
		@	
		@	

**RELEASED**

TOTAL \$ 500.11  
653.11

CHARGE TO: Musfin Drilling Co Inc  
STREET 250 N. Water Suite 300  
CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT			
FROM CONFIDENTIAL			
	@		
	@		
	@		
	@		
	@		

RECEIVED  
STATE CORPORATION COMMISSION

JUL 1 1995 TAX

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL CHARGE	<u>\$ 2537.61</u>	
DISCOUNT	<u>537.52</u>	IF PAID IN 30 DAYS

Net \$ 2029.76

SIGNATURE Keith VanPelt

ORIGINAL

P.O. BOX 951046  
DALLAS, TX 75395-1046



INVOICE

CONFIDENTIAL ORIGINAL

INVOICE NO.	DATE
706954	03/29/1995

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
NEWTON 1-32	HAMILTON	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
LIBERAL	MURFIN DRILLING	CEMENT PRODUCTION CASING	03/29/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
614500	KEVIN AXELSON		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	88000

USED FOR 11 DIRECT CORRESPONDENCE TO:

MURFIN DRLG CO  
BOX 661  
COLBY, KS 67701

APPROVED ST KA

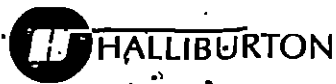
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
PRICING AREA - WESTERN					
000-117	MILEAGE CEMENTING ROUND TRIP	256 MI		2.75	704.00
		1 UNT			
001-016	CEMENTING CASING	2975 FT		1,885.00	1,885.00
		1 UNT			
030-016	CEMENTING PLUG 5W ALUM TOP	4 1/2 IN		45.00	45.00
		1 EA			
12A	GUIDE SHOE - 4 1/2" BRD THD.	1 EA		95.00	95.00
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" BRD	1 EA		73.00	73.00
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1 EA		45.00	45.00
815.19111					
40	CENTRALIZER 4-1/2 X 7-7/8	8 EA		50.00	400.00
806.60004					
320	CEMENT BASKET-4-1/2 X 7-7/8	2 EA		105.00	210.00
806.70020					
60	CLEANER-ROTO WALL-LOOPED CABLE	10 EA		30.00	300.00
807.00084					
019-241	CASING SWIVEL W/O WALL CLEANER	1 JOB		185.00	185.00
018-317	SUPER FLUSH	12 SK		100.00	1,200.00
504-043	CEMENT - PREMIUM	125 SK		10.61	1,326.25
509-968	SALT	945 LB		.15	141.75
507-665	HALAD-9	94 LB		8.85	831.90
508-127	CAL SEAL 60	12 SK		25.90	310.80
508-291	GILSONITE BULK	1250 LB		.40	500.00
500-207	BULK SERVICE CHARGE	180 CFT		1.35	243.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	494.65 MI		.95	469.92
INVOICE SUBTOTAL					8,965.62

RELEASED  
DEC 1 8 1996  
RECEIVED  
STATE CORPORATION COMMISSION  
JUL 10 1995  
CONSERVATION  
WICHITA, KANSAS

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

MID CONTINENT AREA  
LIBERAL KS

BILLED ON TICKET NO. 106954

WELL DATA  
FIELD \_\_\_\_\_ SEC. 32 TWP. 21S RING. 40W COUNTY. HAMILTON 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 \_\_\_\_\_  
PACKER TYPE \_\_\_\_\_  
BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	10.5	4 1/2	KB.	2975	
LINER	U	24	8 5/8	GL	331	
TUBING						
OPEN HOLE			7 7/8	331	2975	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**CONFIDENTIAL**

**ORIGINAL**

### JOB DATA

CALLS OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 3-29-95 TIME 1030	DATE 3-29-95 TIME 1315	DATE 3-29-95 TIME 1650	DATE 3-29-95 TIME 1730

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLYER COLLAR INSERT	1	
FLYER SHOE	1	
GUIDE SHOE	1	
CENTRALIZERS	8	
BOTTOM PLUG	2	
TOP PLUG	1	
HEAD	10	
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 \_\_\_\_\_

PERSONNEL AND SERVICE UNITS		
NAME	UNIT NO. & TYPE	LOCATION
T. BROADFOOT	38242	LIBERAL KS.
R. CRIST	52947	"
M. LONGWORTH	50404	HUGOTON KS.

DEPARTMENT CEMENT  
DESCRIPTION OF JOB CEMENT 4 1/2 LONG STRING  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X Kevin Wilson  
HALLIBURTON OPERATOR J. Broadfoot COPIES REQUESTED \_\_\_\_\_

CEMENT DATA							
STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SCK.	MIXED LBS./GAL.
1	125	PREM EA-2		B	10% CALSEAL - 1% GILSONITE - 5% SALT - 0.8% ...	1.61	13.4

**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 42.86 REASON 540E JT.

**SUMMARY**

PRESLUSH BBL-GAL. 12 TYPE Super 7LUSH  
LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_  
TREATMENT STATE \_\_\_\_\_ RECEIVED \_\_\_\_\_  
CEMENT SLURRY BBL-GAL. \_\_\_\_\_ DISPL. BBL-GAL. 46.6  
TOTAL VOLUME: BBL-GAL. \_\_\_\_\_  
REMARKS JUL 10 1995  
CONC. \_\_\_\_\_

CUSTOMER: MARELLI DRUGS  
LEASE: NEWTON  
WELL NO.: 1-32  
JOB TYPE: 4 1/2" FLYER COLLAR BUSH STRING  
DATE: 3-29-95



JOB LOG HAL-2013-C

CUSTOMER MURFIN DR LG.	WELL NO. 1-32	LEASE NEWTON	JOB TYPE 4 1/2 LONG STRING	TICKET NO. 706954
---------------------------	------------------	-----------------	-------------------------------	----------------------

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							CALLED OUT - READY 1100
	0615							CALLER BACK WAIT ON ORDERS ON LONG STRING OR P.T.A.
	1030							CONFIDENTIAL
	1315							CALLER BACK READY NOW ON LOCT. L.D.D.P.
	1450							START RUNNING CSG.
	1605							HOOK UP HEAD TO CIRCULATE CIRCULATION TO PIT-ROTATING-SAFETY MEET
	1617							HOOK UP TO CMT LINE
	1653	3	12			0	180	START SUPER FLUSH
	1657	0	0			0	0	SHUT DOWN HOOK UP CMT R.H.
	1658	3	3			0	0	CMT R.H. 3 BBL
	1659	0	0					SHUT DOWN HOOK UP TO CSG.
	1701	4.1	33				230	START CMT 13.6 #/GAL
	1709	0	0				230	SHUT DOWN WASH UP - DROP PLUG.
	1713	5.1	36				300	START DISPLACEMENT H <sub>2</sub> O
	1720	2	46.6				300	SLOW RATE - 46.6 TOTAL BBL
	1725	0	0				1400	PLUG LANDED - FLOAT HELD TO BOTTOM

THANKS FOR CALLING HALLIBURTON ENERGY SERVICES  
LIBERAL YKS.  
"HAVE A GOOD NIGHT"

BLOANFOOT - CRIST - LONGWORTH  
M.S.D.S SHEETS GIVEN TO CO MAN

RECEIVED STATE CORPORATION COMMISSION  
JUL 13 1995  
RELEASED DEC 18 1996  
FROM CONFIDENTIAL

Post-it Fax Note 7672

To **Jim Hemmen**  
 Company **KCC**  
 Location  
 Fax # **337 6211**  
 Comments

Telephone #

No. of Pages

Today's Date

Time

From

Company

Location

Fax #

Original Disposition:

Destroy

Return

Call for pickup

**ORIGINAL**

ORIGINAL

INVOICE



**HALLIBURTON**

DEWITT, TX  
 P.O. BOX 951046  
 DALLAS, TX 75395-1046

INVOICE NO. **839916** DATE **08/31/1995**

WELL/LEASE NO./PROJECT	WELL/PROJECT/LOCATION	STATE	OWNER
<b>IDEN NEWTON 1-32</b>	<b>HAMILTON</b>	<b>KS</b>	<b>SAHE</b>
CONTRACTOR	DATE		
<b>YS</b>	<b>COMPANY TOOLS</b>	<b>TOP OUTSIDE PRODUCTION CASING</b>	<b>08/31/1995</b>
CT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
<b>4500</b>	<b>PETE KUNEYL</b>		<b>COMPANY TRUCK</b>
			<b>95690</b>

DIRECT CORRESPONDENCE TO:

MURFIN DRILLING CO  
 2914 W. JONES AVENUE  
 GARDEN CITY, KS 67846

P.O. BOX 1598  
 LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
100-117	MILEAGE CEMENTING ROUND TRIP	264 MI	MI	2.75	726.00
		1	UNT		
109-134	CEMENT SQUEEZE	1453 FT	FT	1,255.00	1,255.00
009-019		1	UNT		
28-546	SQUEEZE MANIFOLD	1 DAY	DAY	270.00	N/C
		1	EA		
104-316	CEMENT - HALL. LIGHT STANDARD	285 SK	SK	8.03	2,288.55
107-210	FLOCELE	71 LB	LB	1.65	117.15
110-222	SACK SAND	2 SK	SK	9.80	19.60
100-207	BULK SERVICE CHARGE	292 CFT	CFT	1.35	394.20
100-306	MILEAGE CMTG MAT DEL OR RETURN	1666.830 TMI	TMI	.95	1,583.49

INVOICE SUBTOTAL

RELEASED

6,383.99

DISCOUNT-(BID)

DEC 1 8 1996

1,787.49

INVOICE BID AMOUNT

4,596.50

\*-KANSAS STATE SALES TAX

FROM CONFIDENTIAL

224.54

\*-HAYS CITY SALES TAX

45.83



1987 215  
 200  
 O'Brien - cement job  
 R.E.

ORIGINAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

54.111.1

JUN MAY HAMILBURTON LOCATION Hays, KS BILLED ON TICKET NO. 83

WELL DATA

FIELD \_\_\_\_\_ SEC 32 TWP 21 RNG 40 COUNTY Hamilton STATE Ks

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM ALLOWED
CASING			10.5	4 1/2			
LINEAR							
TUBING							
OPEN HOLE							SHOTS/FT.
PERFORATIONS							
PERFORATIONS							
PERFORATIONS							

FORMATION THICKNESS FROM TO  
 INITIAL PROD: OIL \_\_\_\_\_ OPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD  
 PRESENT PROD: OIL \_\_\_\_\_ OPD. WATER \_\_\_\_\_ SPD. GAS \_\_\_\_\_ MCFD  
 COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_  
 PACKER TYPE Raker SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC DATA 1433 port collar TOTAL DEPTH \_\_\_\_\_

TOOLS AND ACCESSORIES

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

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-31-95</u> TIME <u>0630</u>	DATE <u>8-31-95</u> TIME <u>1335</u>	DATE <u>8-31-95</u> TIME <u>1500</u>	DATE <u>8-31-95</u> TIME <u>1845</u>

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. @ 60°F  
 DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. @ 60°F  
 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  
 FINE RED AGENT TYPE \_\_\_\_\_ GAL. LB. \_\_\_\_\_ IN  
 BREAKER TYPE \_\_\_\_\_ GAL. LB. \_\_\_\_\_ IN  
 BLOCKING AGENT TYPE \_\_\_\_\_ GAL. LB. \_\_\_\_\_  
 PERFORM. BALLS TYPE \_\_\_\_\_ QTY \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 OTHER \_\_\_\_\_

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>A. F. Worth</u>	<u>86101</u>	<u>PU</u>
	<u>40071</u>	<u>Hays, KS</u>
<u>R. Borrens</u>	<u>57233</u>	<u>RCM</u>
	<u>51374</u>	<u>Hays, KS</u>
<u>W. Wilson</u>	<u>69377</u>	<u>5070 BIK</u>
	<u>4444</u>	<u>Hays, KS</u>
<u>RELEASED</u>		
<u>DEC 18 1996</u>		
<u>FROM CONFIDENTIAL</u>		

DEPARTMENT LM  
 DESCRIPTION OF JOB port collars @ 1433  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBC   
 CUSTOMER REPRESENTATIVE X  
 HAMILBURTON OPERATOR A. F. Worth COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU/FT/SK.	MIXED LBS GAL
	<u>125</u>	<u>HLC</u>	<u>FS-1</u>	<u>13</u>	<u>1/4 P. H. C. / 1/2 K</u>	<u>1.67</u>	<u>126</u>

PRESSURES IN PSI SUMMARY

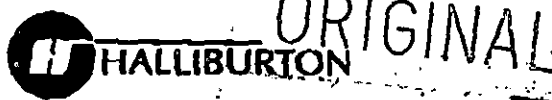
12/12/96

14:20

316 267 8004

MURFIN DRILLING

002/002



**JOB LOG**

DATE: 9-21-85  
TICKET NO. 8399116

STROMER	WELL NO. 1-13	LEASE	Job Type
Mur Fin Drilling		Trident Newton	open Port collar

START NO.	TIME	DATE	TIME	STATE	DEPTH (FT)	DEPTH (M)	PUMPER	(PRESSURE)	(RPS)	DESCRIPTION OF OPERATION AND MATERIALS
1	0630									called out
	1330									oalac w/ equip + 81k cut
										2RS HIC, discuss safety, set up Atlas 30
										Pull the art of hole
	1445									out of hole of the
	1501									start Baker tool in hole
					1500 <sup>H</sup>	1000 <sup>M</sup>				plug @ 1548 feet OK
										spot 2.5k in 3 1/2" BBL water
	1602				600 <sup>H</sup>					Open port collar 3 1/2" gen "e" r
					600 <sup>H</sup>					Start mix cut
		3 1/2	15							pump in BBLs well starts circ
					400 <sup>H</sup>					Pump 2.5 BBL cut, well circ
										cut out of Benton fluid
						350 <sup>H</sup>				Finish cut
										St drop 1 1/2" cut 3 1/2" BBL
										Close port collar of 3 1/2" BBLs O-part
	1719				900 <sup>H</sup>					PS - up well OK
										Run down + wash sand out of pl.
	1845									Close up hole
		3 1/2	15							Job complete

3300k cut P.t

RELEASED

DEC 1 8 1996

FROM CONFIDENTIAL

thanks Allen, Bruce, Wayne