

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

Operator: License # 5056  
Name: F. G. Holl Company, L.L.C.  
Address 6427 E. Kellogg  
P. O. Box 780167  
City/State/Zip Wichita, KS 67278-0167

Purchaser: NCRA  
Operator Contact Person: Elwyn H. Nagel  
Phone ( 316 ) 684-8481

Contractor: Name: Sterling Drilling Co. Rig 4  
License: 5142  
Wellsite Geologist: Franklin R. Greenbaum

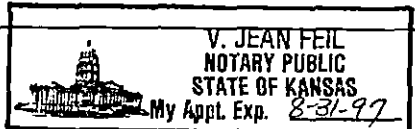
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info 4-10-96  
Operator: APR 10 1996  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBTB  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
10/16/1995 10/28/1996 2/12/1996  
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Margery Nagel  
Title Manager Date 3/28/96  
Subscribed and sworn to before me this 28th day of March  
1996  
Notary Public [Signature]  
Date Commission Expires \_\_\_\_\_



API NO. 15- 007-22,487=0000 ORIGINAL  
County Barber  
C - S/2-S/2 NW Sec. 3 Twp. 30S Rge. 13  <sup>E</sup>  
2310' Feet from S  (circle one) Line of Section  
1320' Feet from E  (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE,  or SW (circle one)  
Lease Name Doan "A" Well # 2-3  
Field Name Sawyer  
Producing Formation LKC "M", Marmaton CO 4963  
Elevation: Ground 1887' KB 1896'  
Total Depth 4770' PBTB 4718'  
Amount of Surface Pipe Set and Cemented at 1000' KB Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set NA Feet  
If Alternate II completion, cement circulated from NA  
feet depth to NA w/ NA sx cnt.  
Drilling Fluid Management Plan alt 4-17-96  
(Data must be collected from the Reserve Pit) rd  
Chloride content 32,000 ppm Fluid volume 400 bbls  
Dewatering method used hauled free water.  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name Pratt Well Service  
Lease Name Watson License No. 5893  
\_\_\_\_\_ Quarter Sec. 7 Twp. 27 S Rng. 13W  <sup>EW</sup>  
County Pratt Docket No. D-19,334

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)

Operator Name **W.G. HOLL COMPANY, L.L.C.**

Lease Name **DOAN "A"**

Well # **2-3**

**JAN 10 1990**

Sec. **3** Twp. **30S** Rge. **13**

East

County **Barber**

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chase	2094	(-198)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Onaga Sh	2846	(- 950)
List All E.Logs Run: WESTERN ATLAS WIRELINE SERV.		Topeka	3342	(-1446)
HI-RES.DIFL, BHC AC-GR-CAL, ZDLC-CN-SL-MI		Heebner	3718	(-1822)
MINILOG-CAL, BHC AC FRACLOG		Douglas Sh	3758	(-1862)
		Lansing/KC	3918	(-2022)
		BKC	4311	(-2415)
		Kinderhook Sh	4421	(-2525)
		Viola	4487	(-2591)
		Simpson Sh	4599	(-2703)
		Arbuckle	4692	(-2796)

**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	17 1/2"	13 3/8"		58'KB	60/40 poz.	100	2% gel, 3%CC
Surface	12 1/2"	8 5/8"	23#	1000'KB	Midcow2	350	3%CC, 14#Floc
Production	4 1/2"	7 7/8"	10.5#	4762'KB	Lite, 50/50	300	3%CC

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	4206	60/40 poz	25	10% NACL and .6% HALIDE 9(fluid loss)
<input checked="" type="checkbox"/> Plug Off Zone			50	10% NACL

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 BSPF	4204'-4206' LKC "K"	100 gals 15% FE	4206'
2 BSPF	4284'-4280' LKC "M"	200 gals 15%FE, 700 gals 15%SGA	4284'
2 BSPF	4317'-4321' and 4322'-4327' Marmaton	450gals 15%FE, 1500gals 15%SGA	4327'

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 4333'	Packer At NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 2/12/1996	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 3.5	Gas Mcf 5	Water Bbls. 9	Gas-Oil Ratio	Gravity 30.9
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Disposition of Gas:

**METHOD OF COMPLETION**

Production Interval

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

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify):

4280'-4284'  
LKC "M"  
4317'-4327' OA  
Marmaton

ORIGINAL

RECEIVED  
KANSAS CORPORATION COMMISSION

15-607-22487.0000

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

APR 10 1996

4-10-96

CONSERVATION DIVISION  
WICHITA, KS

Date 10-23-1995 Location 0 1/2 - 5/2 - NW 3-30 - 13<sup>W</sup> Elevation 1896 Ft. County BARBER

Company F.G. Hall Company LLC Number of Copies 3

Charts Mailed to 6427 EAST KENNEDY, P.O. BOX 780619 WICHITA KANSAS 67278-0169

Drilling Contractor Sterling Drilling Rig #4

Length Drill Pipe 3768 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" N.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 485 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" N.H.

Top Packer Depth 4269 Bottom Packer Depth 4274 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4274 TO 4300 ANCHOR LENGTH 26 TOTAL DEPTH 4300 Hole Size 7 7/8

LEASE & WELL NO. DOAN "A" #2-3 FORMATION TESTED KANSAS CITY TEST NO. 1

Mud Weight 9.3 Viscosity 50 Water Loss 8.9 Chlorides - Pits 5000 D.S.T. \_\_\_\_\_

Maximum Temp. 118 °F Initial Hydrostatic Pressure (A) 2116 P.S.I. Final Hydrostatic Pressure (H) 2085 P.S.I.

Tool Open I.F.P. from 3:45 P m to 4:15 P m 30 min

Tool Closed I.C.I.P. from 4:15 P m to 5:15 P m 60 min

Tool Open F.F.P. from 5:15 P m to 6:15 P m 60 min

Tool Closed F.C.I.P. from 6:15 P m to 7:45 P m 90 min

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 4 min.

Final Blow Good blow bottom of the bucket 10 sec. DECREASED to fair blow

Total Feet Recovered 65 Gravity of Oil \_\_\_\_\_ Correc \_\_\_\_\_

3100 Feet of Gas In The Pipe 100% Gas 0% Oil 0% Mud 0% Wt

65 Feet of Oil & Gas cut mud 3% Gas 25% Oil 72% Mud 0% Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wt

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint 483 Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 28225 Clock No. Electronic Depth 4294 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 4297 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Steve Ludwig

Approved By \_\_\_\_\_

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one for whom a test is made, or for any loss suffered sustained, directly or indirectly, through the use of its equipment, or its statements 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.



ORIGINAL

APR 10 1996

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas - 67530  
(316) 792-6902

CONSERVATION DIVISION  
WICHITA, KS

Date 10-24-1995 Location C<sup>3</sup>/<sub>2</sub> S<sup>1</sup>/<sub>2</sub> W 3-30-13<sup>W</sup> Elevation 1896 Kib. County Baiber  
 Company F.G. Hall Company L.L.C. Number of Copies 5  
 Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167  
 Drilling Contractor Sterling Drilling Rig #4  
 Length Drill Pipe 3684 I.D. Drill Pipe 5.80 Tool Joint Size 4 1/2" N.H.  
 Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE  
 Length Drill Collars 485 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" N.H.  
 Top Packer Depth 4185-4190 Bottom Packer Depth 4220 Number of Packers 3 Packer Size 6 3/4"  
 TESTED FROM 4190 TO 4220 ANCHOR LENGTH 30 TOTAL DEPTH 4300 Hole Size 7 1/8"  
 LEASE & WELL NO. Doan "A" #2-3 FORMATION TESTED Kansas City TEST NO. 2  
 Mud Weight 9.3 Viscosity 50 Water Loss 8.1 Chlorides - Pits 5000 D.S.T. 107000  
 Maximum Temp. 123 °F Initial Hydrostatic Pressure (A) 2045 P.S.I. Final Hydrostatic Pressure (H) 2014 P.S.I.  
 Tool Open I.F.P. from 12:30 A m to 1:00 A m 30 min  
 Tool Closed I.C.I.P. from 1:00 A m to 2:00 A m 60 min  
 Tool Open F.F.P. from 2:00 A m to 3:00 A m 60 min  
 Tool Closed F.C.I.P. from 3:00 A m to 4:30 A m 90 min  
 Initial Blow Good blow Gas to Surface in 10 minutes  
 Final Blow Good blow  
 Total Feet Recovered 575 Gravity of Oil 37 Correc.

from [B] 85 P.S.I. to [C] 128 P.S.I.  
 [D] 1390 P.S.I.  
 from [E] 132 P.S.I. to [F] 222 P.S.I.  
 [G] 1282 P.S.I.

<u>35</u> Feet of <u>Muddy Gassy oil</u>	<u>5</u> % Gas	<u>5</u> % Oil	<u>90</u> % Mud	<u>0</u> % Wa
<u>60</u> Feet of <u>VERY Gassy Slightly mud cut oil</u>	<u>55</u> % Gas	<u>40</u> % Oil	<u>1</u> % Mud	<u>4</u> % Wa
<u>240</u> Feet of <u>Gassy oil with a trace of mud &amp; water</u>	<u>32</u> % Gas	<u>65</u> % Oil	<u>1</u> % Mud	<u>2</u> % Wa
<u>120</u> Feet of <u>Gassy oil with a show of mud &amp; water</u>	<u>33</u> % Gas	<u>50</u> % Oil	<u>5</u> % Mud	<u>12</u> % Wa
<u>70</u> Feet of <u>Slightly water cut Gassy oil</u>	<u>15</u> % Gas	<u>70</u> % Oil	<u>0</u> % Mud	<u>15</u> % Wa
<u>50</u> Feet of <u>VERY SLIGHTLY MUDDY water with a</u>	<u>0</u> % Gas	<u>LESS THAN 100</u> % Oil	<u>5</u> % Mud	<u>90</u> % Wa
Feet of <u>TRACE of oil LESS than 10% oil</u>	% Gas	% Oil	% Mud	% Wa
Feet of _____	% Gas	% Oil	% Mud	% Wa
Feet of _____	% Gas	% Oil	% Mud	% Wa

Remarks Electronic Recorder # 28225 Depth 4193  
Oil GRAVITY WAS CHECKED WITH OIL THAT WAS SLIGHTLY MUDDY  
 Extra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle YES Hook Wall NONE  
 Top Recorder No. 47441 Clock No. 11087 Depth 4212 Cir. Sub NONE Sampler NONE  
 Bottom Recorder No. 47442 Clock No. 11088 Depth 4397 Insurance NONE

Price of Job \_\_\_\_\_  
 Tool Operator \_\_\_\_\_  
 Approved By \_\_\_\_\_  
 No. 11373

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements of 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.

ORIGINAL

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

## GAS FLOW REPORT

Date 10-24-1995 Ticket # 11373 Company F.B. Hall Company L.L.C.  
 Well Name and No. DOON'A #2-3 DST No. 2 Interval Tested 4190-4220 43  
 County BARBER State KANSAS Sec. 3 Twp. 30<sup>S</sup> Rg. 13<sup>W</sup>

Time Gauge Pre-Flow	Time Gauge in Min.	Inches of Water on Orifice Well Tester	Inches of Mercury on Orifice Well Tester	P.S.I. on Orifice Well Tester	P.S.I. on Pitot Tester	Choke Size	Gas Rate MCF
PRE FLOW							
12:30	Tool OPENED						
12:40	Gas to Surface						
12:45	15	10				1/2	19.9
12:55	25	<del>11</del> 16				1/2	25.1
1:00	30	16				1/2	25.1
1:00	Tool Closed						
SECOND FLOW							
2:00	Tool OPEN						
2:10	10	24				1/2	30.7
2:20	20	12				1/2	21.9
2:30	30	12				1/2	21.9
2:40	40	10				1/2	19.9
2:50	50	9				1/2	18.8
3:00	60	6				1/2	15.4
3:00	Tool Closed						
							RECEIVED KANSAS CORPORATION COMMISSION
							APR 10 1996

### GAS BOTTLE

CONSERVATION DIVISION  
WICHITA, KS

Serial No. \_\_\_\_\_ Date Bottle Filled \_\_\_\_\_ Date to be Invoiced \_\_\_\_\_ Test Ticket # \_\_\_\_\_

Requisition and Provisions for high pressure steel gas bottles, Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and agent for operator, to return this bottle to Superior Testers Enterprises, Inc. within thirty (30) days free of charge or be invoiced in the amount of \$125.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced repairs at our invoiced price.

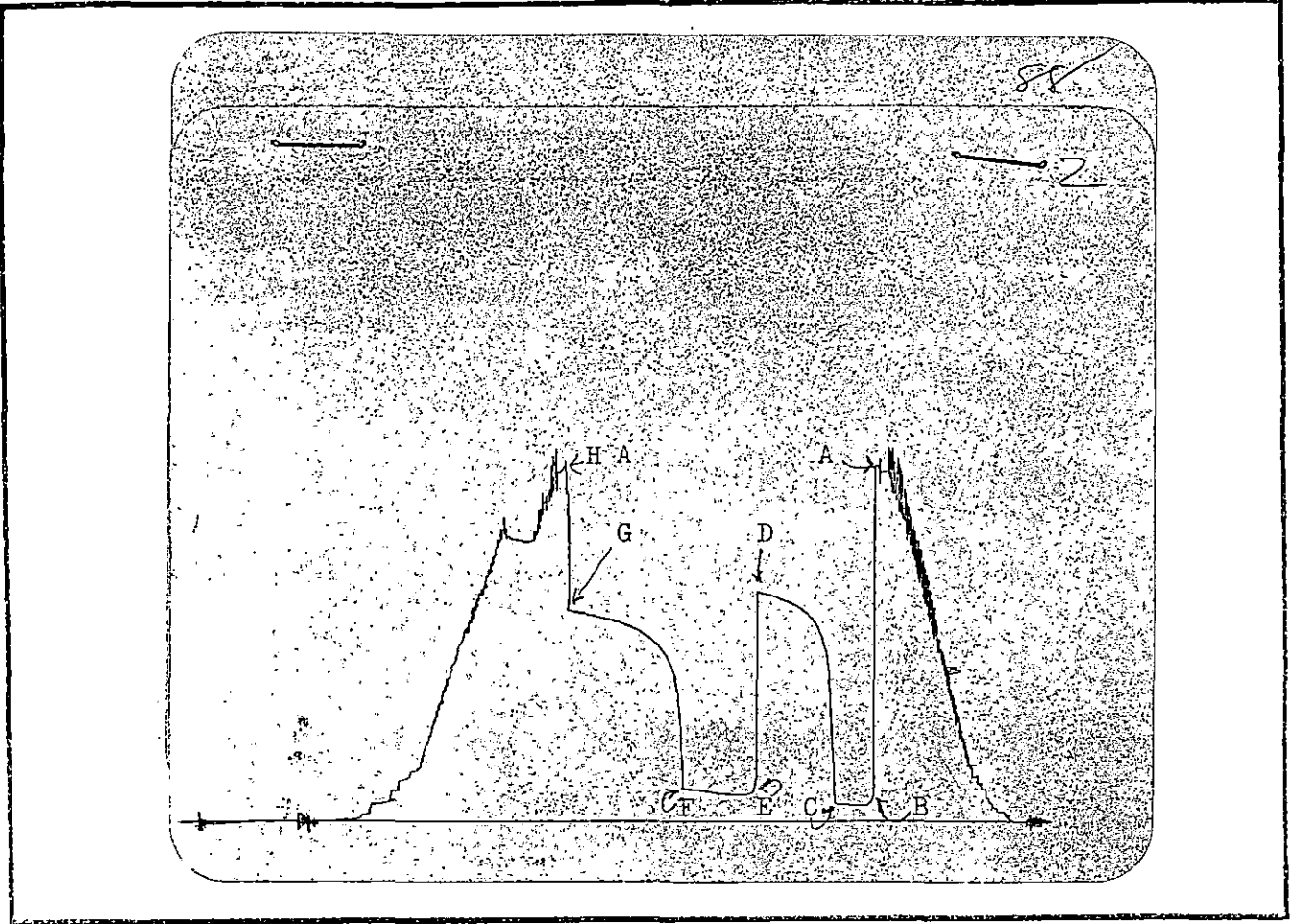
All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME \_\_\_\_\_

Authorized by \_\_\_\_\_

Barber  
 10-24-1995  
 11373  
 F.B. Hall Company L.L.C.  
 DOON'A #2-3  
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 KANSAS CORPORATION COMMISSION  
 APR 10 1996  
 CONSERVATION DIVISION  
 WICHITA, KS  
 Serial No.  
 Date Bottle Filled  
 Date to be Invoiced  
 Test Ticket #  
 Requisition and Provisions for high pressure steel gas bottles, Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and agent for operator, to return this bottle to Superior Testers Enterprises, Inc. within thirty (30) days free of charge or be invoiced in the amount of \$125.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced repairs at our invoiced price.  
 All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.  
 COMPANY'S NAME  
 Authorized by

COMPANY F. G. HOLL Company L. L. C. LEASE- WELL NO Doan 1411 #2-3 SEC 3 TWP 30S RGE 13W TEST NO. 2 DATE 10-24-1995



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud .....	2075	2045	P.S.I.
(B) First Initial Flow Pressure .....	85	93	P.S.I.
(C) First Final Flow Pressure .....	128	107	P.S.I.
(D) Initial Closed-in Pressure .....	1390	1364	P.S.I.
(E) Second Initial Flow Pressure .....	132	154	P.S.I.
(F) Second Final Flow Pressure .....	222	192	P.S.I.
(G) Final Closed-in Pressure .....	1282	1254	P.S.I.
(H) Final Hydrostatic Mud .....	2014	2081	P.S.I.

**RECEIVED**  
KANSAS CORPORATION COMMISSION

APR 10 1996

CONSERVATION DIVISION  
WICHITA, KS

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# Superior Testers Enterprises, Inc. ORIGINAL

R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 10-24-1995 Location C 9/2-S 1/2-N 3-30-S-13-W Elevation 1896 K.F. County BARBER

Company F.G. Hall Company L.L.C. Number of Copies 5

Charts Mailed to 6427 EAST KELLONG P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor STERLING DRILLING RIG #4

Length Drill Pipe 3803 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 485 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 43084 Bottom Packer Depth 43009 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 43089 TO 4342 ANCHOR LENGTH 33 TOTAL DEPTH 4342 Hole Size 7 7/8"

LEASE & WELL NO. DOAN "A" #2-3 FORMATION TESTED MARMATON TEST NO. 3

Mud Weight 9.31 Viscosity 48 Water Loss 84 Chlorides - Pits 6000 D.S.T. \_\_\_\_\_

Maximum Temp. 118 °F Initial Hydrostatic Pressure (A) 2114 P.S.I. Final Hydrostatic Pressure (H) 2082 P.S.I.

Tool Open I.F.P. from 7:15 A.M. to 7:30 P.M. 15 min

Tool Closed I.C.I.P. from 7:30 P.M. to 8:30 P.M. 60 min

Tool Open F.F.P. from 8:30 P.M. to 9:30 P.M. 60 min

Tool Closed F.C.I.P. from 9:30 P.M. to 11:00 P.M. 90 min

from [B] <u>43</u> P.S.I. to [C] <u>51</u> P.S.I.
[D] <u>1531</u> P.S.I.
from [E] <u>62</u> P.S.I. to [F] <u>80</u> P.S.I.
[G] <u>1452</u> P.S.I.

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 2 minutes

Final Blow Strong blow - bottom of the bucket in 10 seconds - DECREASED to fair blow

Total Feet Recovered 75 Gravity of Oil \_\_\_\_\_ Correcter \_\_\_\_\_

4000 Feet of GAS IN THE PIPE 100 % Gas 1 % Oil 0 % Mud 0 % Water

35 Feet of OIL cut mud 0 % Gas 22 % Oil 98 % Mud 0 % Water

40 Feet of OIL & GAS cut mud 10 % Gas 25 % Oil 65 % Mud 0 % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 28225 Clock No. Electronic Depth 4336 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 47441 Clock No. 11088 Depth 4339 Insurance NONE

Price of Job \_\_\_\_\_

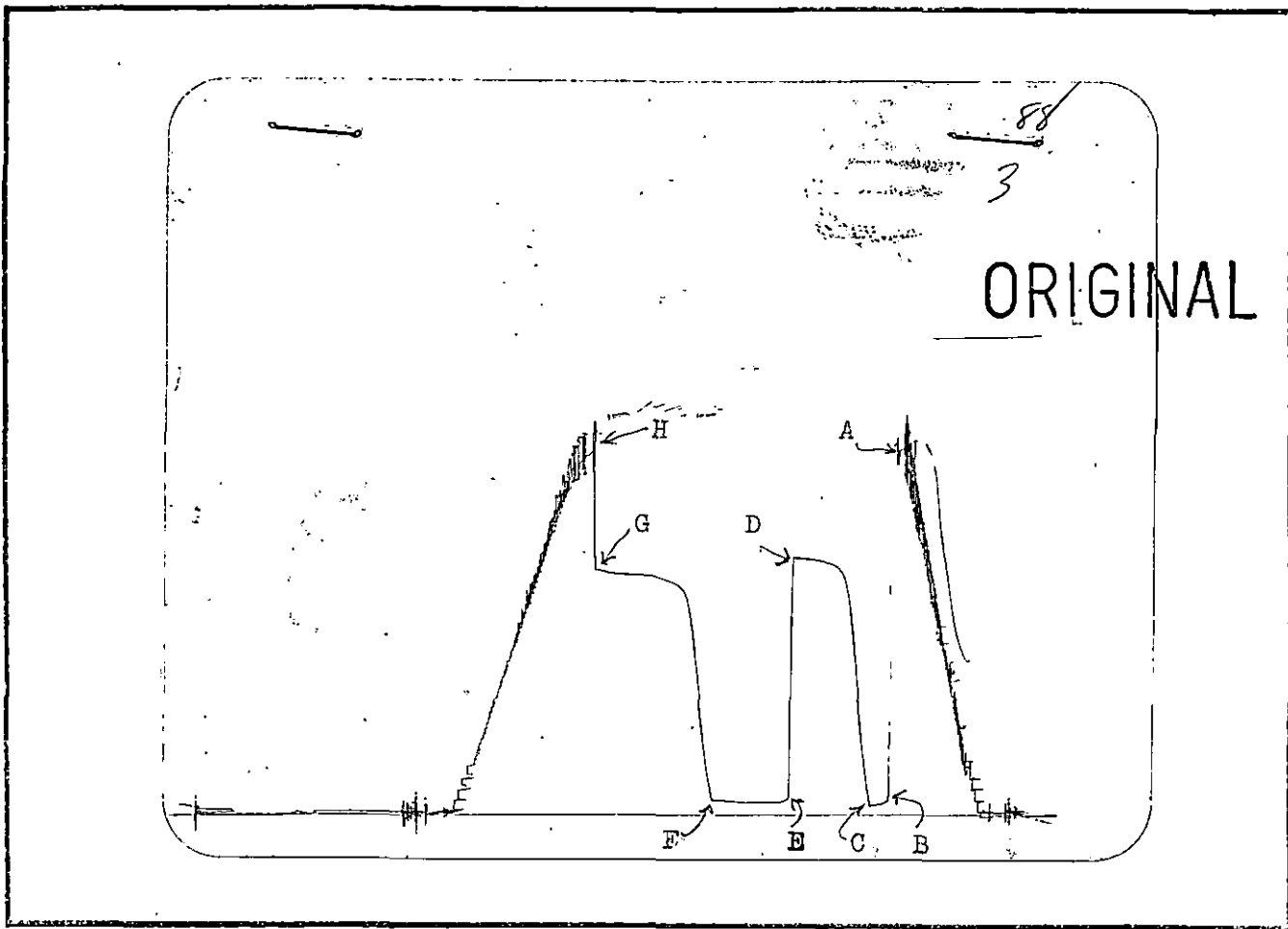
Tool Operator Gene Budig

Approved By \_\_\_\_\_

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, 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.

**NO 11374**





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud .....	<u>2114</u>	<u>2156</u>	P.S.I.
(B) First Initial Flow Pressure .....	<u>43</u>	<u>89</u>	P.S.I.
(C) First Final Flow Pressure .....	<u>51</u>	<u>56</u>	P.S.I.
(D) Initial Closed-in Pressure .....	<u>1531</u>	<u>1527</u>	P.S.I.
(E) Second Initial Flow Pressure .....	<u>62</u>	<u>93</u>	P.S.I.
(F) Second Final Flow Pressure .....	<u>80</u>	<u>90</u>	P.S.I.
(G) Final Closed-in Pressure .....	<u>1452</u>	<u>1454</u>	P.S.I.
(H) Final Hydrostatic Mud .....	<u>2082</u>	<u>2131</u>	P.S.I.

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KANSAS CORPORATION COMMISSION

APR 10 1996

CONSERVATION DIVISION  
WICHITA, KS

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ORIGINAL

# Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 10-23-1995 Location C 1/2 - 1/2 - NW 3-30 - 13W Elevation 1896 K.B. County BARBER

Company F.G. Hall COMPANY L.L.C. Number of Copies 5

Charts Mailed to 6427 East Kellogg P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor STERLING Drilling Rig #4

Length Drill Pipe 382P I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 485 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4355 Bottom Packer Depth 4360 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4360 TO 4420 ANCHOR LENGTH 80 TOTAL DEPTH 4420 Hole Size 7 7/8

LEASE & WELL NO. DOAN "A" #2-3 FORMATION TESTED Mississippi TEST NO. 4

Mud Weight 9.9 Viscosity 62 Water Loss 8.8 Chlorides - Pits 5:00 D.S.T. \_\_\_\_\_

Maximum Temp. 121 °F Initial Hydrostatic Pressure (A) 2142 P.S.I. Final Hydrostatic Pressure (H) 203 P.S.I.

Tool Open I.F.P. from 1:50 P.m to 2:20 P.m 30 min

Tool Closed I.C.I.P. from 2:20 P.m to 3:20 P.m 60 min

Tool Open F.F.P. from 3:20 P.m to 4:20 P.m 60 min

Tool Closed F.C.I.P. from 4:20 P.m to 5:50 P.m 90 min

Initial Blow Good blow - built to the bottom of a 5 Gallon bucket in 30 seconds @

Final Blow Strong Blow Surface in 10 minutes

Total Feet Recovered 75 Gravity of Oil \_\_\_\_\_ Correc \_\_\_\_\_

75 Feet of Gas cut mud % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Wa \_\_\_\_\_

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint YES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 28225 Clock No. Electronic Depth 4414 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 4417 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator Gene Sudzic

Approved By \_\_\_\_\_

No 11375

from [B]	<u>97</u>	P.S.I. to [C]	<u>99</u>	P.S.I.
[D]	<u>1164</u>			P.S.I.
from [E]	<u>99</u>	P.S.I. to [F]	<u>97</u>	P.S.I.
[G]	<u>1108</u>			P.S.I.

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APR 10 1996

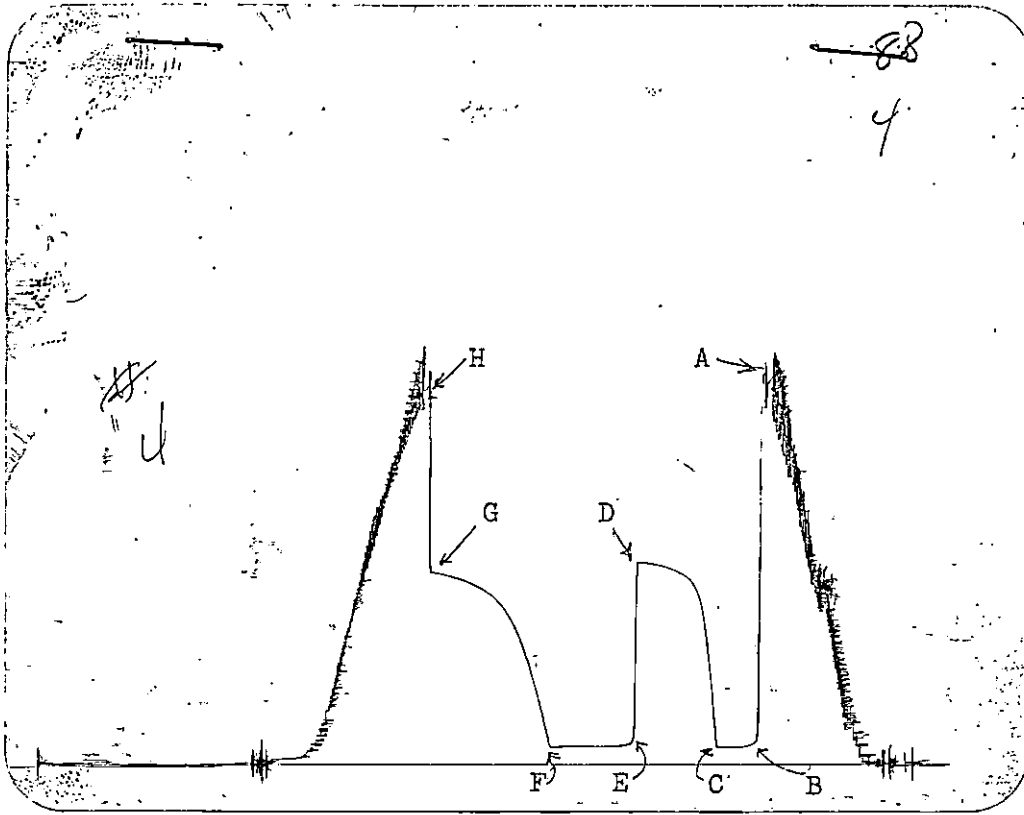
CONSERVATION DIVISION  
WICHITA, KS

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ORIGINAL

COMPANY F.G. Holl Company L.L.C. LEASE- WELL NO Doan "A" #2-3 SEC 3 TWP 30S RGE. 13W TEST NO. #4 DATE 10-25-1995



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	FIELD READING	OFFICE READING	
(A) Initial Hydrostatic Mud .....	<u>2142</u>	<u>2185</u>	P.S.I.
(B) First Initial Flow Pressure .....	<u>97</u>	<u>140</u>	P.S.I.
(C) First Final Flow Pressure .....	<u>99</u>	<u>108</u>	P.S.I.
(D) Initial Closed-in Pressure .....	<u>1164</u>	<u>1157</u>	P.S.I.
(E) Second Initial Flow Pressure .....	<u>99</u>	<u>119</u>	P.S.I.
(F) Second Final Flow Pressure .....	<u>97</u>	<u>107</u>	P.S.I.
(G) Final Closed-in Pressure .....	<u>1108</u>	<u>1102</u>	P.S.I.
(H) Final Hydrostatic Mud .....	<u>2103</u>	<u>2144</u>	P.S.I.

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CONSERVATION DIVISION  
WICHITA, KS

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ORIGINAL

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530  
(316) 792-6902

Date 11-26-1995 Location C. 1/2 W. 1/4 S. 30 T. 13 N Elevation 1896 ft County Barber

Company F.G. Hall COMPANY L.L.C. Number of Copies 5

Charts Mailed to 16427 EAST KELLOGG P.O. Box 780167 Wichita Kansas 67278-0167

Drilling Contractor STERLING DRILLING RIG #4

Length Drill Pipe 3989 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 485 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4480 Bottom Packer Depth 4485 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4485 TO 4528 ANCHOR LENGTH 43 TOTAL DEPTH 4528 Hole Size 7 1/8"

LEASE & WELL NO. Doan "A" #2-3 FORMATION TESTED Viola TEST NO. 5

Mud Weight 9.9 Viscosity 63 Water Loss 8.9 Chlorides - Pits 5000 D.S.T.

Maximum Temp. 122 °F Initial Hydrostatic Pressure (A) 2205 P.S.I. Final Hydrostatic Pressure (H) 2185 P.S.I.

Tool Open I.F.P. from 11:00 A.M. to 11:30 A.M. 30 min

Tool Closed I.C.I.P. from 11:30 A.M. to 12:30 P.M. 60 min

Tool Open F.F.P. from 12:30 P.M. to 1:30 P.M. 60 min

Tool Closed F.C.I.P. from 1:30 P.M. to 2:00 P.M. 90 min

from [B] <u>48</u> P.S.I. to [C] <u>51</u> P.S.I.
[D] <u>734</u> P.S.I.
from [E] <u>51</u> P.S.I. to [F] <u>55</u> P.S.I.
[G] <u>548</u> P.S.I.

Initial Blow Fair blow built to the bottom of the bucket in 3 minutes

Final Blow Steady blow - Decreased to work building blow

Total Feet Recovered 15 Gravity of Oil \_\_\_\_\_ Corrected

2000 Feet of Gas in the Pipe % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water \_\_\_\_\_

15 Feet of Oil cut mud 0 % Gas 2 % Oil 98 % Mud 0 % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

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\_\_\_\_\_ Feet of \_\_\_\_\_ % Gas \_\_\_\_\_ % Oil \_\_\_\_\_ % Mud \_\_\_\_\_ % Water

Remarks \_\_\_\_\_

Extra Equipment - Jars NONE Safety Joint NES Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 28225 Clock No. 510000 Depth 4522 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 11088 Clock No. 47441 Depth 4528 Insurance NONE

Price of Job \_\_\_\_\_

Tool Operator John Ludwig

Approved By \_\_\_\_\_

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Heavy Pole Masts  
Telescoping Single & Double Derricks  
Workover & Completions  
Water & Vacuum Trucks  
High Pressure Pump Truck  
Experienced Crews  
Properly Insured



In Business Since 1946

Kenneth C. Gates, President  
Carl R. Gates, Vice President  
Alma J. Gates, Sec.-Treas.  
P.O. Box 847  
Pratt, Kansas 67124

ORIGINAL

NOV 10 REC'D

WTR6687  
October 30, 1995

COMPANY F G HOLL  
ADDRESS P O BOX 158  
BELPRE KS 67519

No. 1981  
DATE OCTOBER 23, 1995  
CALLED BY

LEASE DOAN <sup>A'23</sup> WELL NO.  
TRUCK SIZE 70 BBLs.  
DRIVER DONNIE FISHER

ORDER NO.  
COUNTY  
TRUCK NUMBER WET THREE

DESCRIPTION	HOURS	RATE	AMOUNT
SUCKED UP FREE WATER FROM TOP OF RESERVE PIT. HAULED 80 BBLs. FRESH WATER TO SWD.	5.00	46.80	234.00
DISPOSAL WELL FEE	80.00	.12	9.60
TOTAL			243.60

TERMS NET CASH--NO DISCOUNT--PAST DUE ACCOUNTS WILL BE CHARGED A FINANCE CHARGE AT THE RATE OF 1 1/2% PER MONTH AFTER 30 DAYS FROM INVOICE DATE. THIS IS AN ANNUAL RATE OF 18%.

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APR 10 1996

CONSERVATION DIVISION  
WICHITA, KS

PRATT WELL SERVICE, INC. COMPANY  
BY DOROTHY FURGASON INVOICE 1 BY

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

ORIGINAL



HALLIBURTON

NOV 10 REC'D

INVOICE

INVOICE NO.	DATE
906779	10/28/1995

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
DOAN "A" 2-3	BARBER	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
PRATT	STERLING DRILLING	CEMENT PRODUCTION CASING	10/28/1995		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	V L THOMPSON			COMPANY TRUCK	98703

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

ORIGINAL

DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI		
			1	UNT	
001-016	CEMENTING CASING	4764	FT		
			1	UNT	
030-016	CEMENTING PLUG SW ALUM TOP	4	1/2 IN		
			1	EA	
018-317	SUPER FLUSH	12	SK		
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA		
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA		
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA		
815.19113					
40	CENTRALIZER 4-1/2 X 7-7/8	6	EA		
806.60004					
60	ROTO WALL SCRATCHERS	40	EA		
807.0007					
019-240	CASING SWIVEL W/WALL CLEANERS	1	EA		
504-316	CEMENT - HALL. LIGHT STANDARD	75	SK		
504-130	CEMENT - 50/50 POZMIX STANDARD	225	SK		
508-291	GILSONITE BULK	1125	LB		
509-968	SALT	2100	LB		
507-210	FLOCELE	28	LB		
507-153	CFR-3	140	LB		
509-968	SALT	400	LB		
500-207	BULK SERVICE CHARGE	361	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	291.51	TMI		

INVOICE SUBTOTAL

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

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CONSERVATION DIVISION  
WICHITA, KS

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.



ORIGINAL

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



INVOICE

INVOICE NO.	DATE
906665	10/16/1995

WELL/LEASE NO./PROJECT DOAN "A" 2-3 ENTER		WELL/PROJECT LOCATION PRATT		STATE KS	OWNER SAME
SERVICE LOCATION PRATT		CONTRACTOR STERLING DRILLING	JOB PURPOSE CEMENT CONDUCTOR CASING		TICKET DATE 10/16/1995
ACCT. NO. 392900	CUSTOMER AGENT V L THOMPSON	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 97972

ORIGINAL

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

OCT 27 REC'D

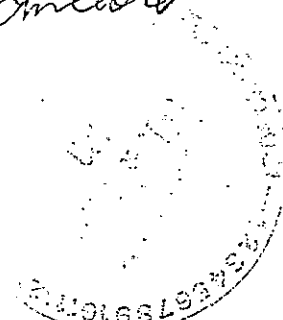
DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI		
		1	UNT		
001-016	CEMENTING CASING	58	FT		
		1	UNT		
504-136	CEMENT - 40/60 POZNIX STANDARD	100	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK		
500-207	BULK SERVICE CHARGE	106	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	87.67	TMI		

INVOICE SUBTOTAL

DISCOUNT - (BID)  
INVOICE BID AMOUNT

\*-KANSAS STATE SALES TAX  
\*-PRATT COUNTY SALES TAX



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CONSERVATION DIVISION  
WICHITA, KS

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

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

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

ORIGINAL



HALLIBURTON

ORIGINAL

INVOICE

INVOICE NO.	DATE
835525	10/18/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
DOAN "A" / 2- <b>ENTERED NOV 10 1995</b>		BARBER		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT	STERLING DRILLING	CEMENT SURFACE CASING		10/18/1995	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
392900	V L THOMPSON			COMPANY TRUCK	98155

F G HOLL  
P O BOX 158  
BELPRE, KS 67519

NOV 6 REC'D

DIRECT CORRESPONDENCE TO:  
P.O. BOX 1598  
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	40	MI		
		1	UNT		
001-016	CEMENTING CASING	1004	FT		
		1	UNT		
030-503	WOODEN TOP PLUG	8 5/8	IN		
		1	EA		
24A	INSERT FLOAT VALVE - 8 5/8" 8RD	1	EA		
815.19502					
27	FILL-UP UNIT 7" - 8 5/8"	1	EA		
815.19415					
001-018	CEMENTING CASING - ADD HRS	2	HR		
		1	UNT		
001-018	CEMENTING CASING - ADD HRS	2	HR		
		1	UNT		
504-280	MIDCON-2 STANDARD CEMENT	350	SK		
509-406	ANHYDROUS CALCIUM CHLORIDE	10	SK		
507-210	FLOCELE	88	LB		
500-207	BULK SERVICE CHARGE	395	CFT		
500-306	MILEAGE CMTG MAT DEL OR RETURN	351.88	TMI		

INVOICE SUBTOTAL

DISCOUNT-(BID)  
INVOICE BID AMOUNT

\*- KANSAS STATE SALES TAX  
\*- PRATT COUNTY SALES TAX

RECEIVED  
KANSAS CORPORATION COMMISSION

APR 10 1996

CONSERVATION DIVISION  
WICHITA, KS

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

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 30% of the unpaid account plus all collection and court costs.