

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 # 30347  
Name: DECAB Company  
Address Box 609  
  
City/State/Zip Hays, Kansas 67601

Purchaser: \_\_\_\_\_  
Operator Contact Person: Tom Younger  
Phone (913) 625-9148

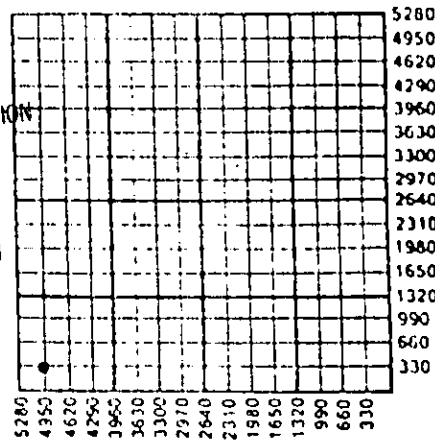
Contractor: Name: Western Kansas Drilling, Inc.  
License: 4083

Wellsite Geologist: Ron Nelson

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

If **OWMO**: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
4-4-91 4-11-91 4-11-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 195-22,084-00-00  
County Trego  
SW SW SW Sec. 33 Twp. 13 Rge. 21 XX East West  
330 Ft. North from Southeast Corner of Section  
4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Schuster Well # 1  
Field Name Unknown  
Producing Formation \_\_\_\_\_  
Elevation: Ground 2252' KB 2257'  
Total Depth 4088' PBTD 4000'



A172 D+A

Amount of Surface Pipe Set and Cemented at 204' 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.

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 08 1991  
05-08-91  
CONSERVATION DIVISION  
Wichita, Kansas

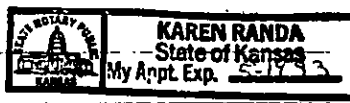
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 Thomas J. Younger  
Title OPERATOR-THOMAS J. YOUNGER Date 5-7-91

Subscribed and sworn to before me this 7 day of MAY, 19 91.

Notary Public Karen Randa  
KAREN RANDA  
Date Commission Expires 5-14-93



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

SIDE TWO

Operator Name DECAB Company Lease Name Schuster Well # 1  
 Sec. 33 Twp. 13 Rge. 21  East County Trego  
 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

Log  Sample

Name	Top	Bottom
PLUG	0	210
SAND & SALE	210	1886
SAND & LIME	1886	4088 T.D.

*SEE ATTACHED*

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	12 1/4"	8 5/8	28#	204'	60/40 poz	140sks	2%gel 3%cc

PERFORATION RECORD

Shots Per Foot Specify footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

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

TUBING RECORD

Size Set At Packer At Liner Run  Yes  No

Date of First Production 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:

METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
 (If vented, submit ACO-18.)

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

ORIGINAL

15-195-22084-00-00

DRILLER'S LOG

Operator: DECAB Company

Contractor: Western Kansas Drilling, Inc.

Well & Well Description: Schuster #1  
SW-SW-SW 33-13-21 Trego County, Kansas

Commenced: 4-4-91

RECEIVED  
STATE CORPORATION COMMISSION

Completed: 4-11-91

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

Character of Well: D & A

Elevation: 2257' G.L. 2262' K.B.

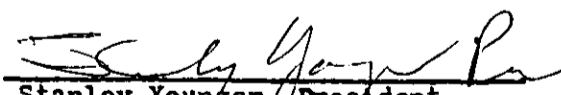
Casing: Ran 5 jts. of 8 5/8's set @ 204'

Figures Indicate Bottom of Formations

0' - 1643'	Sand & Shale
1643' - 1675'	Anhy.
1675' - 1886'	Sand & Shale
1886' - 4088'	Lime & Shale

State of Kansas )  
County of Ellis ) ss:

I Stanley Younger, President of Western Kansas Drilling, Inc. upon oath state that the above and foregoing is a true and correct copy of the log of the Schuster #1

  
Stanley Younger, President

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

15-195-22084-00-00

## Drill-Stem Test Data

Well Name SCHUSTER #1 Test No. 1 Date 4/9/91  
Company DECAB COMPANY Zone Tested LANS-KS CITY  
Address P.O. BOX 609 HAYS KANSAS 67601 Elevation N/A  
Co. Rep./Geo. MR RON NELSON Cont. WESTERN KS DRLG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 5 Twp. 13S Rge. 21W Co. TREGO State KS

Interval Tested 3665-3701  
Anchor Length 36  
Top Packer Depth 3660  
Bottom Packer Depth 3665  
Total Depth 3701

Drill Pipe Size 4.5" FH/XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_

Mud Wt. 8.9 lb / gal. Viscosity 45 Filtrate N/A

Tool Open @ 5:33 Initial Blow VERY WEAK FOR 1 MINUTE

Final Blow NONE

Recovery — Total Feet 5

Flush Tool? YES

Rec. 5 Feet of MUD

RECEIVED  
STATE CORPORATION COMMISSION

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

MAY 08 1991

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. 108 feet of \_\_\_\_\_

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 1802.3 PSI Ak1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 12.6 PSI @ (depth) 3670 w/Clock No. 31154

(C) First Final Flow Pressure 14.5 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-In Pressure 132.9 PSI @ (depth) 3701 w/Clock No. 27585

(E) Second Initial Flow Pressure 20.7 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 21.5 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure \_\_\_\_\_ PSI Initial Opening 15 Final Flow 10

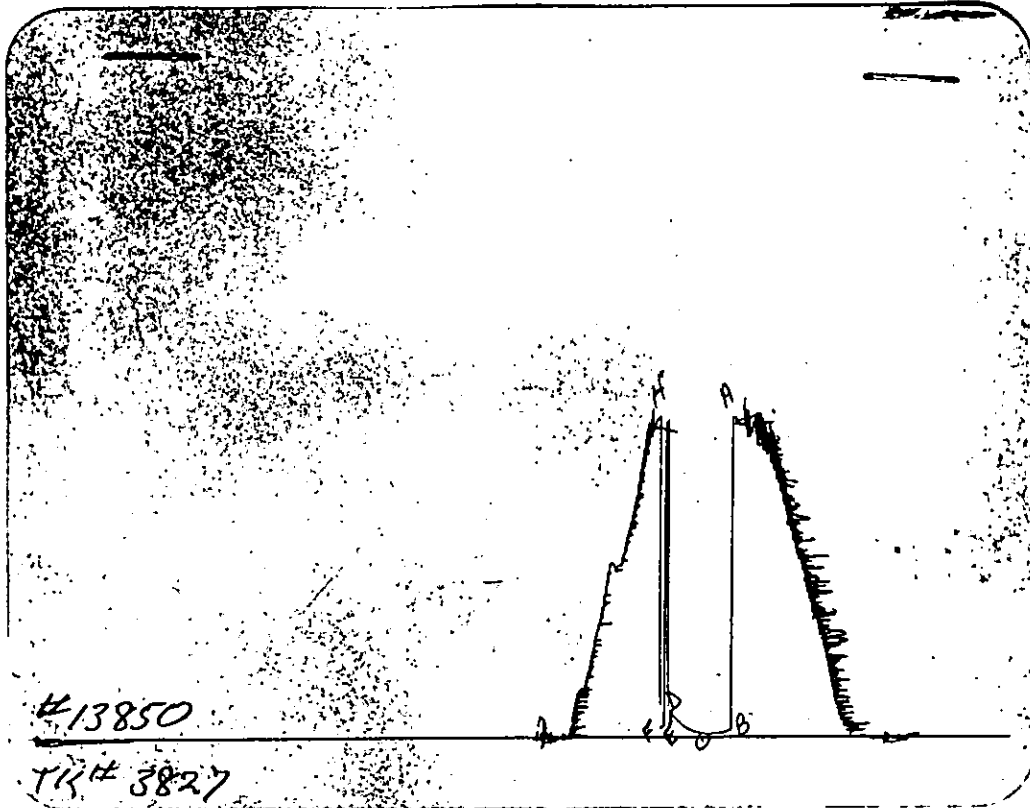
(H) Final Hydrostatic Mud 1790.8 PSI Initial Shut-In 30 Final Shut-In \_\_\_\_\_

Our Representative MR HARRY SCHMIDT

TOTAL PRICE \$ 550

ORIGINAL

15-195-22084-00-00



This is an actual photograph of recorder chart  
PRESSURE

POINT

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1796	1802.3
(B) FIRST INITIAL FLOW PRESSURE	10	12.6
(C) FIRST FINAL FLOW PRESSURE	10	14.5
(D) INITIAL CLOSED-IN PRESSURE	130	132.9
(E) SECOND INITIAL FLOW PRESSURE	20	20.7
(F) SECOND FINAL FLOW PRESSURE	20	21.5
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1796	1790.8

RECEIVED  
STATE COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 3827

## Test Ticket

Well Name & No. SCHUSTER 121 Test No. ONE Date 4-9-91  
Company DECAR CO. Zone Tested LKC D+E  
Address BOX 609 HAYS KS 67201 Elevation \_\_\_\_\_  
Co. Rep./Geo. GATOR Cont. \_\_\_\_\_ Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 33 Twp. 13 S Rge. 21 W Co. TREGO State KS  
No. of Copies 5 Distribution Sheet \_\_\_\_\_ Yes \_\_\_\_\_ No  Turnkey \_\_\_\_\_ Yes \_\_\_\_\_ No  Evaluation \_\_\_\_\_

Interval Tested 3665 TO 3701 Drill Pipe Size 4 1/2" F.H. + XH  
Anchor Length 36' Top Choke — 1" \_\_\_\_\_ Bottom Choke — 1/4" \_\_\_\_\_  
Top Packer Depth 3660 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
Bottom Packer Depth 3665 Wt. Pipe I.D. — 2.7 Ft. Run \_\_\_\_\_  
Total Depth 3701 Drill Collar — 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 8.9 lb/gal. Viscosity 45 Filtrate \_\_\_\_\_  
Tool Open @ 5:33 Initial Blow VERY WEAK FOR 2 MIN.

Final Blow NONE

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>5</u>	<u>1900</u>	<u>YES</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 108 °F Gravity \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm System  
(A) Initial Hydrostatic Mud 1796 PSI AK1 Recorder No. 13851 Range 4425  
(B) First Initial Flow Pressure 10 PSI @ (depth) 3670 w/Clock No. 31154  
(C) First Final Flow Pressure 10 PSI AK1 Recorder No. 13850 Range 4325  
(D) Initial Shut-In Pressure 130 PSI @ (depth) 3701 w/Clock No. 27585  
(E) Second Initial Flow Pressure 20 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
(F) Second Final Flow Pressure 20 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
(G) Final Shut-In Pressure \_\_\_\_\_ PSI Initial Opening 15 Test 550.00  
(H) Final Hydrostatic Mud 1796 PSI Initial Shut-in 30 Jars \_\_\_\_\_

Final Flow 10 Safety Joint \_\_\_\_\_  
Final Shut-in \_\_\_\_\_ Straddle \_\_\_\_\_  
Circ. Sub \_\_\_\_\_  
Sampler \_\_\_\_\_  
Extra Packer \_\_\_\_\_  
Other \_\_\_\_\_  
TOTAL PRICE \$ 550.00

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Jim Muley  
Our Representative [Signature]

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name SCHUSTER #1 Test No. 2 Date 4/10/91  
Company DECAB COMPANY Zone Tested ARBUCKLE  
Address P.O. BOX 609 HAYS KANSAS 67601 Elevation N/A  
Co. Rep./Geo. MR RON NELSON Cont. WESTERN KS DRLG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 5 Twp. 13S Rge. 21W Co. TREGO State KS

Interval Tested 3988-4038  
Anchor Length 50  
Top Packer Depth 3983  
Bottom Packer Depth 3988  
Total Depth 4038

Drill Pipe Size 4.5" PH/XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_

Mud Wt. 9.3 lb / gal. Viscosity 47 Filtrate 7

Tool Open @ 4:43 PM Initial Blow VERY WEAK & INTERMITTENT FOR 10 MINUTES

Final Blow NO BLOW - FLUSHED TOOL & RECEIVED WEAK BLOW FOR 5 MINUTES

Recovery - Total Feet 5 Flush Tool? YES

Rec. 5 Feet of MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. 110 Feet of \_\_\_\_\_

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2077.8 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 23.8 PSI @ (depth) 3998 w/Clock No. 31154

(C) First Final Flow Pressure 34.5 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-In Pressure 281.4 PSI @ (depth) 4038 w/Clock No. 27585

(E) Second Initial Flow Pressure 33.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

(F) Second Final Flow Pressure 45.9 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_

(G) Final Shut-In Pressure 152.7 PSI Initial Opening 20 Final Flow 15

(H) Final Hydrostatic Mud 2065.4 PSI Initial Shut-In 15 Final Shut-In 15

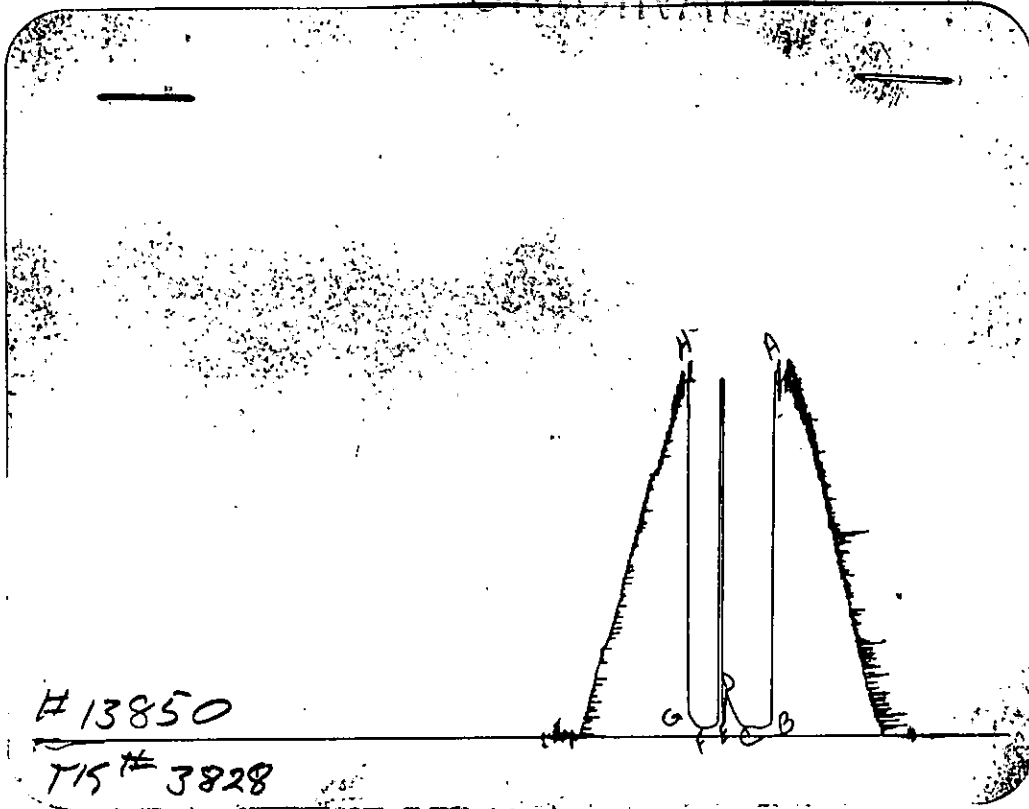
Our Representative MR HARRY SCHMIDT TOTAL PRICE \$ 550

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL



POINT

This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2073	2077.8
(B) FIRST INITIAL FLOW PRESSURE	20	23.8
(C) FIRST FINAL FLOW PRESSURE	30	34.5
(D) INITIAL CLOSED-IN PRESSURE	277	281.4
(E) SECOND INITIAL FLOW PRESSURE	30	33.4
(F) SECOND FINAL FLOW PRESSURE	40	45.9
(G) FINAL CLOSED-IN PRESSURE	144	152.7
(H) FINAL HYDROSTATIC MUD	2073	2065.4

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas



# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 3828

## Test Ticket

Well Name & No. SCHUSTER #1 Test No. TWO Date 4-10-91  
Company DECAR CO. Zone Tested 14RB.  
Address BOX 609 HAYS KS. 67601 Elevation \_\_\_\_\_  
Co. Rep./Geo. GATOR Cont. WESTERN/ICS Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 33 Twp. 13S Rge. 21W Co. TREGO State KS  
No. of Copies 5 Distribution Sheet \_\_\_\_\_ Yes  Turnkey \_\_\_\_\_ Yes  Evaluation \_\_\_\_\_

Interval Tested 3988 TO 4038 Drill Pipe Size 4 1/2" 1-11 + X11  
Anchor Length 50 Top Choke — 1" \_\_\_\_\_ Bottom Choke — 1/4" \_\_\_\_\_  
Top Packer Depth 3983 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
Bottom Packer Depth 3988 Wt. Pipe I.D. — 2.7 Ft. Run \_\_\_\_\_  
Total Depth 4038 Drill Collar — 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 9.3 lb/gal. Viscosity 47 Filtrate 7  
Tool Open @ 4:43 P Initial Blow VERY WEAK + INTERMITTENT FOR 10 MIN.

Final Blow NO BLOW FLUSHED TOOL + RECEIVED A WEAK BLOW FOR 5 MIN.

Recovery — Total Feet 5 Feet of Gas In Pipe \_\_\_\_\_ Flush Tool? YES

Rec.	Feet Of	%gas	%oil	%water	%mud
<u>5'</u>	<u>MUD</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

BHT 110 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2073 PSI Ak1 Recorder No. 13851 Range 4425  
(B) First Initial Flow Pressure 20 PSI @ (depth) 3998 w/Clock No. 31154  
(C) First Final Flow Pressure 30 PSI AK1 Recorder No. 13850 Range 4325  
(D) Initial Shut-In Pressure 277 PSI @ (depth) 4038 w/Clock No. 27585  
(E) Second Initial Flow Pressure 30 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_  
(F) Second Final Flow Pressure 40 PSI @ (depth) \_\_\_\_\_ w/Clock No. \_\_\_\_\_  
(G) Final Shut-In Pressure 144 PSI Initial Opening 20 Test 550 ov  
(H) Final Hydrostatic Mud 2073 PSI Initial Shut-In 15 Jars \_\_\_\_\_

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 15 Safety Joint \_\_\_\_\_  
Final Shut-In RECEIVED 15 Straddle \_\_\_\_\_  
STATE COMMISSION COMMISSION Cir. Sub \_\_\_\_\_

Approved By [Signature] MAY 08 1991 Sampler \_\_\_\_\_  
Our Representative [Signature] CONSERVATION DIVISION Wichita, Kansas Extra Packer \_\_\_\_\_

**TRILOBITE TESTING COMPANY**  
P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name SCHUSTER #1 Test No. 3 Date 4/11/91  
Company DECAR COMPANY Zone Tested ARBUCKLE  
Address P.O. BOX 609 HAYS KANSAS 67601 Elevation N/A  
Co. Rep./Geo. MR RON NELSON Cont. WESTERN KS DRLG #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 5 Twp. 13S Rge. 21W Co. TREGO State KS

Interval Tested 3980-4050  
Anchor Length 70  
Top Packer Depth 3988  
Bottom Packer Depth 4050  
Total Depth 4089

Drill Pipe Size 4.5" PH/XH  
Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Drill Collar - 2.25 Ft. Run \_\_\_\_\_

Mud Wt. 9.3 lb / gal. Viscosity 47 Filtrate 7

Tool Open @ 1:00 PM Initial Blow VERY WEAK FOR 10 MINUTES

Final Blow NO BLOW - FLUSHED TOOL & RECEIVED WEAK BLOW FOR 5 MINUTES

Recovery - Total Feet 15 Flush Tool? YES

Rec. 15 Feet of MUD

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 110 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2130.2 PSI AK1 Recorder No. 13851 Range 4425

(B) First Initial Flow Pressure 61.2 PSI @ (depth) 4020 w/Clock No. 31154

(C) First Final Flow Pressure 73.1 PSI AK1 Recorder No. 13850 Range 4325

(D) Initial Shut-In Pressure 284.5 PSI @ (depth) 4045 w/Clock No. 27585

(E) Second Initial Flow Pressure 64.5 PSI AK1 Recorder No. 1055 Range 4000

(F) Second Final Flow Pressure 71.9 PSI @ (depth) 4089 w/Clock No. 20272

(G) Final Shut-In Pressure 220.6 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 2118.6 PSI Initial Shut-In 15 Final Shut-In 15

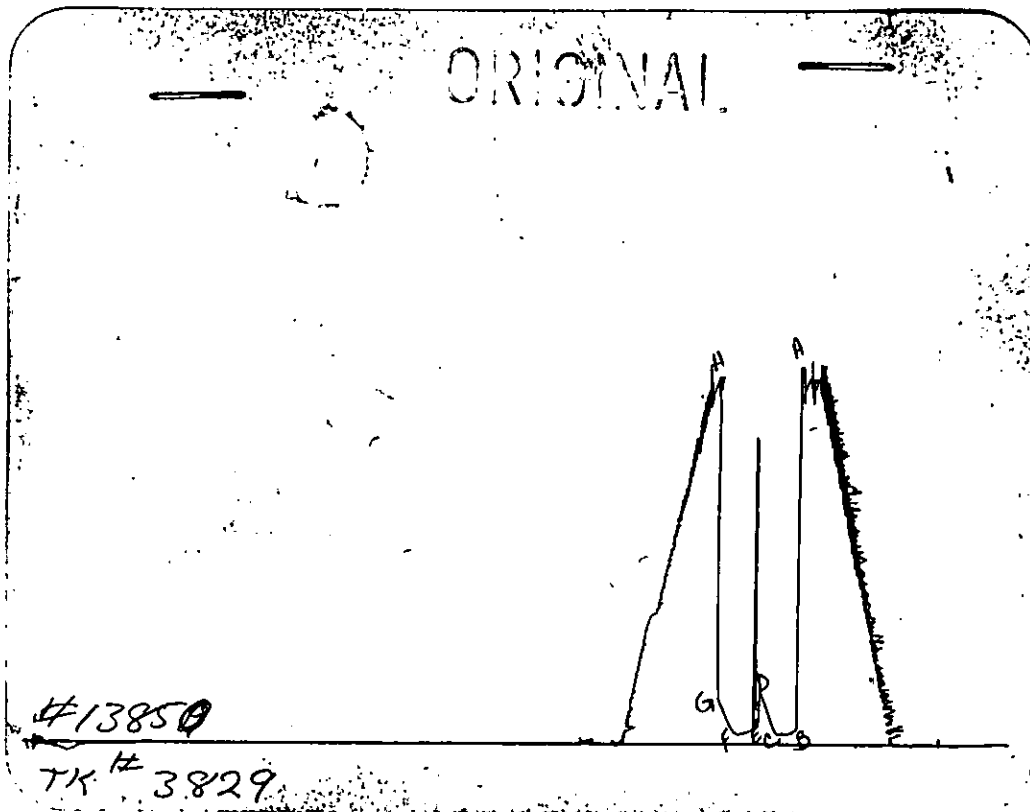
Our Representative MR HARRY SCHMIDT TOTAL PRICE \$ 950

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL



POINT This is an actual photograph of recorder chart PRESSURE

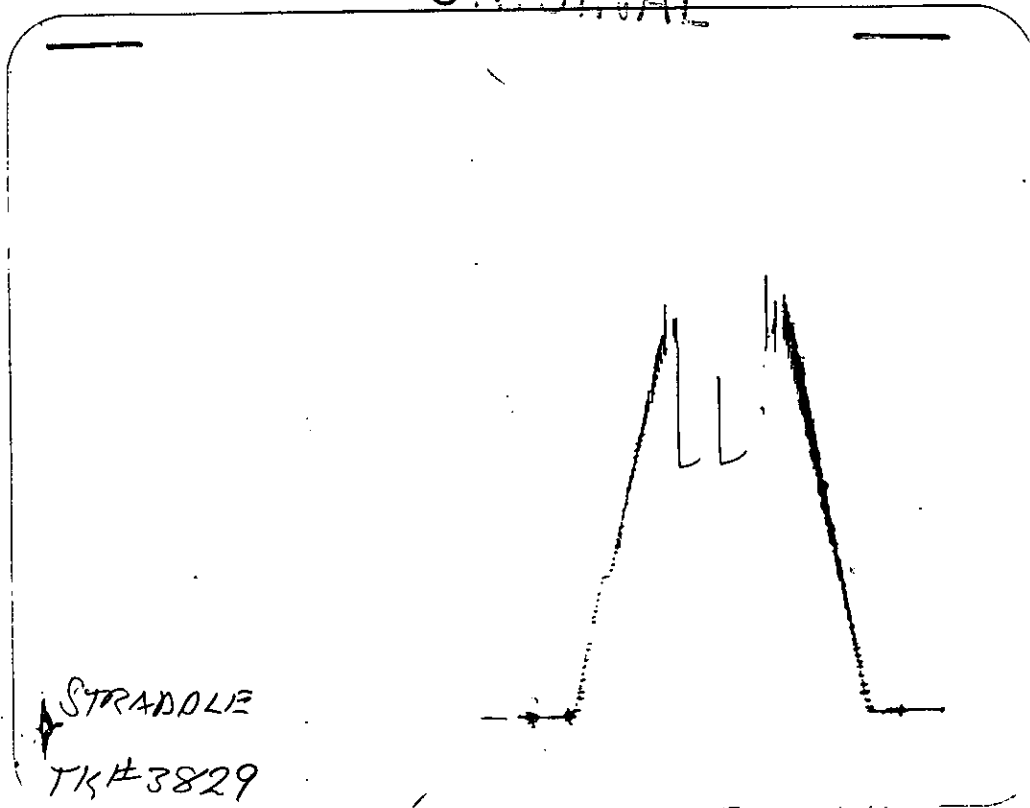
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2129	2130.2
(B) FIRST INITIAL FLOW PRESSURE	50	61.2
(C) FIRST FINAL FLOW PRESSURE	60	73.1
(D) INITIAL CLOSED-IN PRESSURE	277	284.5
(E) SECOND INITIAL FLOW PRESSURE	60	64.5
(F) SECOND FINAL FLOW PRESSURE	70	71.9
(G) FINAL CLOSED-IN PRESSURE	222	220.6
(H) FINAL HYDROSTATIC MUD	2129	2118.6

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL



POINT

This is an actual photograph of recorder chart  
PRESSURE

FIELD  
READING

OFFICE  
READING

- (A) INITIAL HYDROSTATIC MUD
- (B) FIRST INITIAL FLOW PRESSURE
- (C) FIRST FINAL FLOW PRESSURE
- (D) INITIAL CLOSED-IN PRESSURE
- (E) SECOND INITIAL FLOW PRESSURE
- (F) SECOND FINAL FLOW PRESSURE
- (G) FINAL CLOSED-IN PRESSURE
- (H) FINAL HYDROSTATIC MUD

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

# TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

No. 3829

## Test Ticket

Well Name & No. SCHUSTER #1 Test No. THREE Date 4-11-91  
Company DECAR CO. Zone Tested ARB.  
Address BOX 609 HAYS KS. 67601 Elevation \_\_\_\_\_  
Co. Rep./Geo. GATOR Cont. WESTERN KS. #1 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 13 Twp. 13S Rge. 21W Co. YREGO State KS  
No. of Copies 5 Distribution Sheet \_\_\_\_\_ Yes \_\_\_\_\_  Turnkey \_\_\_\_\_ Yes \_\_\_\_\_  Evaluation \_\_\_\_\_

Interval Tested 3980 TO 4050 Drill Pipe Size 4 1/2" 15H + X 17  
Anchor Length 70' Top Choke — 1" \_\_\_\_\_ Bottom Choke — 3/4" \_\_\_\_\_  
Top Packer Depth ~~4050~~ 3980 Hole Size — 7 7/8" \_\_\_\_\_ Rubber Size — 6 3/4" \_\_\_\_\_  
Bottom Packer Depth ~~3980~~ 4050 Wt. Pipe I.D. — 2.7 Ft. Run \_\_\_\_\_  
Total Depth 4089 Drill Collar — 2.25 Ft. Run \_\_\_\_\_  
Mud Wt. 9.3 lb/gal. Viscosity 47 Filtrate 7  
Tool Open @ 1:00 P Initial Blow VERY WEAK FOR 10 MIN.

Final Blow NO BLOW

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>15</u>	<u>MUD</u>	<u>YES</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT 110 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System  
(A) Initial Hydrostatic Mud 2129 PSI Ak1 Recorder No. 13851 Range 4485  
(B) First Initial Flow Pressure 50 PSI @ (depth) 4020 w/Clock No. 81154  
(C) First Final Flow Pressure 60 PSI AK1 Recorder No. 13850 Range 4325  
(D) Initial Shut-In Pressure 277 PSI @ (depth) 4045 w/Clock No. 27585  
(E) Second Initial Flow Pressure 60 PSI AK1 Recorder No. 1055 Range 4000  
(F) Second Final Flow Pressure 70 PSI @ (depth) 4089 w/Clock No. 20272  
(G) Final Shut-In Pressure 222 PSI Initial Opening 15 Test 550  
(H) Final Hydrostatic Mud 2129 PSI Initial Shut-In 15 Jars \_\_\_\_\_

TRILOBITE TESTING COMPANY SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUBSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Final Flow 15 Safety Joint \_\_\_\_\_  
Final Shut-In RECEIVED 5 Straddle 250.00  
STATE CORPORATION COMMISSION Cir. Sub \_\_\_\_\_

Approved By [Signature]  
Our Representative [Signature]

MAY 08 1991  
CONSERVATION DIVISION  
Wichita, Kansas

Sampler \_\_\_\_\_  
Extra Packer 150.00  
Other \_\_\_\_\_  
TOTAL PRICE \$ 950.00

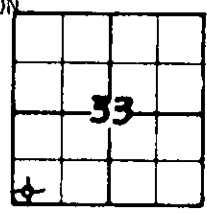
ORIGINAL 15-195-22084-00-00

77-P

**RON NELSON**  
 CONSULTING PETROLEUM GEOLOGIST  
 215 EAST 5th ST.  
 HAYS, KANSAS 67601  
 PHONE: 913-628-3449

GEOLOGIC  
REPORT  
LOG

COMPANY <u>DECAB CO.</u> STATE CORPORATION COMMISSION		RECEIVED
<u>APR 15-195-22084</u>		MAY 08 1991
WELL <u>SCHUSTER #1</u>	CONSERVATION DIVISION Wichita, Kansas	
FIELD <u>LOCKER</u>	PRODUCTION	
LOCATION <u>SW-SW-SW</u>	ELEVATION: KB <u>2257'</u>	
SEC. <u>33</u> TWP. <u>13s</u> RGE. <u>2W</u>	DF _____	
COUNTY <u>TREGO</u>	GL <u>2252'</u>	
STATE <u>KANSAS</u>	Drilling Measured From <u>KB</u>	
OPERATOR <u>DECAB CO.</u>	Samples Saved From <u>3300</u> To <u>TD</u>	
CONTRACTOR <u>WKD Rig #1</u>	Drilling Time From <u>3300</u> To <u>TD</u>	
COMM: <u>4-4-91</u> COMP: <u>A-</u>	Samples Examined From <u>3300</u> To <u>TD</u>	
CASING RECORD	Geological Supervision From <u>3300</u> To Total Depth _____	
SURF: <u>8 5/8" @ 208'</u> PROD: <u>NONE</u>	Well-site Geologist <u>RON NELSON</u>	
TOTAL DEPTH DRILLERS <u>4088'</u>	Electrical Surveys <u>MERCURY WIRELINE</u>	
TOTAL DEPTH LOG <u>4099'</u>	<u>RAG-DENSITY-DUAL</u>	
	<u>INDUCTION</u>	



FORMATION TOPS & STRUCTURAL POSITION				
FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
TOP ANHYDRITE	-1648	NA	+609	-6
BASE ANHYDRITE	1693	NA	+564	-7
TOPEKA	3345	3346	-1089	-4
HEEBNER	3582	3582	-1325	-6
TORONTO	3604	3602	-1345	-5
LKC	3619	3619	-1362	-6
BKC	3864	3864	-1607	-9
MARMATON	3951	3952	-1701	-6
CHEROKEE 'A' SAND	ABSENT	-	-	-
CHEROKEE 'C' SAND	ABSENT	-	-	-
ARBUCKLE	4030	4031	-1774	+19

REFERENCE WELL FOR STRUCTURE DECAB CO.'s LOCKER #1  
SE-SE-SE 32-13-21

ORIGINAL



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

15-195-22084-00-00

INVOICE NO.	DATE
080179	04/04/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SCHUSTER 1		TREGO		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
HAYS		WRD		CEMENT SURFACE CASING		04/04/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
955565	JIM MANLEY			COMPANY TRUCK	13271	

WESTERN KANSAS DRILLING  
P. O. BOX 126  
HAYS, KS 67601-0126

*Mail*

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OR 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	25	MD	2.60	65.00
001-016	CEMENTING CASING	204	FT	475.00	475.00
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
504-308	STANDARD CEMENT	84	SK	5.45	457.80
506-105	POZMIX A	56	SK	3.00	168.00
506-121	HALLIBURTON-GEL 2X	2	SK	.00	N/C
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00
500-207	BULK SERVICE CHARGE	148	CFT	1.15	170.20
500-306	MILEAGE CMTG MAT DEL OR RETURN	157.000	TMI	.80	125.60

*Back*

*to*

*Del CAB*

INVOICE SUBTOTAL

DISCOUNT-(BID)  
INVOICE BID AMOUNT

\*-KANSAS STATE SALES TAX  
\*-HAYS CITY SALES TAX

RECEIVED  
STATE CORPORATION COMMISSION

MAY 08 1991

CONSERVATION DIVISION  
Wichita, Kansas

1,656.60

331.32-  
1,325.28

34.91  
4.10

Date Received	APR 11 1991
Date Entered & Account No.	0292
Date Posted To Inventory	30300
Date Paid & Ch. No.	91-12

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$1,364.29

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

ORIGINAL



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

HALLIBURTON SERVICES

INVOICE

A Halliburton Company

15-145-22084-00-00

INVOICE NO.	DATE
080594	04/11/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
SCHUSTER 1		TREGO		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		WESTERN KS. DRLG.		CEMENT SURFACE CASING		04/11/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
955565	BRAD ROY				COMPANY TRUCK	13685

WESTERN KANSAS DRILLING  
P. O. BOX 126  
HAYS, KS 67601-0126

*See D to DECAB*

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OR 73102-5601

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	25	MI	2.60	65.00
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	3	HR	84.00	252.00
		1	TRK		
030-503	CMTG PLUG LA-11,CP-1,CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA		
504-308	STANDARD CEMENT	129	SK	5.45	703.05 *
506-105	POZMIX A	86	SK	3.00	258.00 *
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	7	SK	13.75	96.25 *
507-210	FLOCELE	54	LB	1.30	70.20 *
500-207	BULK SERVICE CHARGE	233	CFT	1.15	267.95 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	245.550	TMI	.80	196.44 *

INVOICE SUBTOTAL

RECEIVED  
STATE CORPORATION COMMISSION

2,368.89

DISCOUNT - (BID)  
INVOICE BID AMOUNT

MAY 08 1991

473.77-  
1,895.12

\*- KANSAS STATE SALES TAX

CONSERVATION DIVISION  
Wichita, Kansas

54.12

Date Received	APR 19 1991
Date Entered & Account No.	
Date Posted To Inventory	
Date Paid & Ch. No.	

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$1,949.24

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