

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

Operator: License # 4549

Name: ANADARKO PETROLEUM CORPORATION

Address P. O. BOX 351

City/State/Zip LIBERAL, KANSAS 67905-0351

Purchaser: ANADARKO TRADING COMPANY

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: BIG "A" DRILLING

License: 31572

Wellsite Geologist: NA

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. \_\_\_\_\_

1-10-96 1-15-96 1-16-96  
Spud Date Date Reached TD Completion Date

API NO. 15-<sup>Suggested</sup> 129-21412-00-00 ORIGINAL

County MORTON

NW - NW - SE - SE Sec. 6 Twp. 33 Rge. 41  E

1250 Feet from X  (circle one) Line of Section

1250 Feet from  X (circle one) Line of Section

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

Lease Name CLAASSEN "A" Well # 1

Field Name HUGOTON **CONFIDENTIAL**

Producing Formation NONE

Elevation: Ground 3423.0 KB --

Total Depth 3048 PBTB 0

Amount of Surface Pipe Set and Cemented at 499 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 102a 5-13-96  
(Data must be collected from the reserve Pit) SW

Chloride content 2200 ppm Fluid volume 400 bbls

Dewatering method used NATURAL EVAPORATION

Location of fluid disposal **RELEASED** if hauled offsite: NCC

Operator Name MAR 1 1 1997 JAN 6

Lease Name \_\_\_\_\_ License No. **CONFIDENTIAL**

\_\_\_\_\_ **FROM CONFIDENTIAL** \_\_\_\_\_ **CONFIDENTIAL**  
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 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 David W. Kapple

Title DIVISION DRILLING ENGINEER Date 2/5/96

Subscribed and sworn to before me this 5th day of February, 19 96.

Notary Public L. Marc Harvey

Date Commission Expires \_\_\_\_\_

**L. MARC HARVEY**  
Notary Public - State of Kansas  
My Appt. Expires 1-12-99

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

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name CLAASSEN "A" Well # 1

Sec. 6 Twp. 33 Rge. 41  East  West County MORTON

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: CNL-LDT, DIL, ML, MSFL, SGR.

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
BLAINE	978	
GLORIETTA	1103	
B/CIMARRON ANHY.	1478	
KRIDER DOLO.	2179	
WINFIELD SS.	2219	
FT. RILEY	2352	
COUNCIL GROVE	2452	
WABAUNSEE	2873	

CASING RECORD <input checked="" type="checkbox"/> New <input 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	12.25	8.625	24	499	MIDCON 2/ PREM PLUS	75/120	3%CC, 1/4#SKFLC/ 2%CC, 1#SKFLC

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	NONE		

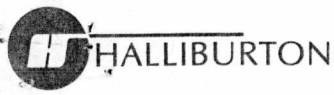
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. **	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil **	Bbls.	Gas **	Mcf
			Water	Bbls.
			Gas-Oil Ratio	Gravty

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 \*\* \_\_\_\_\_

\*\* NONE--D&A



# JOB SUMMARY

HALLIBURTON DIVISION 7th & Central  
 HALLIBURTON LOCATION LIBERAL KS

BILLED ON TICKET NO. 881068  
 LMMH

### WELL DATA

FIELD \_\_\_\_\_ SEC 60 TWP 312 RNG 410 COUNTY MORTON 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 \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

**CONFIDENTIAL**

**ORIGINAL**

### JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-96</u>	DATE <u>1-11-96</u>	DATE <u>1-11-96</u>	DATE <u>1-11-96</u>
TIME <u>12:00</u>	TIME <u>12:00</u>	TIME <u>17:30</u>	TIME <u>18:00</u>

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT-COILBAR <u>1 1/2</u>	<u>1</u>	<u>A</u>
FLOAT SHOE <u>1 1/2</u>	<u>1</u>	<u>D</u>
GUIDE SHOE <u>1 1/2</u>	<u>1</u>	<u>D</u>
CENTRALIZERS <u>2 1/2</u>	<u>2</u>	<u>U</u>
BOTTOM PLUG <u>3 1/2</u>	<u>1</u>	<u>C</u>
TOP PLUG <u>3 1/2</u>	<u>1</u>	<u>O</u>
HEAD <u>1 1/2</u>	<u>1</u>	<u>C</u>
PACKER <u>CEMENT BASKET</u>	<u>1</u>	<u>O</u>
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 \_\_\_\_\_

**RELEASED**

**MAR 1 1997**

**FROM CONFIDENTIAL**

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. B. ...</u>	<u>420115</u>	<u>...</u>
<u>D. ...</u>	<u>32276</u>	<u>...</u>
<u>R. ...</u>	<u>72476</u>	<u>...</u>
<u>Dennis ...</u>	<u>4-37</u>	<u>...</u>
<u>H2441</u>	<u>6612</u>	<u>...</u>

**CONFIDENTIAL**

**RECEIVED KANSAS CORP COMM**

DEPARTMENT CEMENT

DESCRIPTION OF JOB CEMENT SURFACE CSB

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>1</u>	<u>75</u>	<u>M. M. ...</u>	<u>B</u>	<u>3000</u>	<u>...</u>	<u>3.22</u>	<u>11.1</u>
<u>1</u>	<u>120</u>	<u>...</u>	<u>B</u>	<u>2700</u>	<u>...</u>	<u>1.34</u>	<u>11.9</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 4230 REASON SHUT IN

### SUMMARY

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

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

TREATMENT: BBL.-GAL. \_\_\_\_\_ DISPL: BBL.-GAL. 3013

CEMENT SLURRY: BBL.-GAL. 43 21

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

### REMARKS

THIS IS G. 100 TO 60 PLAN

CEMENT TO SURFACE

3 1/2" WELL BTLG - NO ACC. ABOVE

CUSTOMER: ... LEASE: ... WELL NO.: ... JOB TYPE: ... DATE: 1-11-96



HALLIBURTON

ORIGINAL

DATE PAGE NO.

JOB LOG HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
	4-1	CLASSEN	CAUTION	531268

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1720							CALLED OFF
	1721							ON LOC. DROP STRAIGHT H <sub>2</sub> O
	1722							START C&G IN HALL
	1723							HOOK UP 2" PUMP
	1724							CONNECT W/ MIT - SAFETY
	1725							HOOK UP C&G LINE
	1732	6.5	4.3			0/38		START ADJUST H <sub>2</sub> O
	1743	6.5	2.7			210		START TAIL END H <sub>2</sub> O
	1744	0	0			0		SHUT OFF D&P PLUG
	1748	4	20			0/110		START D&P W/ H <sub>2</sub> O
	1753	2	10			110		SLOW RATE - (303 TAIL END)
	1755	0	0			0		PLUG HANDS - 710 TAIL END FD OVER
								NCC
								JAN 6
								CONFIDENTIAL
								THANKS FOR CALLING
								HALLIBURTON ENERGY SERVICES
								LIBERAL
								HAVE A GOOD DAY
								BROADFOOT - CRIST - A.M.
								MSDS GIVEN TO CO-MAN
								C&G TO SURFACE
								S&P TIME 25 MIN
								IND TIME 2 HR 55 MIN
								Out to Pit
								25 bbl - 44 SK
								RELEASED
								MAR 11 1997
								FROM CONFIDENTIAL

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 KANSAS CORP COM  
 1996 FEB -1 P 12:56



**HALLIBURTON ENERGY SERVICES**

HAL-1906-N

CHARGE TO  
*Agulavka Petroleum*

ADDRESS

CITY, STATE, ZIP CODE

CUSTOMER COPY

TICKET

No. 881068 - 1

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Agulavka 20500</i>	WELL/PROJECT NO <i>A-1</i>	LEASE <i>Clallan</i>	COUNTY/PARISH <i>Martin</i>	STATE <i>LA</i>	CITY/OFFSHORE LOCATION	DATE <i>11/96</i>	OWNER <i>SABIC</i>
2. <i>Hwy 100 20400</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>Rio A Duty</i>	RIG NAME/NO	SHIPPED VIA <i>11/5/96</i>	DELIVERED TO <i>11/5/96</i>	ORDER NO
3.	WELL TYPE <i>01</i>	WELL CATEGORY <i>02</i>	JOB PURPOSE <i>010</i>	WELL PERMIT NO.	WELL LOCATION <i>6-315-41W</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

NOV 6  
 JAN 6  
 CONFIDENTIAL

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 MAR 1 1997  
 FROM CONFIDENTIAL

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-117</i>					MILEAGE	<i>Per unit</i>	<i>128</i>	<i>mi</i>		<i>2.85</i>	<i>364.80</i>
<i>000-117</i>					<i>mileage per unit</i>		<i>128</i>	<i>mi</i>		<i>1.50</i>	<i>192.00</i>
<i>001-011</i>					<i>Pump Change</i>		<i>502.74</i>	<i>6</i>	<i>hr</i>		<i>890.00</i>
<i>16 A</i>	<i>R20-1171</i>				<i>Guide Shoe (Top Hat)</i>		<i>45%</i>	<i>1</i>	<i>hr</i>		<i>237.00</i>
<i>24 A</i>	<i>015-19108</i>				<i>Insert Shoe</i>		<i>35%</i>	<i>1</i>	<i>hr</i>		<i>195.00</i>
<i>27</i>	<i>015-11415</i>				<i>F.H. ASSY</i>			<i>1.5</i>	<i>hr</i>		<i>64.50</i>
<i>320</i>	<i>806-71460</i>				<i>CONCRETE BUCKET</i>		<i>8%</i>	<i>1</i>	<i>hr</i>		<i>124.80</i>
<i>41</i>	<i>801-61046</i>				<i>CONTAINER</i>		<i>8%</i>	<i>3</i>	<i>hr</i>	<i>61.00</i>	<i>183.00</i>
<i>350</i>	<i>190-10903</i>				<i>well A</i>		<i>1.5%</i>	<i>1</i>	<i>hr</i>		<i>15.00</i>
<i>030-011</i>					<i>Stripper Plug</i>		<i>8%</i>	<i>1</i>	<i>hr</i>		<i>13.00</i>

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**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

DATE SIGNED *1-11-96* TIME SIGNED *1:00 PM*

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>2372.5</i>
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>6036.14</i>
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				
				<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) <i>O T Stack</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>O T Stack</i>	HALLIBURTON OPERATOR/ENGINEER <i>J. Bradley</i>	EMP # <i>114601</i>	HALLIBURTON APPROVAL
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# JOB SUMMARY

HALLIBURTON DIVISION 1st Containment  
 HALLIBURTON LOCATION Liberal KS

BILLED ON TICKET NO. 919651

## WELL DATA

FIELD \_\_\_\_\_ SEC. 1a TWP. 33S RNG. 4W COUNTY. Madison 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						
LINER						
TUBING	<u>11</u>	<u>11.6</u>	<u>4 1/2</u>	<u>KB</u>	<u>3048</u>	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

## JOB DATA

### TOOLS AND ACCESSORIES

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

**CONFIDENTIAL**

### 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 \_\_\_\_\_

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-16-96</u>	DATE <u>1-16-96</u>	DATE <u>1-16-96</u>	DATE <u>1-16-96</u>
TIME <u>1815</u>	TIME <u>1315</u>	TIME <u>1409</u>	TIME <u>1715</u>

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Tom Poyer</u>	<u>420044</u>	<u>Liberal KS</u>
<u>John Libardrossi</u>	<u>76900</u>	<u>" "</u>
<u>Catrina Wiley</u>	<u>75811</u>	<u>Bulls, Hays, KS</u>

RECEIVED  
 KANSAS CORP. CON. M.  
 JAN 6 1996  
 FEB 7 1996

DEPARTMENT CEMENT  
 DESCRIPTION OF JOB PTA CONFIDENTIAL

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

CUSTOMER REPRESENTATIVE X William Hurst

HALLIBURTON OPERATOR Tom Poyer COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1st</u>	<u>100</u>	<u>60/40 10/200</u>		<u>B</u>	<u>10% GE 1</u>	<u>1.50</u>	<u>13.0</u>
<u>2nd</u>	<u>50</u>	<u>" "</u>		<u>B</u>	<u>" "</u>		
<u>3rd</u>	<u>50</u>	<u>" "</u>		<u>B</u>	<u>" "</u>		
<u>4th</u>	<u>10</u>	<u>" "</u>		<u>" "</u>	<u>" "</u>		
<u>Rat &amp; Plug</u>	<u>25</u>	<u>" "</u>		<u>" "</u>	<u>" "</u>		

RELEASED

MAR 11 1997

### 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.-GAL. \_\_\_\_\_

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

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

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

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

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

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

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

See Job Log

FROM CONFIDENTIAL

CUSTOMER: Andalco Pt. A-1  
 LEASE: Classen  
 WELL NO.: 115  
 JOB TYPE: 115  
 DATE: 1-16-96





JOB LOG HAL-2013-C

CUSTOMER <i>Aurubaha P&amp;T</i>	WELL NO. <i>A-1</i>	LEASE <i>CLASSEN</i>	JOB TYPE <i>115</i>	TICKET NO. <i>919651</i>
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1100							Called-out - Requested "news" - from Carbon City
	1315							On Loc. - T.I. H.
								Hook-up to cement @ 3048'
	1429	0-4	10	✓				Pump H <sub>2</sub> O
	1411	4	26 <sup>3/4</sup>	✓		1/200		Pump cont.
	1418	4	3 1/2	✓				Pump H <sub>2</sub> O ORIGINAL
	1419	4	33	✓				Pump mud
	1426	4-0		✓		100%		Shut Down
								Hook-up to cement @ 1225'
	1524	0-4	10	✓		0/50		Pump H <sub>2</sub> O
	1536	4	13 1/2	✓				Pump cont.
	1539	4	3 1/2	✓				Pump H <sub>2</sub> O
	1540	4-3	10	✓		50		Pump mud
	1544	4-0		✓		50%		Shut Down
								Hook-up to cement @ 520' NUC
	1634	0-3 1/2	20	✓		0/50		Pump H <sub>2</sub> O JAN 6
	1640	3 1/2	13 1/3	✓				Pump cont. CONFIDENTIAL
	1643	3 1/2	3	✓				Pump H <sub>2</sub> O
	1644	3 1/2-0		✓		50%		Shut down
								Hook-up to cement @ 40'
	1706	2	2 1/2	✓		50		Pump cont.
	1710	2	4	✓		50		Pump cont. @ Rat hole
	1714	2	2 1/2	✓		50		Pump cont. @ Mouse hole
								Thank you!
								Tom, Woody, Calvin

RELEASED

MAR 11 1997

FROM CONFIDENTIAL





HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: **Anadarko Petroleum**

ADDRESS:

CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET No. **919651 - 7**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <b>25540</b>	WELL/PROJECT NO. <b>A-1</b>	LEASE <b>CLASSEN</b>	COUNTY/PARISH <b>Monton</b>	STATE <b>Ks</b>	CITY/OFFSHORE LOCATION <b>Richfield</b>	DATE <b>1-16-96</b>	OWNER
2. <b>25535</b>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>Big A</b>	RIG NAME/NO. <b># 1</b>	SHIPPED VIA <b>HES</b>	DELIVERED TO <b>Wellsite</b>	ORDER NO.
3.	WELL TYPE <b>21</b>	WELL CATEGORY <b>06</b>	JOB PURPOSE <b>115</b>	WELL PERMIT NO.	WELL LOCATION <b>Land (6-335-41w)</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<b>000-119</b>					MILEAGE	<b>2 EA</b>		<b>42 mi</b>		<b>2.88</b>	<b>239.4</b>
<b>009-019</b>					Pump Charge	<b>6 hrs</b>		<b>3048 ft</b>			<b>1590.0</b>
<b>000-119</b>					CREW mileage	<b>2 hrs</b>		<b>42 mi</b>		<b>1.50</b>	<b>126.0</b>
<p><b>CONFIDENTIAL</b> (vertical)</p> <p><b>ORIGINAL</b> (vertical)</p> <p><b>RELEASED</b> (vertical)</p> <p><b>MAR 11 1997</b> (vertical)</p> <p><b>FROM CONFIDENTIAL</b> (vertical)</p> <p><b>JAN 6 1997</b> (vertical)</p>											

**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

TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	PAGE TOTAL
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	FROM CONTINUATION PAGE(S)
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?	
	WELL DEPTH	ARE YOU SATISFIED WITH OUR SERVICE?	
TREE CONNECTION	TYPE VALVE	<input type="checkbox"/> YES <input type="checkbox"/> NO	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<b>X Miller Hubert</b>	<b>Tom Roper</b>	<b>48120</b>	



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

FIELD COPY

DM

TICKET No. 919651

CUSTOMER  
AFC

WELL  
Classen A 1

DATE  
1-16-96

PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	U/M		
					235 cu ft. 40% Pozmix 60% Cement				
504-043	516.00272				Premium Cement	141	skt	11.08	1562.28
506-108	516.00286				Pozmix	6936	#	.073	507.79
506-121	516.00259				Get 2% allowed	4	skt	N/C	
507-277	516.00259				Get 4% added	8	skt	18.60	148.80
500-207					SERVICE CHARGE		CUBIC FEET		
							251	1.35	338.85
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	
						21410	42	449.61	.95

CONFIDENTIAL

ORIGINAL

JAN 6 1997  
CONFIDENTIAL

RELEASED

MAR 11 1997

FROM CONFIDENTIAL

No. B 219616

CONTINUATION TOTAL	219616
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