

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

ORIGINAL

API NO. 15- 163-232840000

County Rooks

SE - SW - NE Sec. 32 Twp. 8S Rge. 17W

2300 Feet from SW (circle one) Line of Section

1700 Feet from EW (circle one) Line of Section

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

Lease Name Stamper C Well # 10

Field Name Dopita

Producing Formation LKC

Elevation: Ground 1980' KB 1985'

Total Depth 3420' PBDT

Amount of Surface Pipe Set and Cemented at 1300' Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 2-10-97
(Data must be collected from the Reserve Pit)

Chloride content 82,000 ppm Fluid volume 380 bbls

Dewatering method used Left to dry

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 03218

Name: American Trading & Prod. Corp.

Address 7676 Hillmont, Suite 350

City/State/Zip Houston, Texas 77040

Purchaser: KOCH

Operator Contact Person: Donald W. Garrett

Phone (713) 460-2355

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: FRED WALSH

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:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

9-9-96 9-13-96 9-13-96
Spud Date Date Reached TD Completion Date

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 Donald W. Garrett Donald W. Garrett

Title Operations Manager Date 12/10/96

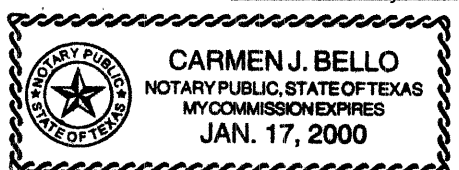
Subscribed and sworn to before me this 10th day of December, 19 96.

Notary Public Carmen J. Bello

Date Commission Expires Jan. 17, 2000

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)



SIDE TWO

Operator Name American Trading and Production Corp.

Lease Name Stamper "C" Well # 10

Sec. 32 Twp. 8S Rge. 17
 East
 West

County Rooks

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: Oil focused
GR
Z-Densilog/Comp.Nuetron
Minilog
Caliper

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka	2880	- 899
Toronto	3116	-1135
Lansing-Kansas City	3134	-1153
Marmaton	3367	-1386
Arbuckle	3417	-1436

CASING RECORD <input type="checkbox"/> New <input checked="" 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	1300'	HLC	300	3% CC 1/4# Floseal/Sk
					STD	145	3% CC
Production	7-7/8	5-1/2"	15.5	3420'	STD	145	5% Galseal 5#/sk Gilsonite

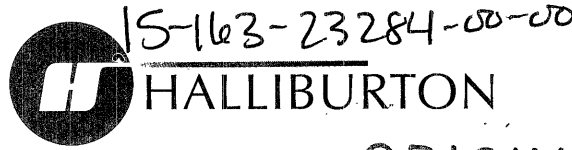
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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	3334'-51', 3290'-3302', 3231'-40', 3173'-77'	10,000 gal 15% HCL NEFE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8	3349	--	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
10-4-96			<input type="checkbox"/> Flowing <input checked="" 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	Gravity
	44	0	67	---	34

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3173'-3351' O. A.
 Other (Specify) _____

CUSTOMER COPY



REMIT TO:
P.O. BOX 971048
DALLAS TX 75395-1048

ORIGINAL

INVOICE NO.	DATE
103686	09/13/1996

WELL LEASE NO./PROJECT STAMPEL "C" 10		WELL/PROJECT LOCATION ROOSE		STATE KS	OWNER SANK
SERVICE LOCATION HAYS		CONTRACTOR VONFELDT DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 09/13/1996
ACCT. NO. 018600	CUSTOMER AGENT DAVID FANT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 13675

DIRECT CORRESPONDENCE TO:

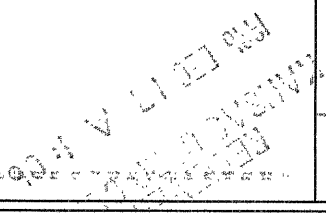
AMERICAN BEADING & PROD. CORP
409 S COLORADO STREET
PLATYVILLE, KS 67663

P O BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MTW CONTINENT					
000-227	MILEAGE CEMENTING ROUND TRIP	68 MI		2.99	203.32
		1 UNT			
001-016	CEMENTING CASING	3420 FT		1.545 00	1,545.00
		1 UNT			
174	GUIDE SHOE - 5 1/2" BRD THD.	1 EA		121.00	121.00
435-205					
248	INSERT FLOAT VALVE - 5 1/2" BRD	1 EA		131.00	131.00
405-1024					
40	CENTRALIZER-5-1/2 X 7-7/8	7 EA		60.00	420.00
806-80027					
66	CLAMP LINE-5-1/2 HINGED	1 EA		11.00	11.00
806-27030					
050-016	CEMENTING PUG SW ALUM TOP	5.5 IN		60.00	60.00
		1 EA			
078-215	WHD PUMP	640 GAL		.85	546.00
804-408	WARRANTY - STANDARD	145 SR		9.57	1,387.65
808-107	CAL WEAR 60	7 SR		25.90	181.30
805-068	SALT	650 LB		.15	97.50
808-241	DIATOMITE MUD	225 LB		.90	200.00
802-225	HALAL-322	102 LB		7.00	714.00
800-267	WEEK SERVICE CHARGE	177 CFT		1.35	238.95
800-305	MILEAGE ONTO MAT DEL OR RETURN	268.719 TMI		1.05	282.15

INVOICE SUBTOTAL 6,278.87
 DISCOUNT-(DID) 1,972.59-
 INVOICE NET AMOUNT 4,256.28
 * KANSAS STATE SALES TAX 126.52
 * HAYS CITY SALES TAX 25.02

INVOICE TOTAL - PLEASE PAY THIS AMOUNT 4,407.82



APPLY JOB 387

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.



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO:
 ADDRESS: *Amesbury Field*
 CITY, STATE, ZIP CODE: *WICHITA, KANSAS 67201*

CUSTOMER COPY

TICKET

No.

103686 - 0

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Wichita</i>	WELL/PROJECT NO. <i>110</i>	LEASE <i>Stromme C</i>	COUNTY/PARISH <i>Wichita</i>	STATE <i>KS</i>	CITY/OFFSHORE LOCATION	DATE <i>9-13-96</i>	OWNER <i>Same</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>Venture Dy</i>	RIG NAME/NO.	SHIPPED VIA <i>LA</i>	DELIVERED TO <i>Le...</i>	ORDER NO.
3.	WELL TYPE <i>01</i>	WELL CATEGORY <i>CR</i>	JOB PURPOSE <i>025</i>	WELL PERMIT NO. <i>1516322-40000</i>	WELL LOCATION <i>S. 37 S. 17W</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS <i>30</i>					

15-163-23284-02-00

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000 117		1			MILEAGE "51727" (R70)	68	mi	1	log	2.70	203.20
001 016		1			Pump Service	2432	ft.	1	ea	1545.00	1,545.00
12A	875 205	1			Concl. Shoe	1	ea	54	ea	121.00	121.00
24A	815 19731	1			Inlet Flow Valve	1	ea	121	ea	121.00	121.00
40	804 6022	1			54 Control Valve	7	ea	57	ea	60.00	420.00
66	804 72030	1			Clamp	1	ea	34	ea	11.00	11.00
020 016		1			Swl Top Plug	1	ea	54	ea	60.00	60.00
018 315		1			11/4" Plug	840	ft.			65.00	546.00

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

David Cant

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 3,637 32
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 3,191 55
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?				SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 6,228 87
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 checked="" 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>David Cant</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X</i>	HALLIBURTON OPERATOR/ENGINEER <i>Justin B. [Signature]</i>	EMP # <i>16419</i>	HALLIBURTON APPROVAL
--	--	---	-----------------------	----------------------

TERMS AND CONDITIONS

(1295)

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the 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.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



TICKET CONTINUATION CUSTOMER COPY

TICKET No. 1

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER: American Trading
 WELL: Stammer "c" 10
 DATE: 9-13-96
 PAGE: 2 OF 2

15-163-23284-00-52

ORIGINAL

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-308		1			Standard Cement	145	sk			9.57	1387	65
508-127		1			Gal Seal	7	sk			25.90	181	30
509-968		1			Salt 10%	650	lb			15	97	50
508-291		1			Oilsonite	725	lb			40	290	00
507-775		1			Halad 322	102	lb			7.00	714	00
500-207		1			SERVICE CHARGE							
					MILEAGE CHARGE							
					TOTAL WEIGHT							
					LOADED MILES							
					CUBIC FEET							
					TON MILES							

15-163-23284-00-52

No. B 339999

CONTINUATION TOTAL 3,191.56



JOB SUMMARY

HALLIBURTON DIVISION *Mid Continent*
 HALLIBURTON LOCATION *Hay, K.*

15-163-23284-00-00

BILLED ON TICKET NO. *102086*

WELL DATA

FIELD _____ SEC. *32* TWP. *8^s* RNG. *17^w* COUNTY *Rock* STATE *K.*

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 *3420*

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<i>14</i>	<i>5.5</i>	<i>KB</i>	<i>3420</i>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <i>9-13-96</i>	DATE <i>9-13-96</i>	DATE <i>9-13</i>	DATE <i>9-13</i>
TIME <i>1300</i>	TIME <i>1730</i>	TIME <i>1955</i>	TIME <i>2200</i>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <i>2 1/2" AT 5 1/2"</i>	<i>1</i>	<i>HALLCO</i>
FLOAT SHOE		
GUIDE SHOE <i>Reg</i>	<i>1</i>	
CENTRALIZERS <i>S3</i>	<i>7</i>	
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER <i>Clamp</i>	<i>1</i>	

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 _____

ORIGINAL

DEPARTMENT *Oil*
 DESCRIPTION OF JOB *Cement 5% Perforator Csg.*
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE *X Daniel J. Faut*
 HALLIBURTON OPERATOR *Reg. B. Lytle* COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<i>145</i>	<i>EA2</i>		<i>B</i>	<i>5% Celcol, 10% S-11, 5% G. Swank, 3/4% 1101 AD 322</i>	<i>1.36</i>	<i>13.5</i>

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 *33'* REASON *Shut Job*

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. *840* TYPE *Mud 1/2"*
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. *88*
 CEMENT SLURRY: BBL.-GAL. *35*
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

See Chart + Job Log
Thick w. Reg

CUSTOMER *American Indian*
 LEASE *Shawnee*
 WELL NO. *10*
 JOB TYPE *Long Term*
 DATE *9-13-96*

15-163-23284 -00-00



DATE 9-13-76 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER *Amoco Trading* WELL NO. *10* LEASE *Stamps C* JOB TYPE *Long Story* TICKET NO. *103686*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	15:30							Called out
	17:30							on loc set up truck big laying down RCT hole
	17:50							Start 5 1/2" Production Csg. in hole Cent. 10' up from Bottom with clamp Cent. on collar #2, #3, #4, #5, #6, #7 Insert Float Valve with out filling tube
	18:40							50 Jars in hole fill pipe + Circ-hole
	19:55							Csg. on Bottom Circ-hole
	20:20	4.5	20					Start 840 gal Mid Flow Reagent Csg.
	20:30							Plug RCT hole + Plug hole
	20:40	5	35					Start mixing 145 lb EA 2 out Reagent Csg.
	20:50							Finished mixing wash out pump + loc
	21:00	6	8130					Release Top Plug + Dip. Reagent Csg. Plug down 1200 ft building Release pump. Float hold wash + load up truck
	22:00							Job Complete

ORIGINAL

REC'D
SEP 17 A 1:05

*Hand too
Rays*

CUSTOMER COPY



REMIT TO:
 P.O. BOX 951044
 DALLAS TX 75295-1044

INVOICE

INVOICE NO.	DATE
103738	09/10/1996

15-163-23284-00-00

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
BLANDED "C" 10		ROOKS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		VONFELDT DRILLING	CEMENT SURFACE CASING		09/10/1996
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018600	DAVID FANE			COMPANY TRUCK	13496

DIRECT CORRESPONDENCE TO:

AMERICAN GRADING & PROD. CORP
 404 B COLORADO STREET
 BERLINVILLE, KS 67663

P.O. BOX 428
 HAYS KS 67801
 913-625-3431

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	PRICING AREA - MID CONTINENT				
000-117	MILEAGE CEMENTING ROUND TRIP	68 MI		2.99	203.32
		1 UNT			
001-014	CEMENTING CASING	1300 FT		1,180.00	1,180.00
		1 UNT			
021-015	CEMENTING PLUG SW, PLASTIC TOP	8 5/8 IN		130.00	130.00
		1 EA			
033-016	ROBERT STOUT VALVE - 8 5/8" BPD	1 EA		221.00	221.00
015-10507					
077-017	ROLO-UP UNIT 2" - 8 5/8"	1 EA		64.00	64.00
015-114414					
010-018	CENTRALIZER 8-5/8" X 12 25"	4 EA		72.00	288.00
007-91019					
015-019	PATCHER LIMIT CLAMP 8 5/8"	1 EA		15.00	15.00
006-72059					
004-116	CENPIFY - HALF LIGHT STANDARD	300 SK		8.80	2,640.00
007-119	FLOCKER	75 LB		1.65	123.75
003-406	ANHYDROUS CALCIUM CHLORIDE	12 SK		40.75	489.00
004-308	CEMENT - STANDARD	144 SK		9.57	1,387.65
000-207	BULK SERVICE CHARGE	474 CFT		1.35	639.90
000-306	MILEAGE CMFG MAT DEL OR RETURN	692.070 TMI		1.05	726.67
INVOICE SUBTOTAL					5,108.29
DISCOUNT - (810)					2,639.87
INVOICE BID AMOUNT					5,468.42
* KANSAS STATE SALES TAX					221.84
* HAYS CITY SALES TAX					45.28
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,735.54

90-1 V LI 300 RM
 1000-1000 SYSTEM
 1000-1000 SYSTEM

APPLY JOB TKT

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.

FORM HAL-1900-F

PAGE: 1



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO:
 ADDRESS: *1000...*
 CITY, STATE, ZIP CODE: *PO BOX 431 HOLDWELL, OK 78548*

CUSTOMER COPY

TICKET

No.

103738 - 8

PAGE 1 OF 2

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. <i>WV, KS</i>	<i>10</i>	<i>STAMPER "C"</i>	<i>ROCKS A & B</i>	<i>KS</i>		<i>9-10-96</i>	<i>SAME</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <i>VONFELDT DRILLING</i>	RIG NAME/NO	SHIPPED VIA <i>53293</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO
3.	WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	JOB PURPOSE <i>010</i>	WELL PERMIT NO <i>15163232840000</i>	WELL LOCATION <i>32 - 85 - 17W</i>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

15-163-23284-00-00

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF									
000-117		1			MILEAGE			<i>68</i>	<i>mi</i>	<i>1</i>	<i>mi</i>	<i>2.99</i>	<i>203.32</i>
001-016		1			PUMP SERVICE			<i>1300</i>	<i>FT</i>	<i>6</i>	<i>hrs</i>	<i>1180.00</i>	<i>1180.00</i>
030-018		1			SW-TOP PLUG			<i>1</i>	<i>EA</i>	<i>8 7/8"</i>		<i>130.00</i>	<i>130.00</i>
<i>24</i>	<i>815.19502</i>	1			ESSEAT FLOAT VALVE			<i>1</i>	<i>EA</i>	<i>8 7/8"</i>		<i>221.00</i>	<i>221.00</i>
<i>27</i>	<i>815.19415</i>	1			AUTO FILL UP UNIT			<i>1</i>	<i>EA</i>			<i>64.00</i>	<i>64.00</i>
<i>40</i>	<i>807.93059</i>	1			CENTRALIZERS S-4			<i>4</i>	<i>EA</i>	<i>8 7/8"</i>		<i>72.00</i>	<i>288.00</i>
<i>66</i>	<i>807.61056</i>	1			FAS GEND CLAMP			<i>1</i>	<i>EA</i>	<i>8 7/8"</i>		<i>13.75</i>	<i>13.75</i>
												<i>15.00</i>	<i>15.00</i>

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS <input checked="" type="checkbox"/> <i>David Faust</i> DATE SIGNED: <i>9-10-96</i> TIME SIGNED: <i>1030</i> <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M. <input 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 AGREE UN-DECIDED DIS-AGREE	PAGE TOTAL <i>2101.32</i> <i>2100.07</i>	
	TYPE LOCK DEPTH BEAN SIZE SPACERS	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS?		FROM CONTINUATION PAGE(S) <i>6006.97</i>
	TYPE OF EQUALIZING SUB. CASING PRESSURE TUBING SIZE TUBING PRESSURE WELL DEPTH	OUR SERVICE WAS PERFORMED WITHOUT DELAY? 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 checked="" type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE <i>8108.29</i> <i>8107.01</i>

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>DAVID FAUST</i>	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>X David Faust</i>	HALLIBURTON OPERATOR/ENGINEER <i>WASE WILSON</i>	EMP # <i>89317</i>	HALLIBURTON APPROVAL
---	--	---	-----------------------	----------------------

TERMS AND CONDITIONS

(1295)

For good and valuable consideration received, Customer (as identified on the face of this document) and Halliburton Energy Services, a division of Halliburton Company (hereinafter "Halliburton") agree as follows:

A. **CUSTOMER REPRESENTATION** - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton.

B. **PRICE AND PAYMENT** - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. 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 the 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.

C. **RELEASE AND INDEMNITY** - CUSTOMER AGREES TO RELEASE HALLIBURTON GROUP FROM ANY AND ALL LIABILITY FOR ANY AND ALL DAMAGES WHATSOEVER TO PROPERTY OF ANY KIND OWNED BY, IN THE POSSESSION OF, OR LEASED BY CUSTOMER AND THOSE PERSONS AND ENTITIES CUSTOMER HAS THE ABILITY TO BIND BY CONTRACT. CUSTOMER ALSO AGREES TO DEFEND, INDEMNIFY, AND HOLD HALLIBURTON GROUP HARMLESS FROM AND AGAINST ANY AND ALL LIABILITY, CLAIMS, COSTS, EXPENSES, ATTORNEY FEES AND DAMAGES WHATSOEVER FOR PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE AND LOSS RESULTING FROM:

LOSS OF WELL CONTROL; SERVICES TO CONTROL A WILD WELL WHETHER UNDERGROUND OR ABOVE THE SURFACE; RESERVOIR OR UNDERGROUND DAMAGE, INCLUDING LOSS OF OIL, GAS, OTHER MINERAL SUBSTANCES OR WATER; SURFACE DAMAGE ARISING FROM UNDERGROUND DAMAGE; DAMAGE TO OR LOSS OF THE WELL BORE; SUBSURFACE TRESPASS OR ANY ACTION IN THE NATURE THEREOF; FIRE; EXPLOSION; SUBSURFACE PRESSURE; RADIOACTIVITY; AND POLLUTION AND ITS CLEANUP AND CONTROL.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS WILL APPLY EVEN IF THE LIABILITY AND CLAIMS ARE CAUSED BY THE SOLE, CONCURRENT, ACTIVE OR PASSIVE NEGLIGENCE, FAULT, OR STRICT LIABILITY OF ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, THE UNSEAWORTHINESS OF ANY VESSEL OR ANY DEFECT IN THE DATA, PRODUCTS, SUPPLIES, MATERIALS OR EQUIPMENT FURNISHED BY HALLIBURTON GROUP WHETHER IN THE DESIGN, MANUFACTURE, MAINTENANCE OR MARKETING THEREOF OR FROM A FAILURE TO WARN OF SUCH DEFECT. "HALLIBURTON GROUP" IS DEFINED AS HALLIBURTON, ITS PARENT, SUBSIDIARY, AND AFFILIATED COMPANIES AND ITS/THEIR OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS. CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS OBLIGATIONS APPLY WHETHER THE PERSONAL INJURY, ILLNESS, DEATH, PROPERTY DAMAGE OR LOSS IS SUFFERED BY ONE OR MORE MEMBERS OF THE HALLIBURTON GROUP, CUSTOMER, OR ANY OTHER PERSON OR ENTITY AND THE CUSTOMER WILL SUPPORT SUCH OBLIGATIONS ASSUMED HEREIN WITH LIABILITY INSURANCE TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW.

D. **EQUIPMENT LIABILITY** - Customer shall at its risk and expense attempt to recover any Halliburton equipment lost or lodged in the well. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless such loss is caused by Halliburton's sole negligence. If a radioactive source becomes lost or lodged in the well, this agreement will constitute Customer's written agreement under 10 CFR Sec. 39.15 (a) that Customer shall be responsible for meeting all requirements of 10 CFR Sec. 39.15 and any other applicable laws or regulations concerning retrieval, monitoring, decontamination and abandonment, and Customer shall permit Halliburton to observe the recovery or abandonment efforts, all without risk or expense to Halliburton. Customer shall be responsible for damage to or loss of Halliburton equipment, products, and materials while in transit aboard Customer-supplied transportation, even if such is arranged by Halliburton at Customer's request and during loading and unloading from such transport. Customer will also pay for the repair or replacement of Halliburton equipment damaged by corrosion or abrasion due to well effluents.

E. **LIMITED WARRANTY** - Halliburton warrants only title to the equipment, products, and materials supplied under this agreement and that same are free from defects in workmanship and materials for one year from date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's sole liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale, lease or use of any equipment, products, or materials is expressly limited to the replacement of such on their return to Halliburton or, at Halliburton's option, to the allowance to Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, consequential, or punitive damages. Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, HALLIBURTON IS UNABLE TO GUARANTEE THE EFFECTIVENESS OF THE EQUIPMENT, MATERIALS, OR SERVICE, NOR THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HALLIBURTON. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and CUSTOMER SHALL INDEMNIFY HALLIBURTON GROUP AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed to by Halliburton's negligence or fault. Halliburton also does not warrant the accuracy of data transmitted by electronic process, and Halliburton will not be responsible for accidental or intentional interception of such data by third parties.

F. **GOVERNING LAW** - The validity, interpretation and construction of this agreement shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. **WAIVER** - Customer agrees to waive the provisions of the Texas Deceptive Trade Practices-Consumer Protection Act or any similar federal or state statute to the extent permitted by law.

H. **MODIFICATIONS** - Customer agrees that Halliburton shall not be bound by any modifications to this agreement, except where such modification is made in writing by a duly authorized executive officer of Halliburton. Requests for modifications should be directed to the Vice President - Legal, 5151 San Felipe, Houston, Texas 77056.



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MUD CONTAMINANT 15-1/2-3-23240000
HAYS, KS
BILLED ON TICKET NO. 103733

WELL DATA

FIELD _____ SEC. 32 TWP. 8s RNG. 17w COUNTY ROCKS STATE KS

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<input checked="" type="checkbox"/>	28	8 5/8	KB	1300	
LINER						
TUBING						
OPEN HOLE			12 1/4	1300	1300	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 9-10	DATE 9-10	DATE 9-10	DATE 9-10
TIME 0830	TIME 1000	TIME 1140	TIME 1400

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
INSERT FLOAT	1	Houko
FLOAT SHOE AUTO FALL UP	1	"
GUIDE SHOE		
CENTRALIZERS S-4	4	"
BOTTOM PLUG		
TOP PLUG SW	1	"
HEAD PC	1	"
PACKER		
OTHER CLAMP	1	"

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. WILSON	39604	HAYS, KS
T. KOEHLER	522937	"
T. KOEHLER	51252-7102	"
C. DOBSON	52418	"

ORIGINAL

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 5/8" SURFACE
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X DAVID FAUT
 HALLIBURTON OPERATOR Wayne EWE COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	300	HK		B	14# FLOCEL PKX 390CC	1.83	13.7
	145	STANDARD		B	390CC	1.20	15.61

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. 78.8
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY (BBL.-GAL.) 97.8 - 31 = 128.8
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME (BBL.-GAL.) _____

ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 40' REASON INSERT

REMARKS

SEE CHART - JOB LOG
 THANK YOU

CUSTOMER AMERICAN TUBING & TOOL CO. LEASE STAMPER 13 WELL NO. 13 JOB TYPE 8 5/8" SURFACE DATE 9-10-96



JOB LOG HAL-2013-C

CUSTOMER: AMERZAJ TRADING
 WELL NO.: 10
 LEASE: STAMPER "C"
 JOB TYPE: 8 5/8" SURFACE
 TICKET NO.: 103738

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							CALLED OUT
	1000							ON LOCATION - DISCUSS JOB PROCEDURE
	1130							DROP-BALL BREAK CIRCULATION - MOD PUMP
1	1140	6 1/2	128.8		✓		300	MAX CEMENT
	1213							RELEASE PLUG
	1214	6 1/2	0		✓		500	DISPLACE PLUG
	1231						750	PLUG DOWN
								CIRCULATED 30 SEC CMT. TO PRT
	1233							RELEASE PSE
								OK FLOAT HELD
								WASH-UP
								BACK-UP
								ANOTHER JOB READY NOW
								DO TICKETS 20 YARD TOWNSHIP
	1400							JOB COMPLETE

THANK YOU
 WAKE, TOM, CRAIG