

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

SIDE ONE

15-189-22004-00-00

OPERATOR: License # 5363
 Name: BEREXCO INC
 Address: 970 FOURTH FINANCIAL CENTER
 City/State/Zip: WICHITA, KS 67202

Purchaser: Central Crude Corporation

Operator Contact Person: Evan Mayhew

Phone (316) 265-3311

Contractor: BEREDCO INC

License: 5147

Wellsite Geologist: Charles B. Spradlin

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas EHHR SIGW

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

If Workover/Re-Entry; oil well info as follows:

Operator: JAN 25

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. _____

10/16/95 11/03/95 11/04/95
 Spud Date Date Reached TD Completion Date

API NO. 15- 189-220040000 ORIGINAL
 County Stevens
 C - E/2 - NW - SW Sec 29 Twp 34 Rge 37 X E W

2000' Feet from S/N (circle one) Line of Section

1000' 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 Sturdy Well # 1-29

Field Name WILDCAT

Producing Formation Morrow-Chester

Elevation: Ground: 3169 KB: 3182

Total Depth 6876 PBTB 0

Amount of Surface Pipe Set and Cemented at 1694 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

Feet depth to _____ w/ _____ sx. cmt.

Drilling Fluid Management Plan DATA 5-6-96
 (Date must be collected from the Reserve Pit) RV

Chloride Content 2500 ppm Fluid Volume 9000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name 1-26-96

Quarter 1996 Sec _____ Twp _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colquhoun Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-2-130, 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 with all plugged well. 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 Evan C Mayhew

Title DISTRICT ENGINEER Date 01/11/96

Subscribed and sworn to before me this 11th day of January 1996.

Notary Public Tiffany R. Reese

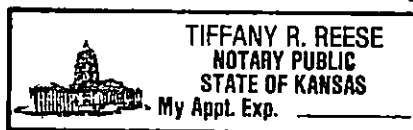
Date Commission Expires SEPTEMBER 19, 1999

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Form ACO-1 (7-91)



RELEASED

APR 6 1998

FROM CONFIDENTIAL

CONFIDENTIAL

RECEIVED
 KANSAS CORPORATION COMMISSION

Operator Name BEREXCO INC
 Sec 29 Twp 34 Rge 37 East West

Lease Name Sturdy Well # 1-29
 County Stevens

CONFIDENTIAL

ORIGINAL

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 pressure, whether shut-in pressure reached static level, hydrostatic pressure, 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 type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	RCC	
List All E. Logs Run:		JAN 25	
Dual Induction Laterolog, Microlog, Density-Neutron Log		CONFIDENTIAL	

RELEASED

CASING RECORD

APR 6 1998

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	25	1694	MIDCON CLASS C	400	2% CC 1/4 # Flocele
PRODUCTION							2% CC 1/4 # Flocele

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate				
Protect Casing	2715-3200		100	60/40 POZ 2% gel
XX Plug Back TD	1478-1720		50	
Plug Off Zone	458'-650'		50	
Remedial				10 sx in RH and 15 sx in MH

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	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Inj	D&A					
Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimate Production Per 24 Hours	Oil $\frac{N}{A}$	Bbls	Gas $\frac{N}{A}$	MCF	Water $\frac{N}{A}$	Bbls 0
					Gas-Oil Ratio	Gravity

METHOD OF COMPLETION

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

Open Hole Perf Dually Comp Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

CONFIDENTIAL

Sturdy #1
GEOLOGICAL REPORT

15-189-22004

Sturdy #1-29

Mary Springer

Formation	Sample Tops		Correlation		
	Depth	Datum	Depth	Datum	Corr

KB 3182

Base of Heebner	4297	-1115	4278	-1100	-15
Toronto	4306	-1124	4289	-1111	-13
Lansing FH.	4347	-1165	4330	-1152	-13
Lansing "B"	4414	-1232	4404	-1226	-6
Corr. Pt. in Lan-K.C.	4745	-1563	4728	-1550	-13
Corr. Pt. in Lan-K.C.	4857	-1675	4833	-1655	-20

KCC

JAN 2 5

CONFIDENTIAL

RELEASED

APR 6 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CORP COMM
1998 JAN 26 P 4:51

10-22-95

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
BERENGO				SURVEY		SURVEY		811 534	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	09:00							CALLED QDT READ 13:00	
	12:30							ON LOC. Rig T.O.A.	
	14:00							START CSQ	
	15:35							SPEC MEETING	
	16:00							CSQ ON BOTTOM	
	16:16							HURRY UP CIRCULATE WITH RIG	
	16:30							HURRY TO HALLIBURTON	
	16:43	4.3	229.39				100	START LEAD CONT @ 11.1 #/gal	
	17:06	4.7	23.5				100	START TAIL CONT @ 12.3 #/gal	
	17:11						0	SHUT DOWN	
	17:12						0	DROP 5 WIPER TOP PLUG	
	17:13	4.4	104.82				0	START H ₂ O DISPLACEMENT / WASH PUMPS & LINES	
	17:37						500	PLUG DOWN	
	17:38						0	RELEASE BACK FLANT HOLDING	
								RELEASED	
								APR 6 1998	
								FROM CONFIDENTIAL	
								RECEIVED	
								KANSAS CORP COMM	
								1998 JAN 26 PM 4:11	
								THANK YOU FOR CALLING	
								HALLIBURTON	
								ROBERT & CASW	



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 811534

FORM 1911 R-10

CUSTOMER Baradco Drlg.	WELL Sturdy	DATE 10 22 95	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-050	516.00265				Porexium Plus Cement	400	sk			11 91	1191 00
504-282					Midcon Premium Plus Cement	400	sk			16 39	6556 00
507-285	70.15250					752	lb				
508-127	516.00335					8	sk				
507-210	890.50071				Floccale 1/2" / 400	200	lb			1 65	330 00
509-406	890.50812				Calcium Chloride 3/8" / 400, 2 3/8" / 100	13	sk			36 75	477 75
CONFIDENTIAL											
RELEASED											
APR 6 1998											
FROM CONFIDENTIAL											
ORIGINAL											
JAN 25 1998											
CONFIDENTIAL											
500-207					SERVICE CHARGE					1 35	742 50
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	CUBIC FEET	TON MILES	95	212 66
					49744	9	550	223,848			

No. B 209982

CONTINUATION TOTAL 9,509.91



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

HKO Cont
Liberal KS

BILLED ON TICKET NO. 811334

WELL DATA

FIELD Well #11 SEC. 29 TWP. 34 S RNG. 37 W COUNTY CONFIDENTIAL 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	<u>N</u>	<u>54</u>	<u>2 1/2</u>	<u>12</u>	<u>1712</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>6.1</u>	<u>1712</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>1 1/2 in. w/ EIL</u>	<u>1</u>	<u>Hisco</u>
FLOAT SHOE		
GUIDE SHOE <u>2 in.</u>	<u>1</u>	
CENTRALIZERS <u>5 in.</u>	<u>3</u>	
BOTTOM PLUG		
TOP PLUG <u>5 in. x 2 in.</u>	<u>1</u>	
HEAD <u>GC DC</u>	<u>1</u>	
PACKER		
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-22-95</u>	DATE <u>10-22-95</u>	DATE <u>10-22-95</u>	DATE <u>10-22-95</u>
TIME <u>09:20</u>	TIME <u>12:30</u>	TIME <u>16:20</u>	TIME <u>17:37</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>P. Elwan</u>	<u>B4340</u>	<u>38342 Pw Liberal Ks</u>
<u>D. Magroza</u>	<u>52732</u>	<u>6 1499 7131 (P) "</u>
<u>M. Longworth</u>	<u>50404</u>	<u>6 9510 4734 (B) Higdon Ks</u>
<u>J. Wisco</u>	<u>4037</u>	<u>H 2442 7619 (B) "</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____

ACID TYPE _____ GAL. _____

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____

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 5001 Cont

DESCRIPTION OF JOB 2 1/2 in. 50 ft.

JOB DONE THRU: TUBING CASING ANNULUS P/BG/ANN.

CUSTOMER REPRESENTATIVE X. K. Kelly Collins

HALLIBURTON OPERATOR Robert Elwan COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<u>400</u>	<u>Miscel</u>	<u>B</u>	<u>3% C.C.</u>	<u>1/4 in. Hacks</u>		<u>3.22</u>	<u>11.1</u>
<u>700</u>	<u>Prem Aus</u>	<u>B</u>	<u>3% C.C.</u>			<u>1.32</u>	<u>14.5</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 95.20 REASON SHOE JOINT

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL _____ TYPE _____

LOAD & BKDN: BBL.-GAL _____ PAD: BBL.-GAL _____

TREATMENT: BBL.-GAL _____ DISPL: BBL.-GAL 104.2

CEMENT SLURRY: BBL.-GAL 229 + 23.5

TOTAL VOLUME: BBL.-GAL _____

REMARKS

M.S.D.S. Given to Toolpusher

CUSTOMER RELEASED FROM CONFIDENTIAL

RELEASED APR 6 1998

FROM CONFIDENTIAL

RECEIVED KALISAS CORP OMA

956 S. 21st St. OMA, IA 51502



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Beredco Drilling
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

ORIGINAL

TICKET

No. 881243 - U

Will File
 RECEIVED
 KANSAS CORP

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Liberal, KS 025540</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>Sturdy</u>	COUNTY/PARISH <u>STEVENS</u>	STATE <u>KS</u>	CITY/TOWNSHIP/LOCATION <u>5/14/95</u>	DATE <u>11-4-95</u>	OWNER <u>SAME</u>
2. <u>Hugoton, KS 025535</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>Beredco</u>	RIG NAME/NO. <u>Rig 1</u>	SHIPPED VIA <u>location</u>	DELIVERED TO <u>location</u>	ORDER NO.
3.	WELL TYPE <u>01</u>	WELL CATEGORY <u>01</u>	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4.	INVOICE INSTRUCTIONS						
REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT		AMOUNT	
		LOC	ACCT.	DF		EA	U/M	PRICE			
<u>00017</u>		<u>1</u>			<u>MILEAGE 75374</u>	<u>1</u>	<u>EA</u>	<u>50</u>	<u>m.</u>	<u>2⁸⁵</u>	<u>142⁵⁰</u>
<u>009019</u>		<u>1</u>			<u>Pump Charge</u>	<u>3200</u>	<u>EA</u>	<u>6</u>	<u>hrs</u>		<u>1590⁰⁰</u>
<u>009029</u>		<u>1</u>									

ORIGINAL

CONFIDENTIAL

JAN 25 1998

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 APR 6 1998
 FROM CONFIDENTIAL

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	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY <input checked="" type="checkbox"/>		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL <u>1732⁵⁰</u> FROM CONTINUATION PAGE(S) <u>2440²¹</u> SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>3129⁵⁵</u>
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
	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?					
DATE SIGNED	TIME SIGNED	TREE CONNECTION		TYPE VALVE	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 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) <u>Kenny Collins</u>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <u>Kenny Collins</u>	HALLIBURTON OPERATOR/ENGINEER <u>Was Fox</u>	EMP # <u>04437</u>	HALLIBURTON APPROVAL <u>Orwell Nelson 25%</u>
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TICKET CONTINUATION

ORIGINAL

TICKET No. 881243

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER Bredco	WELL KANSAS CORP COMM RECEIVED Study 1995 JAN 26	DATE 11-4-95	PAGE 1	OF 1
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
504013					225 CU. FT. 60/40 Premium Premium Cement	225		11.55	1559.25
506105					Poz	6660		0.74	4921.84
506121					Gel 290				116
500207					SERVICE CHARGE			1.35	303.75
500306					MILEAGE CHARGE			.95	84.37
					TOTAL WEIGHT	19,737			
					LOADED MILES	9			
					CUBIC FEET	225			
					TON MILES	88.51			

ORIGINAL

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APR 6 1998
FROM CONFIDENTIAL

CONFIDENTIAL
CONFIDENTIAL
CONFIDENTIAL

CONTINUATION TOTAL 2440.21

No. B 211907



JOB SUMMARY

HALLIBURTON DIVISION

Mid Cont.

HALLIBURTON LOCATION

Liberal, KS

BILLED ON TICKET NO.

881243

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY STEVENS 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 6876

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	4	25	85/8	KB	1694	
LINER						
TUBING						
OPEN HOLE			7718	1694	6876	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES	
TYPE AND SIZE	QTY.
FLOAT COLLAR	
FLOAT SHOE	
GUIDE SHOE	
CENTRALIZERS	
BOTTOM PLLIG	
TOP PLLIG	
HEAD	
PACKER	
OTHER	

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-4-95</u>	DATE <u>11-4-95</u>	DATE <u>11-4-95</u>	DATE <u>11-4-95</u>
TIME <u>0530</u>	TIME <u>0815</u>	TIME <u>1407</u>	TIME <u>1836</u>

CONFIDENTIAL

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. Fox	D4437	420042 P.U. Liberal, KS
N. Tate	E0568	75374 RCM.
G. McEntyre	75817	Bulk Hugoton, KS

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 500L CEMENT

DESCRIPTION OF JOB Plug To Abandon

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

CUSTOMER REPRESENTATIVE X. Henry

HALLIBURTON OPERATOR Wes Fox

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	225	60/40 P52	B	6% Gel		1.64	132

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH 55 TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. 62.5

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY 65.7

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME 183.2

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

SEE Job Log

MSDS with Customer Rep.

RELEASED

APR 6 1998

FROM CONFIDENTIAL

RECEIVED
KANSAS CORP
1998 JAN 25

JAN 25
CUI



JOB LOG HAL-2013-C

DATE 11-4-95 PAGE NO. 1

CUSTOMER Beredco WELL NO. 1 LEASE Sturdy JOB TYPE Plug To Abandon TICKET NO. 881243

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							Called out for 0900
	0815							ON Location - Rig LDDC
	0900							Set up Co. Truck
	0910							Safety Meeting
	1407	5	10			300		Pump H ₂ O Spacer
	1409	5	29.2			250		Pump 100 sack Plug
	1416	5	3.5			100		wash up
	1416	5	34			100		Displace with mud
	1422							Shut Down - Pull D.P.
								Plug from 2715'-3200'
	1541	5	10			200		Pump Mud to Fill Hole
	1543	5	10			200		Pump H ₂ O
	1545	5	14.6			150		Pump 50 sx Plug
	1547	5	3.5			100		wash up
	1547	5	16			100		Displace with mud
	1550							Shut Down - Pull D.P.
								Plug from 1478'-1720'
	1625	6	35			150		Pump H ₂ O
	1631	5	11.6			150		mix 40sx Plug
	1633	5	5.5			100		Displace Cement
								Shut Down - Pull D.P.
								Plug from 458'-650'
	1829	2	3			0		Set Plug from 0'-40'
	1831	2	4 1/2			0		Plug Rat Hole
	1834	2	3			0		Plug Mouse Hole
	1836							Job Complete

ORIGINAL

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NEW JAN 25 CONFIDENTIAL

Thanks for calling Halliburton Wes & Crew

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