

Plugged
8-15-90

ORIGINAL

SIDE ONE

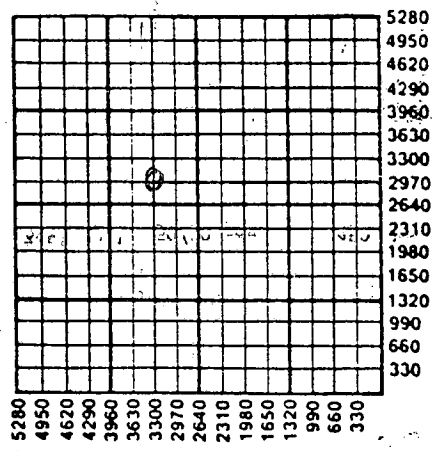
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3919
Name: Challenger Exploration
Address P O Box 1112
Hays, KS 67601
City/State/Zip _____
Purchaser: _____
Operator Contact Person: Junior Werth
Phone (913) 628-2685
Contractor: Name: Tri-United Drilling, Inc.
License: 3194
Wellsite Geologist: Paul A. Montoya

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
8/9/90 8/15/90
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,676-00-00
County Ellis
S/2 SE NW Sec. 20 Twp. 14S Rge. 18 East West
3630' Ft. North from Southeast Corner of Section
3160' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Rohr Well # #1
Field Name Experiment SE
Producing Formation Lansing-Marmaton-Arbuckle
Elevation: Ground 2055 KB 2060
Total Depth 3710 PBTD



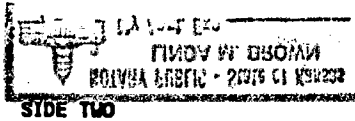
Amount of Surface Pipe Set and Cemented at 495' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Junior Werth DBA Challenger Exploration
Title owner and operator Date 9/30/90
Subscribed and sworn to before me this 30th day of September, 1990.
Notary Public Linda M. Brown
Date Commission Expires March 7, 1992

RECEIVED STATE CORPORATION COMMISSION
K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
10-03-90
DISTRIBUTION
 KCC
 KGS
 SWD/Rep
 Plug
 NGPA
 Other (Specify)
OCT 19 1990
10-19-90
NOTARY PUBLIC - State of Kansas
LINDA M. BROWN
My Appt. Exp. 3-7-92
Form ACO-1 (7-89)



SIDE TWO

Operator Name Challenger Exploration Lease Name Rohr Well # 1
 County Ellis
 Sec. 20 Twp. 14S Rge. 18W East West

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.)

Formation Description		
Name	Top	Bottom
Anhydrite	1286'	1310'
Topeka	3046'	
Lansing/Kansas City	3362'	3608'
Arbuckle	3670'	

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Pipe	12 1/4"	8 5/8"	22 #	395' 495'	50/50 port A	150 sks	2% gal 3% cl

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD Size 12 1/4" Set At 395' Packer At 495' Liner Run Yes No

Date of First Production 1/20/15 Producing Method Flowing Pumping Gas Lift 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 Perforation Dually Completed Commingled
 Other (Specify) 021-SP-032

15-051-24676-00-00

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Drill-Stem Test Data

Well Name & No. ROHR #1 Test No. 1 Date 8/14/90
Company CHALLENGER EXPLORATION Zone Tested KS CITY "E"
Address P.O. BOX 1112 HAYS KANSAS 67601 Elevation 2055
Co. Rep./Geo. MR PAUL MONTOIA Cont. TRI UNITED Est. Ft. of Pay 0
Location: Sec. 20 Twp. 14S Rge. 18W Co. ELLIS State KANSAS

Interval Tested 3414-3450 Drill Pipe Size 4.5" FH
Anchor Length 36 Top Choke — 1" Bottom Choke — 1/4"
Top Packer Depth 3409 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth 3414 Wt. Pipe I.D. — 2.7 Ft. Run 0
Total Depth 3450 Drill Collar — 2.25 Ft. Run 60
Mud Wt. 9.6 lb/gal. Viscosity 42 Filtrate 10.4
Tool Open @ 7:53 AM Initial Blow WEAK SURFACE BLOW BUILDING TO 1"

Final Blow VERY WEAK SURFACE BLOW BUILDING TO 1/8"

Recovery — Total Feet 20 Flush Tool? _____
Rec. 20 Feet of SLIGHTLY OIL SPECKED MUD-(FREE OIL IN TOOL)
Rec. 0 Feet of _____
Rec. 0 Feet of _____
Rec. 0 Feet of _____
Rec. 0 Feet of _____

BHT 108 °F Gravity _____ °API @ 0 °F Corrected Gravity 0 °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

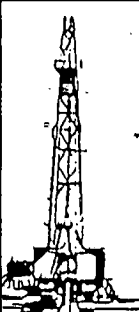
(A) Initial Hydrostatic Mud 1560.2 PSI Ak1 Recorder No. 2023 Range 4000
(B) First Initial Flow Pressure 21.3 PSI @ (depth) 3420 w/Clock No. 31152
(C) First Final Flow Pressure 34.6 PSI Ak1 Recorder No. 24174 Range 3350
(D) Initial Shut-In Pressure 441.6 PSI @ (depth) 3429 w/Clock No. 17639
(E) Second Initial Flow Pressure 39.8 PSI Ak1 Recorder No. 0 Range 0
(F) Second Final Flow Pressure 39.8 PSI @ (depth) 0 w/Clock No. 0
(G) Final Shut-In Pressure 367.8 PSI Initial Opening 30
(H) Final Hydrostatic Mud 1533.4 PSI Initial Shut-In 60
Final Flow 15
Final Shut-In 30

MR PAUL SIMPSON

400

Our Representative _____

TOTAL PRICE \$ _____



AMERICAN ELEVATIONS, INC. 15-051-24676-0000

WICHITA 316-262-3311

P.O. BOX 56

HAYS 913-625-4275

HAYS, KANSAS 67601

ORIGINAL



Challenger Oil Co.
(OPERATOR)

1
(NO)

Rohr

(LEASE)

Ellis
(COUNTY)

Ks.
(STATE)

20
S

14s
T

18w
R

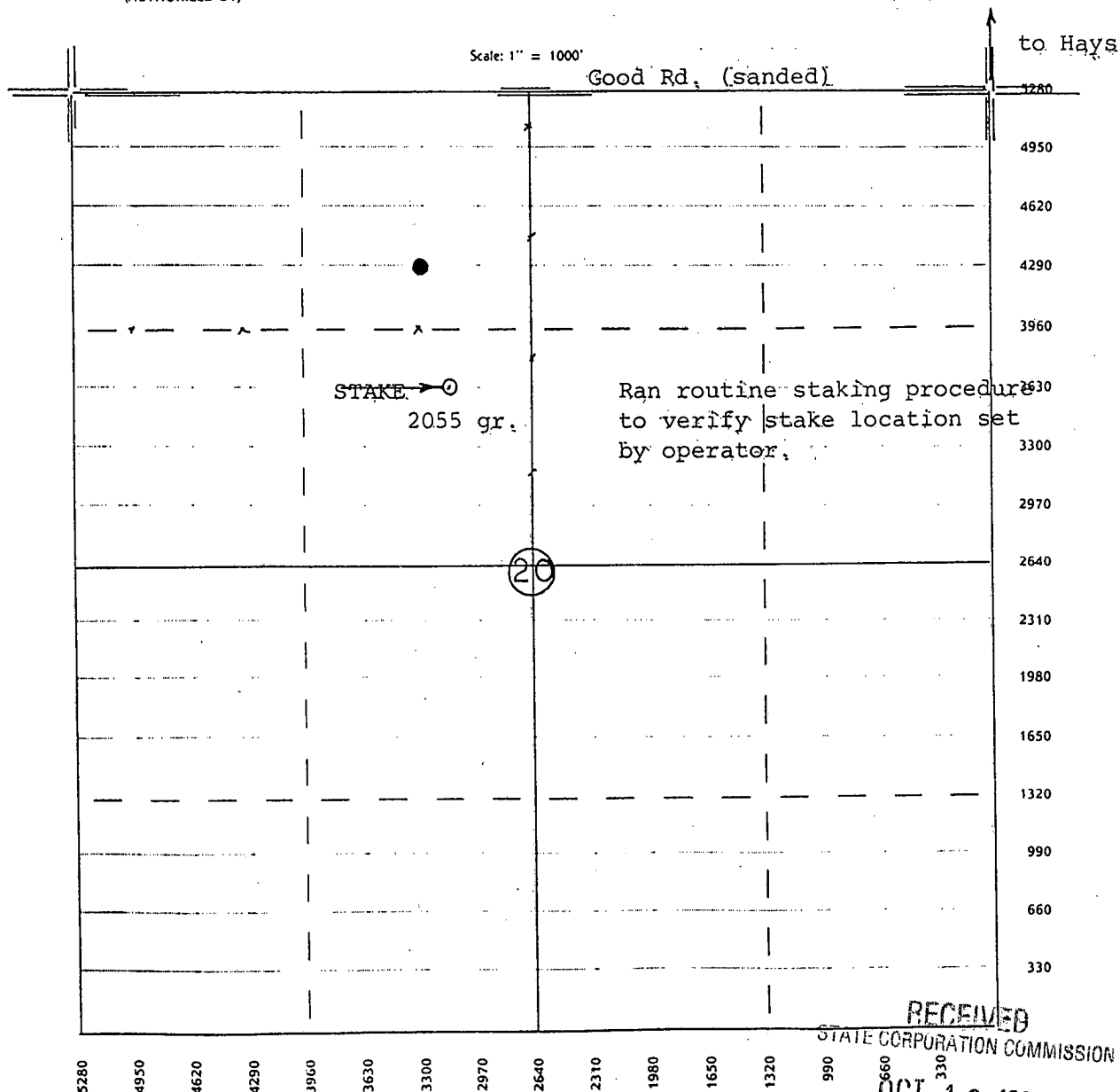
3630'FS 3160'FE
(LOCATION)

Vince Werth

(AUTHORIZED BY)

7-25-90

(DATE)



RECEIVED
STATE CORPORATION COMMISSION

OCT 19 1990

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

HEMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

ORIGINAL

15-051-24676-00-00

INVOICE NO.	DATE
005959	08/09/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ROHR 1		ELLIS		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
HAYS		TRI-UNITED	CEMENT SURFACE CASING		08/09/1990
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
153336	VINCE WERTH			COMPANY TRUCK	99755

PD BY CK# 588 \$1,429.48

CHALLENGER EXPLORATION /KS/
P. O. BOX 1112
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	MILEAGE	4	MI	2.35	9.40
001-016	CEMENTING CASING	485	FT	480.00	480.00
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8	5/8 IN	59.00	59.00
504-308	STANDARD CEMENT	150	SK	5.45	817.50 *
506-105	POZMIX A	100	SK	2.88	288.00 *
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	25.75	154.50 *
500-207	BULK SERVICE CHARGE	270	CFT	1.10	297.00 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	44.560	TMI	.75	50.00MNA *
INVOICE SUBTOTAL					2,155.40
DISCOUNT-(BID)					770.30-
INVOICE BID AMOUNT					1,385.10
*-KANSAS STATE SALES TAX					43.71
*-HAYS CITY SALES TAX					5.15
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,433.96

PAID
AUG 17 1990

HALLIBURTON SERVICES
Per CB 21E047

RECEIVED
STATE CORPORATION COMMISSION

OCT 19 1990

CONSERVATION DIVISION

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

*** CASH JOB ***

ORIGINAL

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

P.O. BOX 951046
DALLAS, TX 75395-1046

15-051-24676-00-00

INVOICE NO.	DATE
005918	08/15/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
ROHR 1		ELLIS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
HAYS	TRI UNITED DRLG.	PLUG TO ABANDON		08/15/1990	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
153336	VINCE WERTH			COMPANY TRUCK	00109

PD BY CK# 597 \$1,808.22

CHALLENGER EXPLORATION /KS/
P. O. BOX 1112
HAYS, KS 67601

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF/NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	4	MI	2.35	9.40 *
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00 *
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	59.00	59.00
		1	EA		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	2	HR	84.00	168.00 *
		1	TRK		
504-308	STANDARD CEMENT	129	SK	5.45	703.05 *
506-105	POZMIX A	86	SK	2.88	247.68 *
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.75	96.25 *
507-210	FLOCELE	50	LB	1.30	65.00 *
500-207	BULK SERVICE CHARGE	241	CFT	1.10	265.10 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	39.280	TMI	.75	50.00MN*

INVOICE SUBTOTAL

2,033.48

DISCOUNT-(BID)

305.00-

INVOICE BID AMOUNT

1,728.48

*-KANSAS STATE SALES TAX

71.35

*-HAYS CITY SALES TAX

8.39

PAID
AUG 24 1990

HALLIBURTON SERVICES
Per CR 297161

RECEIVED
STATE CORPORATION COMMISSION

OCT 19 1990

CONSERVATION DIVISION
Wichita, Kansas

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$1,808.22

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

*** CASH JOB ***

A21237

15-051-24676-00-00

TICKET

NO. 005918-0

PAGE 1 OF 2 PAGES

HALLIBURTON SERVICES
Duncan, Oklahoma 73536

A Division of Halliburton Company

FORM 1906 R-11 # 40403-15

WELL NO. - FARM OR LEASE NAME #1 Rohr		COUNTY Ellis	STATE Ks.	CITY / OFFSHORE LOCATION	DATE 8-15-90
CHARGE TO Challenger Exploration		OWNER Sames		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	
ADDRESS P.O. Box 1112		CONTRACTOR Tri-United Dets.		LOCATION 1 Hays, Ks.	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
CITY, STATE, ZIP Hays, KS 67601		SHIPPED VIA Horse	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE 25525
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO. B-595440	DELIVERED TO S.W. Hays, Ks.	LOCATION 3	CODE
TYPE AND PURPOSE OF JOB 115		ORDER NO.		REFERRAL LOCATION	

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
600-117		1		MILEAGE on PT	11 mi				2.30	9 40
090-910		1		Pump Cha	2 hrs				310.00	370 00
030-503		1		CP-1 Top Plug	1 hr		5 1/2 hr		59.00	59 00
080-920		1		Additional Hours	2 hrs				84.00	168 00

NOT THIS IS AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-595440 RECEIVED 1127 08

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

CUSTOMER OR HIS AGENT (PLEASE PRINT)

CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMMISSION COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

OCT 19 1990

HALLIBURTON OPERATOR CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON APPROVAL

SUB TOTAL 2033 48

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER