

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: NONE

Operator Contact Person: J. L. ASHTON

Phone (316) 624-6253

Contractor: Name: NORSEMAN DRILLING, INC.

License: 3779

Wellsite Geologist: NA **ORIGINAL**

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGM

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. _____

10/7/94 10/10/94 1/8/95
Spud Date Date Reached TD Completion Date

API NO. 15- 129-21,339-0000

County MORTON

NE - NW - SW - SE Sec. 5 Twp. 32S Rge. 41 X W

1250 Feet from (S)X (circle one) Line of Section

2250 Feet from (E)X (circle one) Line of Section

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

Lease Name BOEKHAUS TRUST "A" Well # 1

Field Name HUGOTON

Producing Formation CHASE-NOT PRODUCTIVE

Elevation: Ground 3436 KB --

Total Depth 2460 PBTB 2375

Amount of Surface Pipe Set and Cemented at 703 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 D&A 97 11-27-95
(Data must be collected from the Reserve Pit)

Chloride content 100,560 ppm Fluid volume 700 bbls

Dewatering method used NATURAL 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, 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 Leslie I. Barnes

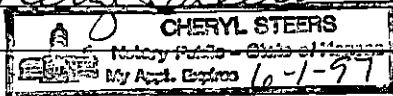
LESLIE I. BARNES

Title SR. TECHNICAL ASSISTANT Date 2/6/95

Subscribed and sworn to before me this 10th day of February, 19 95.

Notary Public Cheryl Steers

Date Commission Expires _____



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)

Form ACO-1 **RECEIVED**
KANSAS CORPORATION COMMISSION

2-8-95

FEB 08 1995

CONSERVATION DIVISION
WICHITA, KS

Operator Name ANADARKO PETROLEUM CORPORATION Lease Name BOEKHAUS TRUST "A" Well # 1

Sec. 5 Twp. 32S 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.)

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
B. CIMARRON	1520	
KRIDER SS	2180	
KRIDER LS	2200	
WINFIELD	2247	
TOWANDA	2318	
FT. RILEY	2372	

List All E.Logs Run: **DUAL-SPACED NEUTRON SPECTRAL GAMMA/HIGH RESOLUTION/DENSITY NEUTRON COMPENSATED SPECTRAL GAMMA MICROSPHERICALLY FOCUSED HIGH RESOLUTION INDUCTION**

ORIGINAL

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 1/4	8 5/8	24	703	75/25 POZMIX/ CLASS H	280/150	2%CC, 1/4#SX FLOC
PRODUCTION	7 7/8	5 1/2	15.5	2417	CLASS C/ CLASS C	220/40	3%CC, 1/4#SX FLOC 20%DCD, 2%CC, 1/4# SX FLOCELE/ 10%DCD, 2%CC, 1/4# SX FLOCELE

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
2	2178-2184	DIVERTA FRAC W/3000 GALS 25# LINEAR GELLED 2% KCL WTR & 2000# 40/70 SAND, FRAC W/16,500 GALS 25# LINEAR GELLED 2% KCL WTR & 37,500# 20/40 SAND 2170-2184

TUBING RECORD	Size NONE	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. SI, EVALUATING	Producing Method NONE <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 TSTM Mcf	Water -- Bbls.	Gas-Oil Ratio -- Gravity --

Disposition of Gas: NONE METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled NONE

(If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

NORSEMAN DRILLING, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

WELL NAME: BOEKHAUS A-1
SECTION 5-32S-41W
MORTON COUNTY, KANSAS

COMMENCED: OCTOBER 6, 1994

COMPLETED: OCTOBER 11, 1994

OPERATOR: ANADARKO PETROLEUM CORPORATION

=====

Depth		Formation	Remarks
From	To		
0	1181	Sand & Redbed	Ran 17 jts of 24#
1182	1285	Glorietta Sand	8 5/8" csg set @
1285	2460	Redbed & Shale	710'; w/280 SX of 75/25 Pozmix; 2% CC; 1/4# SX Floceal; Tailed w/150 SX Class H; 2% CC; 1/4# sx Floceal; Plug down at 6:15 p.m. on 10/07/94.

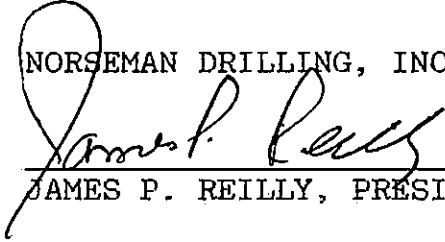
Ran 56 jts 5 1/2" 15.5#, Set @ 2417'; w/220 SX Class
C; 20% Diacel D; 2% CC; 1/4# SX Floceal; Tailed w/140
SX Class C; 10% Diacel D; 2% CC; 1/4# SX Floceal; Plug
down at 3:15 p.m., on 10/11/94

STATE OF KANSAS

)I, the undersigned, being duly sworn on
)oath, state that the above Drillers' Well
)Log is true and correct to the best of my
)knowledge and belief and according to the
)records of this office.

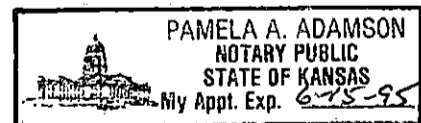
COUNTY OF SEDGWICK

NORSEMAN DRILLING, INC.


JAMES P. REILLY, PRESIDENT

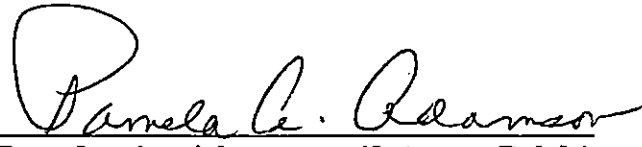
Subscribed & sworn to before me this

October 13, 1994



My Appointment Expires:

June 15, 1995


Pamela A. Adamson, Notary Public
340 Seville
Wichita, KS 67209

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KANSAS CORPORATION COMMISSION

FEB 08 1995
2-8-95
CONSERVATION DIVISION
WICHITA, KS



JOB LOG HAL-2013-C

DATE 10-7-94 PAGE NO.
TICKET NO. 635752

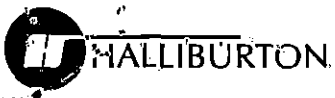
CUSTOMER Anderson Petro. WELL NO. A1# LEASE BOEKHAUS TRIST JOB TYPE 8 7/8 SURFACE

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							Time Colled
	1200							Time Ready
	1600							Time outed.
								ORIGINAL
	1645							Start Pump Casing
	1728							Casing in Hole
	1729							Hook up To Cuckoo E. Casing
	1735							Circulate Casing w/ Pump
	1737							Circulate Mud To Ground Level
	1745							Hook up To Pump Truck
	1748	6.1				250		Start Mix Cement
	1755	/	64.32			200		Start Tail Cement
	1801	/	28.31			250		Finish Mix Cement
	1802	/	92.63			250		Shut Down Deep Plug
	1809	4				75		Start Displacement
	1815	/	42.48			250		Plug Down Wash Pump + Lines
								Shut in hole Floods Dol. Not Hold Circulate Cement To The PT
								Thanks For Calling Halliburton Energy Dennis Corrie + Crew

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FEB 08 1995

CONSERVATION DIVISION WICHITA, KS



JOB SUMMARY

HALLIBURTON DIVISION

HALLIBURTON LOCATION

Mich Court.
Liberal Ks

BILLED ON TICKET NO. 635752

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Marion 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		24	8 3/8	KB	710	
LINER						
TUBING						
OPEN HOLE			12 1/4	GL	710	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
Float Collar <u>8 3/8</u> <u>Incent Float</u>	1	<u>Hovco</u>
Float Shoe <u>FILUP</u>	1	
Guide Shoe <u>1/2 PAT</u>	1	
Centralizers	3	
Bottom Plug		
Top Plug	1	
Head	1	
Packer <u>Basket</u>	1	
Other <u>Hovco weld A</u>	1 LB	

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-7</u>	DATE <u>10-7</u>	DATE <u>10-7</u>	DATE <u>10-7</u>
TIME <u>1300</u>	TIME <u>1600</u>	TIME <u>1728</u>	TIME <u>1815</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>D. Carr</u>	40075	<u>Liberal Ks</u>
<u>D. Neff</u>	59179	"
<u>H. Tobias</u>	E 1591 / 7848	<u>Hogton Ks</u>
<u>A. Moore</u>	2607 / 4515	"
<u>J.</u>	56623 / 4737	"

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 Cement

DESCRIPTION OF JOB 8 3/8 SURFACE

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	280	<u>7 1/2s Poz</u>	<u>H</u>		<u>2% Totab Gel, 2% CC 1/4 # Floccle</u>	1.29	14.5
	150	<u>Premium</u>	<u>H</u>		<u>2% CC 1/4 # Floccle</u>	1.06	16.4

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. 42.48

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 92.63

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 42 REASON Shoe short

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KANSAS CORPORATION COMMISSION
REMARKS

FEB 08 1995

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER: Amstarco Petroleum Lease
LEASE: Boeckhaus Trust
WELL NO.: A1
JOB TYPE: 8 3/8 Surface
DATE: 10-7-94



CHARGE TO: *Anadarko Petro. Corp.*
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

COPY

TICKET

No.

635752 - 7

PAGE 1 OF _____

FORM 1906 R-13

1. <i>25540 Lisenok Ks</i>	WELL/PROJECT NO. <i>A 1</i>	LEASE <i>Boekhaus Tract</i>	COUNTRY/PARISH <i>Morton</i>	STATE <i>Ks</i>	CITY/OFFSHORE LOCATION	DATE <i>10-7-94</i>	OWNER <i>Anadarko Petro</i>
2. <i>25535 Heston Ks</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>Noesman Dlg 2nd</i>	RIG NAME/NO.	SHIPPED VIA <i>Loc.</i>	DELIVERED TO	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE <i>010 8 3/8 SURFACE</i>	WELL PERMIT NO.	WELL LOCATION <i>WNW OF Richfield Ks</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>0203</i>					

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<i>000-117</i>		<i>1</i>			<i>MILEAGE</i>	<i>136</i>	<i>Miles</i>	<i>1</i>	<i>2 75</i>	<i>374 00</i>	
<i>001-016</i>		<i>1</i>	<i>ORIGINAL</i>		<i>Pump charge</i>	<i>1</i>	<i>FT</i>			<i>890 00</i>	
<i>030-018</i>		<i>1</i>	<i>ORIGINAL</i>		<i>Sw. Top Plug</i>	<i>1</i>	<i>Each</i>	<i>8 3/8</i>	<i>130 00</i>	<i>130 00</i>	
<i>16 A</i>	<i>830-2171</i>	<i>1</i>	<i>ORIGINAL</i>		<i>Guide shoe</i>	<i>1</i>	<i>Each</i>	<i>8 3/8</i>	<i>161 00</i>	<i>161 00</i>	
<i>24 A</i>	<i>815-19502</i>	<i>1</i>	<i>ORIGINAL</i>		<i>Insert float</i>	<i>1</i>			<i>171 00</i>	<i>171 00</i>	
<i>27</i>	<i>815-19415</i>	<i>1</i>	<i>ORIGINAL</i>		<i>Fillup</i>	<i>1</i>			<i>55 00</i>	<i>55 00</i>	
<i>40</i>	<i>806-61048</i>	<i>1</i>			<i>Centralizers</i>	<i>3</i>			<i>65 00</i>	<i>195 00</i>	
<i>320</i>	<i>806-70060</i>	<i>1</i>			<i>Basket</i>	<i>1</i>			<i>122 00</i>	<i>122 00</i>	
<i>350</i>	<i>890-11802</i>	<i>1</i>			<i>Hand weld A</i>	<i>1</i>	<i>LB</i>		<i>14 50</i>	<i>14 50</i>	

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 CONSERVATION DIVISION
 WICHITA KS

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 <i>X John Shreeve</i> DATE SIGNED _____ TIME SIGNED _____ <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input checked="" type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN	SURVEY <input checked="" type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	PAGE TOTAL <i>2112 50</i> FROM CONTINUATION PAGE(S) <i>5779 56</i> SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	
	TYPE LOCK _____ DEPTH _____ BEAN SIZE _____ SPACERS _____ TYPE OF EQUALIZING SUB. _____ CASING PRESSURE _____	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? <input checked="" type="checkbox"/> WE UNDERSTOOD AND MET YOUR NEEDS? <input checked="" type="checkbox"/> OUR SERVICE WAS PERFORMED WITHOUT DELAY? <input checked="" type="checkbox"/> WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? <input checked="" type="checkbox"/> ARE YOU SATISFIED WITH OUR SERVICE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
	TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____ TREE CONNECTION _____ TYPE VALVE _____	<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>John Shreeve</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X John Shreeve</i>	HALLIBURTON OPERATOR/ENGINEER <i>Dennis Gore</i>	EMP # <i>59179</i>	HALLIBURTON APPROVAL
---	--	--	--------------------	----------------------



HALLIBURTON

TICKET CONTINUATION

DUNCAN COPY

TICKET No. 63572

HALLIBURTON ENERGY SERVICES

CUSTOMER 32 PLC APC

WELL Boekhaus Trust

DATE 10-7-94

PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT	
		LOG	ACCT	DF		U/M	U/M			
504-043	516.00272				Premium Cement 280 cu.ft. Premium 75/25 Poz	150	sk	10.61	1591.50	
504-043	516.00272				Premium Cement	210	sk	10.61	2228.10	
506-105	516.00286				Pozmix A	5180	lb	0.074	383.32	
506-121	516.00259				Gel 2%	5	sk		NC	
507-210	890.50071				Flocele 1/4# /430sk	108	lb	1.65	178.20	
509-406	890.50812				Calcium Chloride 2% /430sk	8	sk	36.75	294.00	
ORIGINAL										
500-207					SERVICE CHARGE		CUBIC FEET	453	11.35	611.55
500-306					MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		
						28,824	36	518.83	95	492

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 KANSAS CORPORATION COMMISSION
 FEB 08 1995
 CONSERVATION DIVISION
 WICHITA KS

No. B 262987

CONTINUATION TOTAL



JOB SUMMARY

HALLIBURTON DIVISION Mid Continent
HALLIBURTON LOCATION Liberal KS

BILLED ON TICKET NO. 635296

WELL DATA

FIELD _____ SEC S TWP 32S RNG. 41W COUNTY Montez 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>15.5</u>	<u>5 1/2</u>	<u>1513</u>	<u>2417</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 7/8</u>	<u>GL.</u>	<u>2460</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-11-94</u>	DATE <u>10-11-94</u>	DATE <u>10-11-94</u>	DATE <u>10-11-94</u>
TIME <u>0830</u>	TIME <u>1040</u>	TIME <u>1418</u>	TIME <u>1510</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Poyer</u>	<u>40048</u>	<u>P.O. Liberal, KS</u>
<u>J. Woodson</u>	<u>#48120</u>	<u>" "</u>
<u>P. Hamilton</u>	<u>#62573</u>	<u>" "</u>
<u>J. Adair</u>	<u>4515</u>	<u>Bulk Hugoton, KS</u>
	<u>#33090</u>	<u>" "</u>
	<u>#33813</u>	<u>Bulk " "</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>INSEAT/Fillup 5 1/2</u>		<u>Hawco</u>
GUIDE SHOE <u>REG</u>	<u>"</u>	<u>"</u>
CENTRALIZERS <u>REG</u>	<u>"</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>5W</u>	<u>"</u>	<u>"</u>
HEAD <u>M.F</u>	<u>"</u>	<u>"</u>
PACKER		
OTHER <u>weld-A</u>	<u>"</u>	<u>"</u>

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 _____

OTHER _____

DEPARTMENT

DEPARTMENT 5001

DESCRIPTION OF JOB Set 5 1/2 L.S. - 10bb 2% kcl, 30 bb mud flush, 10bb 2% kcl, 220sx PP, 42 sx PP - Displ H2O

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X John Shiss

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>220</u>	<u>PP</u>		<u>B</u>	<u>20% Diacal-D, 2% CC, 1/4% Floccle</u>	<u>2.69</u>	<u>12</u>
	<u>40</u>	<u>PP</u>		<u>B</u>	<u>10% Diacal-D, 2% CC, 1/4% Floccle</u>	<u>2.09</u>	<u>13</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESULUST BBL.-GAL. 10, 30, 10 TYPE 2% kcl, 30 MF, 20 kcl

BREAKDOWN _____ KANSAS CORPORATION COMMISSION LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 56

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY BBL.-GAL. 105 + 14

HYDRAULIC HOSE POWER FEB 08 1995 TOTAL VOLUME: BBL.-GAL. 22.5

ORDERED _____ AVAILABLE _____ USED _____ REMARKS CEMENT TO SURFACE

AVERAGE RATES IN BPM _____ CONSERVATION DIVISION _____

TREATING _____ DISPL. _____ WICHITA OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 45 REASON Shoe Joint

CUSTOMER Hughes
LEASE Bokehms
WELL NO. A-1
JOB TYPE 5 1/2 L.S.
DATE 10-11-94



CHARGE TO: Aradaako Pct. Corp
 ADDRESS:
 CITY, STATE, ZIP CODE:

COPY
 No. 635296 - 2
 TICKET OSP
 PAGE 1 OF 2

FORM 1906 R-13

SERVICE LOCATIONS 1. <u>25540</u>	WELL/PROJECT NO. <u>A-1</u>	LEASE <u>Boekhaus Trust</u>	COUNTY/PARISH <u>Morton</u>	STATE <u>Ks</u>	CITY/OFFSHORE LOCATION	DATE <u>10-11-94</u>	OWNER
2. <u>25535</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>NORSEMAN</u>	RIG NAME/NO. <u>#2</u>	SHIPPED VIA <u>ET</u>	DELIVERED TO <u>well site</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. <u>02</u>	<u>01</u>	<u>035</u>			<u>LAND (5-325-41.0)</u>		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
<u>000-017</u>	ORIGINAL				MILEAGE	<u>Rnd. Trip</u>	<u>EA mi</u>	<u>26 mi</u>	<u>2.75</u>	<u>198.00</u>
<u>001-016</u>					Pump Chg		<u>6 hrs</u>	<u>24.17/hr</u>		<u>1395.00</u>
<u>030-018</u>					Top plug		<u>1 EA</u>	<u>5 1/2 in.</u>		<u>65.00</u>
<u>314-163</u>					Clay Fix II		<u>EA gal</u>	<u>2 gal</u>	<u>24.00</u>	<u>48.00</u>
<u>018-315</u>					Med Flush		<u>EA gal</u>	<u>1260 gal</u>	<u>.65</u>	<u>819.00</u>
<u>12A</u>		<u>825.205</u>			5/8 Guide Shoe		<u>1 EA</u>	<u>5 1/2 in.</u>		<u>121.00</u>
<u>24A</u>		<u>815.19251</u>			insert					<u>110.00</u>
<u>27</u>		<u>815.19311</u>			Fill-up					<u>55.00</u>
<u>40</u>		<u>806.60022</u>			Cent.		<u>14 gal</u>		<u>44.00</u>	<u>616.00</u>
<u>350</u>					Well A		<u>EA lb</u>	<u>1 lb</u>	<u>14.50</u>	<u>14.50</u>

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEE 0 8 1995
 CONSERVATION DIVISION
 WICHITA, KS

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

DATE SIGNED: _____ TIME SIGNED: _____ A.M. P.M.

1 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: <input type="checkbox"/> AGREE <input type="checkbox"/> UN-DECIDED <input type="checkbox"/> DIS-AGREE	
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	PAGE TOTAL <u>3441.50</u>
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	FROM CONTINUATION PAGE(S) <u>6273 8K</u>
TUBING SIZE	TUBING PRESSURE	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <u>7.15 8K</u>
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): X

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): Tom Payne

HALLIBURTON OPERATOR/ENGINEER: 48120

HALLIBURTON APPROVAL:

