

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

API NO. 15- 163-232810000 **ORIGINAL**

County Rooks
- NW - SE - NE Sec. 32 Twp. 8 Rge. 17W ^E _W

Operator's License # 3218

Name: American Trading & Prod. Corp.

Address 7676 Hillmont, Suite 350

City/State/Zip Houston, Texas 77040

Purchaser: N/A

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 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 _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

8-15-96 8-22-96 8-22-96
Spud Date Date Reached TD Completion Date

1660 Feet from S (circle one) Line of Section
830 Feet from D/W (circle one) Line of Section

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

Lease Name Stamper "E" Well # 6

Field Name Dopita

REPRESSURED
Producing Formation LKC "I" & "K"

Elevation: Ground 1949 KB 1954

Total Depth 3400' PBDT _____

Amount of Surface Pipe Set and Cemented at 1270 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 ALT 1 974 2-10-97
(Data must be collected from the Reserve Pit)

Chloride content 71,000 ppm Fluid volume 385 bbls

Dewatering method used Allowed 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. _____

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

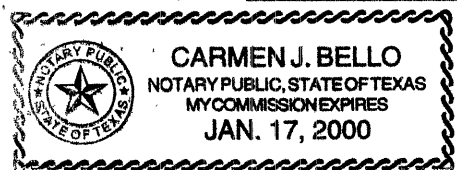
Subscribed and sworn to before me this 10th day of December, 19 96.

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 "E" Well # 6

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2850'	- 896
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3085'	-1131
List All E.Logs Run:	Oil focused	Lansing-Kansas City	3105'	-1151
	GR	Marmaton	3338'	-1384
	Z-Densilog/Comp.Nuetron	Arbuckle	3395'	-1441
	Minilog			
	Caliper			

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	14-3/4	10-3/4"	40.5	1270'	HLC	440	3% CC 1/4# Floseal/sk
					STD	195	3% CC
Production	9-7/8"	7"	23 & 26	3400'	STD	220	5% Calseal 10% Salt 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	3313'-20', 3302'-08', 3262'-74'	5000 gal. 15% HCL NEFE	3262'-3320

TUBING RECORD		Size 2-3/8"	Set At 3290' & 3198' (dual)	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 9-22-96			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Conmingled Other (Specify) Injection well

INJECTION - Production Interval: 3262'-3274'
3302'-3308'
3313'-3320'



HALLIBURTON

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 123456-X

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER American Trading & Production

WELL Stamper E-6

DATE 8-22-96

PAGE 2 OF 2

ORIGINAL

15-163-23281-00-00

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-308		1			Standard cement	220				9 57	2,105	40
509-968		1			Salt	950	1b			15	142	50
508-127		1			Cal Seal	11				25 90	284	90
508-291		1			Gilsonite	1100	1b			40	440	00
507-775		1			Malad-322	135	1b			7 00	1,085	00
500-207		1			SERVICE CHARGE					1 35	365	85
500-3086		1			MILEAGE CHARGE					1 05	426	13
					TOTAL WEIGHT	23,985						
					LOADED MILES	34						
					TON MILES	607.745						

CONTINUATION TOTAL 4,841.78

No. B 339964

4351.18

CUSTOMER COPY



15-163-23281-00-75

REMIT TO:
BOX 951040
DALLAS, TX 75395-1040

HALLIBURTON

ORIGINAL

INVOICE NO.	DATE
103938	08/22/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DENNER "E" G		ROOKS		KS	HARB
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		VONFLOT DRLO	CEMENT PRODUCTION CASING		08/22/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
01800	DAVID BANT			COMPANY TRUCK	12631

DIRECT CORRESPONDENCE TO:

AMERICAN TRAINING & PROD. CORP
P.O. BOX 431
HOLDENVILLE, OK 74848

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

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		
601-018	CEMENTING CASING	1403	FT	1,545.00	1,545.00
		1	UNT		
030-018	CEMENTING PEGG GW, PLASTIC TOP	2	LN	85.00	85.00
		1	BA		
150	SHOCK SHOW - 7" BND THD.	1	BA	157.00	157.00
095-212					
21A	EXCPT FLOAT VALVE - 7" BND	1	BA	163.00	163.00
030-19001					
40	CENTRALIZER-7 X 5-7/8	8	BA	95.00	520.00
040-160045					
05	CLAMP-LIMIT-7-FRICT-W/DOCS	1	BA	17.00	17.00
000-23740					
018-018	MUD PLOSS	500	GAL	.65	325.00
030-200	CEMENT - STANDARD	220	SK	9.57	2,105.40
030-300	AGLT	950	LB	.15	142.50
100-127	GAL SEAL 60	17	SK	25.90	284.90
008-291	CYCLON/TK BULK	1100	LB	.40	440.00
007-278	BLEAD-122	355	LB	7.00	1,085.00
000-200	BULK SERVICE CHARGE	271	CFT	1.35	365.85
000-300	ALLPAGE COSTS MAT DEL OR RETURN	407.745	TM1	1.05	428.13
INVOICE SUBTOTAL					7,867.10
DISCOUNT (BID)					2,513.41
INVOICE BID AMOUNT					5,353.69
KANSAS STATE SALES TAX					186.34
HAYS CITY SALES TAX					38.04
INVOICE TOTAL PLEASE PAY THIS AMOUNT					55,524.07

11-11-95
HALLIBURTON

APPX 109 287

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: **ATAPCO**
 ADDRESS: **1331 Lamar Suite 1250**
 CITY, STATE, ZIP CODE: **Houston, Texas 77010**

CUSTOMER COPY

TICKET

No.

103938 - X

PAGE 1 OF 2

SERVICE LOCATIONS 1. Hays, Ks	WELL/PROJECT NO. #6	LEASE Stamper 'E'	COUNTY/PARISH Rooks	STATE Ks	CITY/OFFSHORE LOCATION	DATE 8-22-96	OWNER Same
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR Vonfeldt Drilling	RIG NAME/NO. #1	SHIPPED VIA 51797	DELIVERED TO Well Site	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION 32-8^s-17^w		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS 30					

02-05-18232-371-51

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE (RTM51797)	68	mi.			2.99	203.32
001-016		1			Pump Charge	3403	FT.			1545.00	1545.00
030-018		1			Top Plug	1	ea.	7	in.	85.00	85.00
12A	825.212	1		35	Guide Shoe	1	ea.	7	in.	157.00	157.00
24A	815.19401	1		40	Insert Float Valve	1	ea.	7	in.	163.00	163.00
40	806.68045	1		55	Centralizer	8	ea.	7	in.	65.00	520.00
66	806.72740	1		25	Fas-Grip Clamp	1	ea.	7	in.	17.00	17.00
018-315		1			Mud Flush	500	gal.			.65	325.00

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

DATE SIGNED: **8-22-96** TIME SIGNED: **1240** A.M. P.M.

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 3015 32	
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				FROM CONTINUATION PAGE(S) 4851 78
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?		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 7867 10	
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)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER [Signature]	EMP # 47558	HALLIBURTON APPROVAL
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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.

CUSTOMER COPY



15-63-23281-02-00
HALLIBURTON

REMIT TO:
 P O BOX 951016
 DALLAS, TX 75395-1016

INVOICE NO.	DATE
103798	08/16/1996

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
WYANDER "B" #		HOOKS		KS	YARE
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		VONFELDT DRLO	CEMENT SURFACE CASINO		08/16/1996
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
018800	DAVID VANT			COMPANY TRUCK	12651

ORIGINAL

AMERICAN TRADING & PROD. CORP
 P O BOX 431
 HOLSBEVILLE OK 74848

DIRECT CORRESPONDENCE TO:
 P O BOX 428
 HAYS KS 67601
 913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-017	RELEASE CEMENTING ROUND TRIP	68	MT	2.99	203.32
		1	UNT		
000-016	CEMENTING CASING	1270	FT	1,180.00	1,180.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC TOP	30	3/4 IN	190.00	390.00
		1	EA		
050-019	INSERT FLOAT VALVE - 10 3/4" 80	7	EA	548.00	548.00
070-020	PILE-UP UNIT 1 5/8" - 13 7/8"	1	EA	97.00	97.00
090-021	CENTRALIZER - 10-3/4 X 14-3/4	4	EA	90.00	360.00
110-022	CEMENT - HALL. LIGHT STANDARD	410	SK	8.80	3,672.00
130-023	CEMENT - STANDARD	195	SK	9.57	1,866.75
150-024	ANHYDROUS CALCIUM CHLORIDE	14	UK	40.75	611.25
170-025	BLOCK	110	LB	1.55	181.50
190-026	HOOK SERVICE CHARGE	672	CFT	1.35	907.20
210-027	RELEASE CM7G MAT DEL OR RETURN	682.890	TMI	1.05	717.03

INVOICE SUBTOTAL

10,733.45

DISCOUNT (10%)
 INVOICE NET AMOUNT

3,472.33
 7,261.12

INVOICE TOTAL PLEASE PAY THIS AMOUNT

7,261.12

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HALLIBURTON

15-We3-23281-05-00

JOB LOG HAL-2013-C

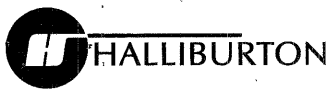
DATE 8-22-96 PAGE NO. 1

CUSTOMER ATAPCO WELL NO. # 6 LEASE Stamper E JOB TYPE Cont. 7" Prod. Csg. TICKET NO. 103938-X

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							Called out - Float Equip. Reg @ 1230 hrs.
	1205							ON LOC. - Reg @ 1230 - Rig laying down D.C.
	1221							Collars layed down - Break down Kelly - PT - BM loc
	1408							Start 7" Csg. - Run G.S. & Insert (No-Fill up Tube)
								ON S.I. - Cent. ON 10' up ON S.I. w/ Limit Clamp -
								and Collars - #1-2-3-4-5-6-7
	1812							Csg. @ 3403' Hook up to Circulate
	1818							Rig Start Circ. - ORIGINAL
								Hook up to PT
	1907	3.2	12.0					350 Start 500 gal. Mud Flush - Recip Csg
	1910	4.0						350 St. mixing 220 sts. EA-2 w/ 5% Cat seal. 10% Salt
								3/4% Haled 322 w/ 5" Gilsomite /sk.
	1928	5.2	52.5					100 Finish mixing Cement -
								Close in Csg. - Washup Pump & Lines
								Release 7" Top Plug (Pin not out - Break end)
	1936	6.5	132.5					0 Start disp. - Rig work Csg.
	1947	6.5						375 Press. increasing. 96 bbl. disp in
	1948	4.7						700 Press @ 700 - 4 1/2 BPM
	1950							1200 Plug down - Slight bleed-off Due to Release
								pin mechanism leaking 100"/per min.
	1952							Release Press - Insert Holding
								Washup & Rack up PT
								Complete TRts.
	2030							Job Completed

Thank you Eldon, Dick, Ray

11:11 AM LIT 100 1991



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Mid-Continent
Hays, Ks. 15-We3-23281-00-02
BILLED ON TICKET NO. 103938-X

WELL DATA

FIELD Dopbia SEC. 32 TWP. 8² RING. 17^W COUNTY Rooks 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 3400'

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		23.0	7"	KB	3403'	
LINER		26.0				
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-22-96</u>	DATE <u>8-22-96</u>	DATE <u>8-22-96</u>	DATE <u>8-22-96</u>
TIME <u>0900</u>	TIME <u>1205</u>	TIME <u>1408</u>	TIME <u>2030</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FEET SHOE <u>Insert Float Valve 7"</u>	<u>1 ea.</u>	<u>Halco</u>
GUIDE SHOE <u>Reg 7"</u>	<u>1 ea.</u>	<u>Halco</u>
CENTRALIZERS <u>S-4 7"</u>	<u>8 ea.</u>	<u>Halco</u>
BOTTOM PLUG		
TOP PLUG <u>5-w 7"</u>	<u>1 ea.</u>	<u>Halco</u>
HEAD		
PACKER		
OTHER <u>Fas-Grip Champ 7"</u>	<u>1 ea.</u>	<u>Halco</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>E. Reynolds</u>	<u>47558</u>	<u>Pu</u>
	<u>413222</u>	<u>Hays, Ks</u>
<u>N. Korbe</u>	<u>RCM #7-400</u>	
	<u>51797</u>	<u>Hays, Ks.</u>
<u>R. Suter</u>	<u>Bm</u>	
	<u>51252-76108</u>	<u>Hays, Ks.</u>

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 500 gal Mud-Flush

DEPARTMENT Cementing

DESCRIPTION OF JOB Inst. 7" Prod Csg.

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>220</u>	<u>EA-2</u>			<u>5% Cal-Seal-10% Seal-3/4% Haled-322-5" G. Granite</u>	<u>1.34</u>	<u>15.37</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 32.94 REASON Shoe Joint

SUMMARY

VOLUMES

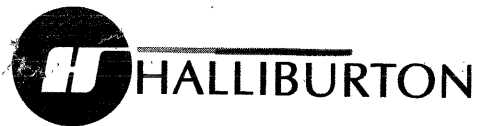
PRESLUSH: BBL.-GAL. 12.0 TYPE Mud Flush
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 132.47
CEMENT SLURRY: BBL.-GAL. 52.5
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

See Job Log + Chart
THANK YOU

FIELD OFFICE

CUSTOMER
ATA PCO
LEASE
STANDARD
WELL NO. 76
JOB TYPE 7" Prod Csg
DATE 8-22-96



HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO:
 ADDRESS: AMERICAN TRADING & PRODUCTION CORP
 CITY, STATE, ZIP CODE: HOUSTON, TX

CUSTOMER COPY

TICKET

No.

103798 - 2

PAGE 1 OF 2

1. SERVICE LOCATIONS	WELL/PROJECT NO. b	LEASE# STANDARD "E"	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR VONFELDT DRILL	RIG NAME/NO. #1	SHIPPED VIA 53292M	DELIVERED TO	ORDER NO.	DATE 8-16-96
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO. N/A	WELL LOCATION	22 - 85 - 17W		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS	01	010				

15-We3-2322-00

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE #53293 R77	68	MI	1	WT	299	20332
001-016		1			PUMP SERVICE	1270	FT	6	WT	118000	118000
030-018		1			5W TOP PLUG	1	EA	10	1/4"	19000	19000
000-119		1			MILEAGE FOR CRW #34604 R77	68	MI	1	WT	100	10800
24A	815.19601	1			INSERT FLOAT VALVE	1	EA	10	1/4"	54800	54800
27	815.19699	1			FOU UP WJT	1	EA			9700	9700
40	206.60070	1			CONTROLLERS	4	EA	10	3/4"	9000	36000

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: 8-16-96
 TIME SIGNED: 1830
 A.M. P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? AGREE UN-DECIDED DIS-AGREE

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	257830
FROM CONTINUATION PAGE(S)	268712
	815511
SUB-TOTAL	1073345
APPLICABLE TAXES WILL BE ADDED ON INVOICE	1084230

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

DAVID FAUT

X [Signature]

WAYNE E. WILSON

89377

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.



HALLIBURTON ENERGY SERVICES

TRK # 51252-76103---52418

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 103773

FORM 1911 R-10

CUSTOMER American Trading WELL Stamper B-6 DATE 8-16-96 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-316		1			Halliburton Light Cement	440				8 80	3,872 00
5084-308		1			Standard Cement	195				9 57	1,866 15
509-406		1			Calcium Chloride	15				40 75	611 25
507-210		1			Fl-ocela	110	1b			1 65	181 50
ORIGINAL											
500-207		1			SERVICE CHARGE	CUBIC FEET 672				1 35	907 20
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT 40,170	LOADED MILES 34	TON MILES 682.890		1 05	717 05

15-163-23281-50-50

No. B 339953

CONTINUATION TOTAL 8,155.14
13



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

15-163-23281-08-00
102743
BILLED ON TICKET NO. 102743

WELL DATA

FIELD _____ SEC. 32 TWP. 25 RNG. 7W COUNTY ROCK STATE WV

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		40.5	10 3/4	K8	1269	
LINER						
TUBING						
OPEN HOLE			14 1/4	1269	1270	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	8-16	DATE	8-16	DATE	8-16	DATE	8-16
TIME	1500	TIME	1700	TIME	1940	TIME	2230

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. W. S. S.	B9377	39601
D. N. S.	E1609	531934
T. R. S.	H4318	52418
R. S. S.	H7137	51252-7000

ORIGINAL

DEPARTMENT SEMI
DESCRIPTION OF JOB 10 3/4" SURFACE

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

CUSTOMER REPRESENTATIVE X DAVID FAUT

HALLIBURTON OPERATOR Wayne E. W. COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	440	11C		B	3754, 1/2" / 2" FILL	1.83	12.70
	170	57X0V6		B	3754	1.73	15.02

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 _____ REASON _____

SUMMARY

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL. (BBL.-GAL.) 121.7

CEMENT SLURRY 1432-40.9 = 139.1

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

SEC GRABT : JOB LOG

THANK YOU

FIELD OFFICE

CUSTOMER: AMERICAN ENERGY
LEASE: SEMPER
WELL NO.: 15-163-23281-08-00
JOB TYPE: 10 3/4" SURFACE
DATE: 8-16-15



15-163-23281-50-000
HALLIBURTON

DATE: 8-16-95 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER: AMERICAN TRADING WELL NO.: 6 LEASE: STAMPER "E" JOB TYPE: 10 3/4" SURFACE
 TICKET NO.: 103798

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							CALLED OUT
	1700							ON LOCATION. DISCUSS JOB PROCEDURE
	1920							BREAK CIRCULATION - MUD PUMP
1	1940	7 1/2	0		✓	200		MIX CEMENT - 440 HIL - 195 SH
	2015		184.1		✓			FINISH MIXING
	2016							RELEASE PLUG ORIGINAL
	2017	7	0		✓	450		DISPLACE PLUG
	2038		121.7			800		PLUG DOWN - CIRCULATE 30 SKS CRT.
	2040					800		RELEASE PSI
	2043					500		FLOAT HOLD - DID NOT HOLD - SHT TO MUD PUMP
								WASH UP
								RACK UP
								DO TICKETS
	2230							JOB COMPLETE
								THANK YOU WAYNE, DNF, TOM, RAY
								PUMP TIME - 1 1/4 HOURS