

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1 HANKE TRUST Test No. 1 Date 7/24/92
Company CLYDE BECKER Zone UPPER KEYS
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 3416 K.B.
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #3 Est. Ft. of Pay 12
Location: Sec. 32 Twp. 31S Rge. 41W Co. MORTON State KS

Interval Tested <u>5220-5240</u>	Drill Pipe Size <u>4.5 FH</u>
Anchor Length <u>20</u>	Wt. Pipe I.D. - 2.7 Ft. Run <u>716</u>
Top Packer Depth <u>5215</u>	Drill Collar - 2.25 Ft. Run <u>9.1</u>
Bottom Packer Depth <u>5220</u>	Mud Wt. <u>46</u> lb/Gal.
Total Depth <u>5240</u>	Viscosity <u>9</u> Filtrate <u>9</u>

Tool Open @ 4:50 PM Initial Blow WEAK SURFACE BLOW -DIED IN 6 MINUTES

Final Blow NO BLOW-FLUSHED TOOL - GOT SURGE - NO BLOW

Recovery - Total Feet 5 Flush Tool? YES

Rec. <u>5</u>	Feet of <u>DRILLING MUD</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 800 ppm System

(A) Initial Hydrostatic Mud 2560.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure _____ PSI @ (depth) 5223 w / Clock No. 27594

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 1177.4 PSI @ (depth) 5237 w / Clock No. 30418

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

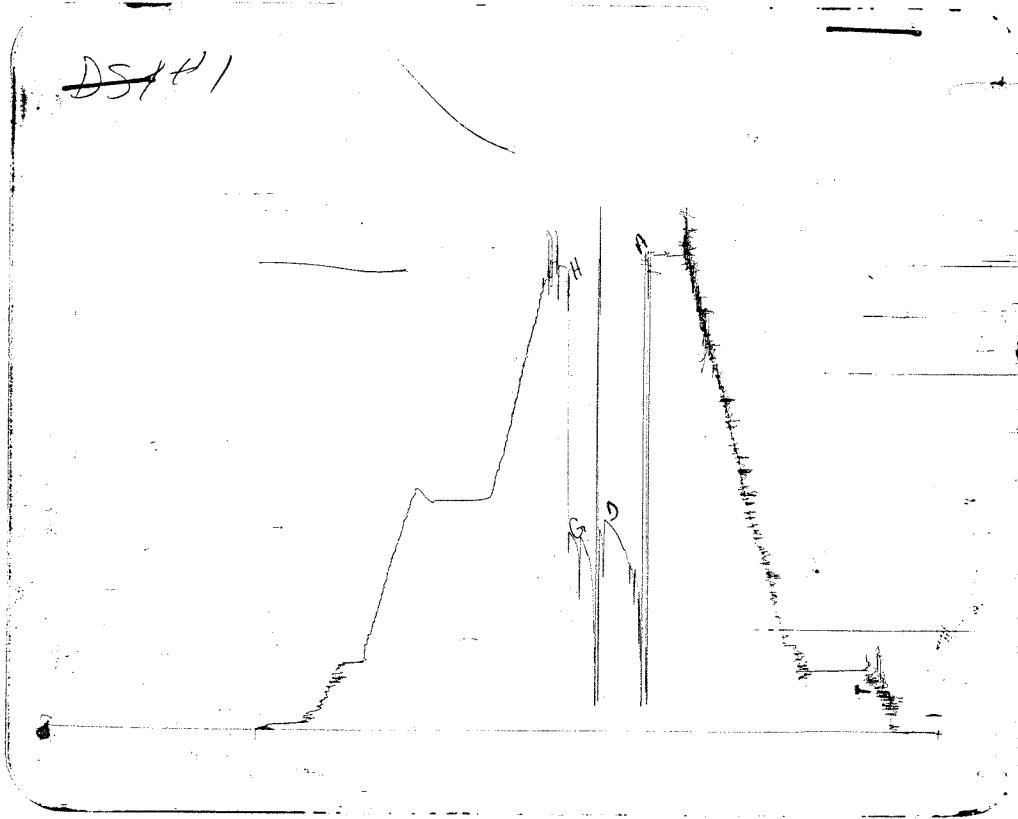
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1131.2 PSI Initial Opening 10 Final Flow 10

(H) Final Hydrostatic Mud 2522.4 PSI Initial Shut-in 15 Final Shut-in 15

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2553	2560.3
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE	1172	1177.4
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE	1129	1131.2
(H) FINAL HYDROSTATIC MUD	2521	2522.4

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5037

Well Name & No. <u>Hanke Trust #1</u>	Test No. <u>41</u>	Date <u>7-24-92</u>
Company <u>Clyde Becker</u>	Zone Tested <u>Upper Keys</u>	
Address <u>212 1st Nat. Bldg. Ponca City OK 74601</u>	Elevation <u>3416 (KB)</u>	
Co. Rep./Geo. <u>Clyde Becker JR.</u>	cont. <u>Cheyenne Drly #3</u>	Est. Ft. of Pay <u>12'</u>
Location: Sec. <u>32</u>	Twp. <u>31</u>	Rge. <u>41</u>
Co. <u>Merton</u>	State <u>KS</u>	
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>5220-5240</u>	Drill Pipe Size <u>4.5 F-Hole</u>
Anchor Length <u>20'</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>5215</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>5220</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>5240</u>	Drill Collar — 2.25 Ft. Run <u>716'</u>
Mud Wt. <u>9.1</u> lb/gal.	Viscosity <u>46</u> Filtrate <u>9.0</u>
Tool Open @ <u>4:50 pm</u> Initial Blow <u>weak surface blow - died in 6 min.</u>	
Final Blow <u>no blow. flush tool got surge - no blow</u>	

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

BHT <u>122'</u> °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides <u>800</u> ppm System
(A) Initial Hydrostatic Mud <u>2553</u> PSI AK1 Recorder No. <u>13277</u> Range <u>4125</u>
(B) First Initial Flow Pressure _____ PSI @ (depth) <u>5223</u> w/Clock No. <u>27594</u>
(C) First Final Flow Pressure _____ PSI AK1 Recorder No. <u>5495</u> Range <u>4200</u>
(D) Initial Shut-In Pressure <u>1172</u> PSI @ (depth) <u>5237</u> w/Clock No. <u>30418</u>
(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure <u>1129</u> PSI Initial Opening <u>10</u> Test <u>X</u>
(H) Final Hydrostatic Mud <u>2521</u> PSI Initial Shut-In <u>15</u> Jars <u>1</u>

TRILOBITE TESTING L.L.C. 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 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.

Final Flow <u>10</u>	Safety Joint <u>1</u>
Final Shut-In <u>15</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Other <u>plug tool</u>
	TOTAL PRICE \$ _____

Approved By Clyde M. Becker Jr.

Our Representative Tom Horacek

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1 HANKE TRUST Test No. 2 Date 7/25/92
Company CLYDE BECKER Zone KEYS
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 3416 K.B.
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #3 Est. Ft. of Pay _____
Location: Sec. 32 Twp. 31S Rge. 41W Co. MORTON State KS

Interval Tested 5252-5276
Anchor Length 24
Top Packer Depth 5247
Bottom Packer Depth 5252
Total Depth 5276

Drill Pipe Size 4.5 FH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 716
Mud Wt. 9.1 lb/Gal.
Viscosity 49 Filtrate 9.4

Tool Open @ 11:40 AM Initial Blow WEAK BLOW - BUILT TO 1/2"

Final Blow NO BLOW-FLUSHED TOOL - GOT SURGE - NO BLOW

Recovery - Total Feet 20 Flush Tool? YES

Rec. 20 Feet of DRILLING MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 900 ppm System

(A) Initial Hydrostatic Mud 2570.5 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure _____ PSI @ (depth) 5258 w / Clock No. 27594

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 1040.6 PSI @ (depth) 5273 w / Clock No. 30418

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

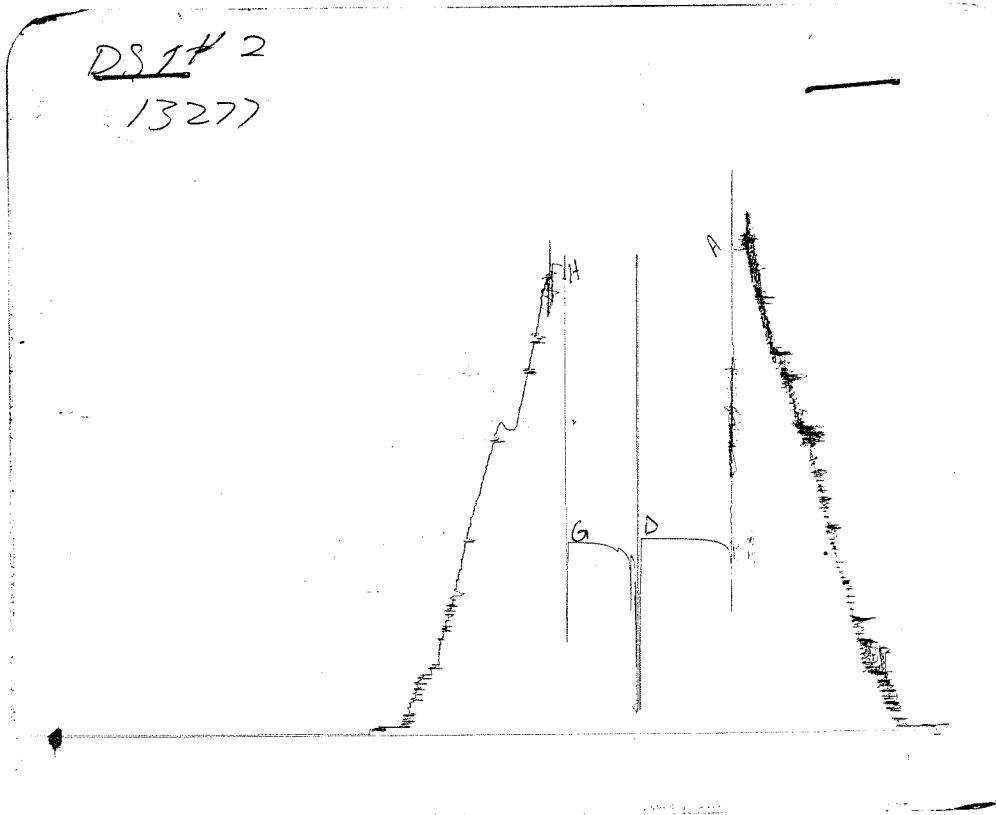
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1040.6 PSI Initial Opening 20 Final Flow 20

(H) Final Hydrostatic Mud 2533.5 PSI Initial Shut-in 35 Final Shut-in 35

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

FIELD
READING

OFFICE
READING

(A) INITIAL HYDROSTATIC MUD	2563	2570.5
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE	1034	1040.6
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE	1034	1040.6
(H) FINAL HYDROSTATIC MUD	2532	2533.5

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5038

Well Name & No. <u>Hanke Trust #1</u>	Test No. <u>#2</u>	Date <u>7-25-92</u>
Company <u>Clyde Becker</u>	Zone Tested <u>Key</u>	
Address <u>212 1st Nat Bldg. Ponca City OK 74601</u>	Elevation <u>3416 (KB)</u>	
Co. Rep./Geo. <u>Clyde Becker JR.</u>	cont. <u>Cheyenne Drilling #3</u>	Est. Ft. of Pay <u></u>
Location: Sec. <u>32</u>	Twp. <u>31</u>	Rge. <u>41</u>
Co. <u>Morton</u>	State <u>Ks.</u>	
No. of Copies <u></u>	Distribution Sheet <u></u>	Yes <u></u> No <u></u> Turnkey <u></u> Yes <u></u> No <u></u> Evaluation <u></u>

Interval Tested 5252-5276 Drill Pipe Size 4.5 F-Hole
 Anchor Length 24' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 5247 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 5252 Wt. Pipe I.D. — 2.7 Ft. Run
 Total Depth 5276 Drill Collar — 2.25 Ft. Run 716'
 Mud Wt. 9.1 lb/gal. Viscosity 49 Filtrate 9.4
 Tool Open @ 11:40 AM Initial Blow weak blow - built to 1/2 in.

Final Blow NO blow - flushed tool - got surge - no blow

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?
<u>20'</u>	<u></u>	<u>yes</u>
Rec. <u></u> Feet Of <u></u>	%gas <u></u> %oil <u></u> %water <u></u> %mud <u></u>	
Rec. <u></u> Feet Of <u></u>	%gas <u></u> %oil <u></u> %water <u></u> %mud <u></u>	
Rec. <u>20'</u> Feet Of <u>Drill mud</u>	%gas <u></u> %oil <u></u> %water <u></u> %mud <u></u>	
Rec. <u></u> Feet Of <u></u>	%gas <u></u> %oil <u></u> %water <u></u> %mud <u></u>	
Rec. <u></u> Feet Of <u></u>	%gas <u></u> %oil <u></u> %water <u></u> %mud <u></u>	

BHT 122 °F Gravity °API @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 900 ppm System

(A) Initial Hydrostatic Mud 2563 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure PSI @ (depth) 5258 w/Clock No. 27594

(C) First Final Flow Pressure PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-In Pressure 1034 PSI @ (depth) 5273 w/Clock No. 30418

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

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

(G) Final Shut-In Pressure 1034 PSI Initial Opening 20 Test X 500.01 MP

(H) Final Hydrostatic Mud 2532 PSI Initial Shut-In 35 Jars X 2200

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Final Flow 20 Safety Joint X 2200

Final Shut-In 35 Straddle

Circ. Sub

Sampler

Extra Packer

Other plugged tool

Approved By Clyde M. Becker Jr.

Our Representative Tom Horvath

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1 HANKE TRUST Test No. 3 Date 7/26/92
Company CLYDE BECKER Zone KEYS
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 3416 K.B.
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #3 Est. Ft. of Pay _____
Location: Sec. 32 Twp. 31S Rge. 41W Co. MORTON State KS

Interval Tested <u>5220-5276</u>	Drill Pipe Size <u>4.5 FH</u>
Anchor Length <u>56</u>	Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth <u>5215</u>	Drill Collar - 2.25 Ft. Run <u>716</u>
Bottom Packer Depth <u>5220</u>	Mud Wt. <u>9.2</u> lb/Gal.
Total Depth <u>5276</u>	Viscosity <u>52</u> Filtrate <u>9.2</u>

Tool Open @ 2:25 AM Initial Blow WEAK BLOW - BUILT TO 1/2" - FLUSHED TOOL

Final Blow NO BLOW-FLUSHED TOOL - GOT SURGE - WEAK BLOW
DIED IN 2 MINUTES

Recovery - Total Feet 10 Flush Tool? YES

Rec. <u>10</u>	Feet of <u>DRILLING MUD</u>
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____
Rec. _____	Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 900 ppm System

(A) Initial Hydrostatic Mud 2560.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure _____ PSI @ (depth) 5225 w / Clock No. 27594

(C) First Final Flow Pressure _____ PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 1210.4 PSI @ (depth) 5273 w / Clock No. 30418

(E) Second Initial Flow Pressure _____ PSI AK1 Recorder No. _____ Range _____

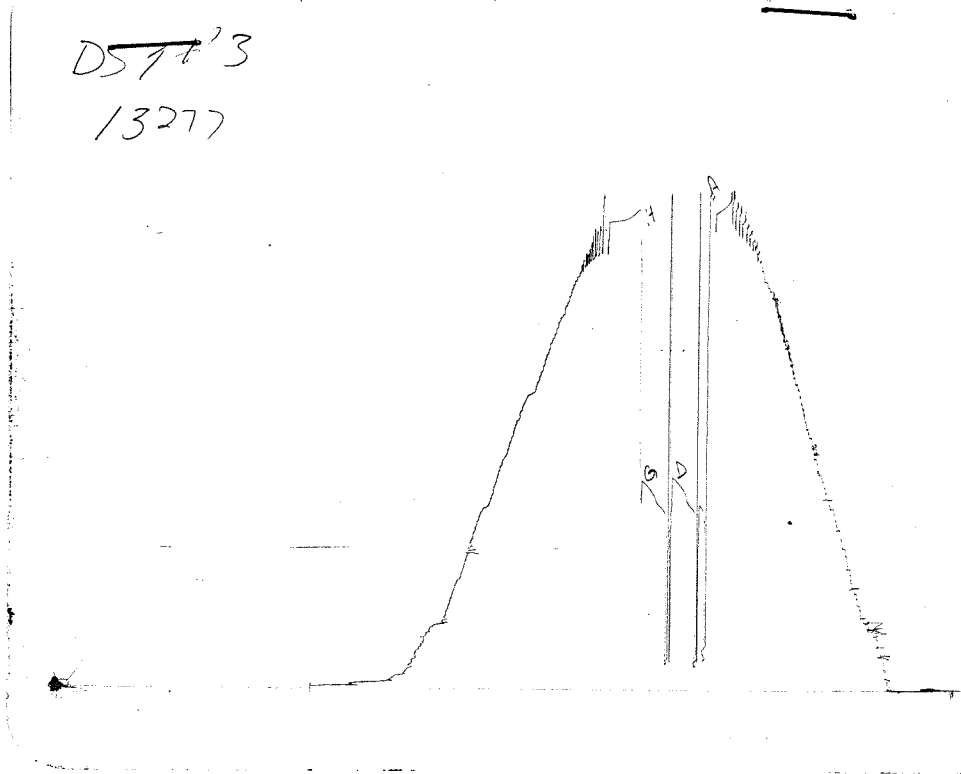
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1188.9 PSI Initial Opening 10 Final Flow 10

(H) Final Hydrostatic Mud 2533.5 PSI Initial Shut-in 10 Final Shut-in 10

Our Representative TOM HORACEK

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2553	2560.3
(B) FIRST INITIAL FLOW PRESSURE		
(C) FIRST FINAL FLOW PRESSURE		
(D) INITIAL CLOSED-IN PRESSURE	1203	1210.4
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE	1182	1188.9
(H) FINAL HYDROSTATIC MUD	2532	2533.5

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5039

Well Name & No. <u>Hanke Trust #1</u>	Test No. <u>#3</u>	Date <u>7-26-92</u>
Company <u>Clyde Becker</u>	Zone Tested <u>Keys</u>	
Address <u>212 W. Main Bldg. Ponca City OK 74601</u>	Elevation <u>3416 (KB)</u>	
Co. Rep./Geo. <u>Clyde Becker Jr.</u>	Cont. <u>Shayenne Dely</u>	Est. Ft. of Pay _____
Location: Sec. <u>32</u>	Twp. <u>31</u>	Rge. <u>41</u>
Co. <u>Marion</u>	State <u>Ks</u>	
No. of Copies _____	Distribution Sheet _____	Yes <u>X</u> No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>5220-5276</u>	Drill Pipe Size <u>4.5 F-1166</u>
Anchor Length <u>56</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>5215</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>5220</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>5276</u>	Drill Collar — 2.25 Ft. Run <u>716'</u>
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>52</u> Filtrate <u>9.2</u>
Tool Open @ <u>2:25 AM</u> Initial Blow <u>weak blow - built to 1/2 in. flushed tool</u>	

Final Blow NO blow - flushed tool got surge - weak blow died in 2 min.

Recovery — Total Feet <u>10'</u>	Feet of Gas in Pipe _____	Flush Tool? <u>yes</u>
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. <u>10'</u> Feet Of <u>Dry mud</u>	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT <u>122</u> °F	Gravity _____ °API @ _____ °F	Corrected Gravity _____ °API
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery Chlorides <u>900</u> ppm System
(A) Initial Hydrostatic Mud <u>2553</u> PSI	AK1 Recorder No. <u>13277</u>	Range <u>4125</u>
(B) First Initial Flow Pressure _____ PSI	@ (depth) <u>5225</u>	w/Clock No. <u>27594</u>
(C) First Final Flow Pressure _____ PSI	AK1 Recorder No. <u>5495</u>	Range <u>4200</u>
(D) Initial Shut-In Pressure <u>1203</u> PSI	@ (depth) <u>5273</u>	w/Clock No. <u>30418</u>
(E) Second Initial Flow Pressure _____ PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure _____ PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-In Pressure <u>1182</u> PSI	Initial Opening <u>10</u>	Test <u>X</u> <u>50000</u>
(H) Final Hydrostatic Mud <u>2532</u> PSI	Initial Shut-In <u>10</u>	Jars <u>X</u> <u>20000</u>

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Final Flow <u>10</u>	Safety Joint <u>1</u> <u>5000</u>
Final Shut-In <u>10</u>	Straddle _____
	Circ. Sub _____
	Sampler _____

Approved By _____

Our Representative Tom Horvath

Extra Packer _____

Other plugged tool

TOTAL PRICE \$ 5000

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name #1 HANKE TRUST Test No. 4 Date 7/27/92
Company CLYDE BECKER Zone KEYS
Address 212 1st NAT'L BANK BLDG PONCA CITY OK 74601 Elevation 3416 K.B.
Co. Rep./Geo. CLYDE BECKER Cont. CHEYENNE DRLG #3 Est. Ft. of Pay _____
Location: Sec. 32 Twp. 31S Rge. 41W Co. MORTON State KS

Interval Tested 5278-5296
Anchor Length 18
Top Packer Depth 5273-5278
Bottom Packer Depth 5296
Total Depth 5390

Drill Pipe Size 4.5 FH
Wt. Pipe I.D. - 2.7 Ft. Run _____
Drill Collar - 2.25 Ft. Run 625
Mud Wt. 9.2 lb/Gal.
Viscosity 56 Filtrate 9

Tool Open @ 8:40 AM Initial Blow WEAK BLOW BUILT TO 1 1/3"-TOOL SLID 3ft -STRONG
BLOW-BUILT TO BOTTOM OF BUCKET IN 3 MIN/ISI:BLED OFF BLOW-NO BLOW BACK
Final Blow 1/2" BLOW-BUILT TO BOTTOM OF BUCKET IN 30 MINUTES
FSI:BLED OFF BLOW-NO BLOW BACK

Recovery - Total Feet 330 Flush Tool? NO

Rec. 240 Feet of GAS IN PIPE
Rec. 120 Feet of GSY DRILLING MUD
Rec. 60 Feet of GSY OIL CUT WATERY MUD-60%GAS/8%OIL/12%WTR/20%MUD
Rec. 150 Feet of SALT WATER
Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.25 @ 70 °F Chlorides 28000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud 2566.4 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 71.2 PSI @ (depth) 5281 w / Clock No. 27594

(C) First Final Flow Pressure 90.6 PSI AK1 Recorder No. 5495 Range 4200

(D) Initial Shut-in Pressure 748.6 PSI @ (depth) 5288 w / Clock No. 30418

(E) Second Initial Flow Pressure 111.4 PSI AK1 Recorder No. 11038 Range 5075

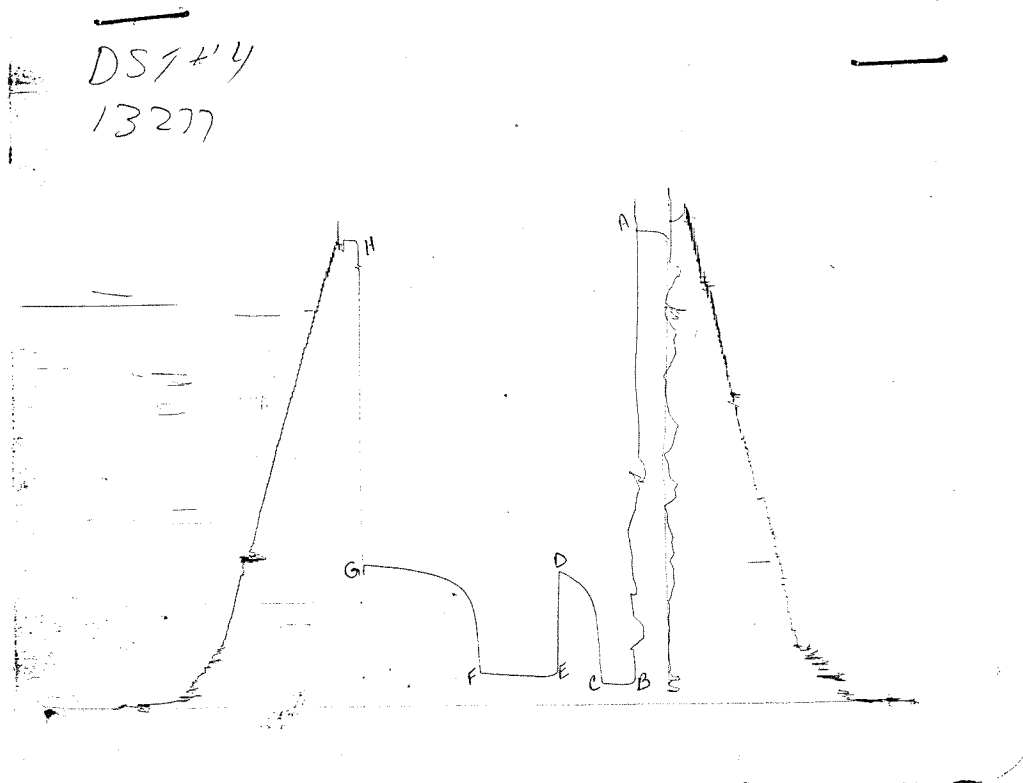
(F) Second Final Flow Pressure 166.8 PSI @ (depth) 5387 w / Clock No. 3942

(G) Final Shut-in Pressure 782.3 PSI Initial Opening 40 Final Flow 50

(H) Final Hydrostatic Mud 2533.5 PSI Initial Shut-in 30 Final Shut-in 75

Our Representative TOM HORACEK

CHART PAGE

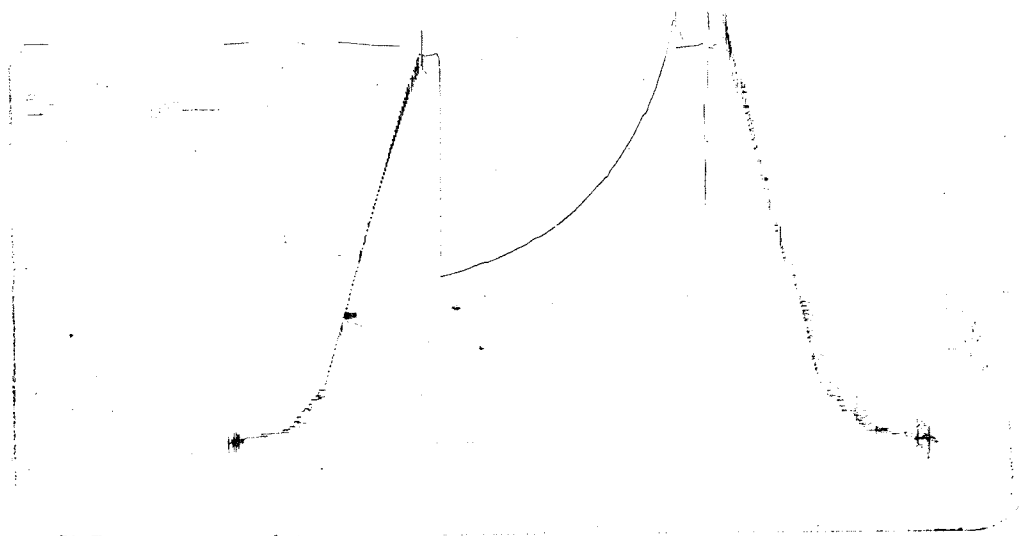


This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2563	2566.4
(B) FIRST INITIAL FLOW PRESSURE	67	71.2
(C) FIRST FINAL FLOW PRESSURE	89	90.6
(D) INITIAL CLOSED-IN PRESSURE	749	748.6
(E) SECOND INITIAL FLOW PRESSURE	112	111.4
(F) SECOND FINAL FLOW PRESSURE	167	166.8
(G) FINAL CLOSED-IN PRESSURE	780	782.3
(H) FINAL HYDROSTATIC MUD	2532	2533.5

CHART PAGE

F-DST 44
11038



This is an actual photograph of recorder chart

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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N2 5040

Well Name & No. <u>Hanke Trust #1</u>	Test No. <u>44</u>	Date <u>7-27-92</u>
Company <u>Clyde Becker</u>	Zone Tested <u>Keys</u>	
Address <u>212 1st Nat. Bldg. Ponca City, OK 74601</u>	Elevation <u>3416 (LB)</u>	
Co. Rep./Geo. <u>Clyde Becker JR.</u>	Cont. <u>Phyllis Dr. #3</u>	Est. Ft. of Pay _____
Location: Sec. <u>32</u>	Twp. <u>31</u>	Rge. <u>41</u>
	Co. <u>Morton</u>	State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet _____	Yes <u>X</u> No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>5278 - 5296</u>	Drill Pipe Size <u>4.5 in. 11.1</u>
Anchor Length <u>18'</u>	Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth <u>5273 - 5278</u>	Hole Size — 77/8" _____ Rubber Size — 63/4" _____
Bottom Packer Depth <u>5296</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>5390</u>	Drill Collar — 2.25 Ft. Run <u>625'</u>
Mud Wt. <u>9.2</u> lb/gal.	Viscosity <u>56</u> Filtrate <u>9.0</u>
Tool Open @ <u>8:40 AM</u> Initial Blow <u>weak blow built to 1 1/2 in tool slid 3 ft. strong blow - built to bottom of bucket 3 min. IST - bled off blow - NO blow back</u>	
Final Blow <u>1/2 blow - built to bottom of bucket 30 min. IST - bled off blow - NO blow back</u>	

Recovery — Total Feet <u>330</u>	Feet of Gas in Pipe <u>240'</u>	Flush Tool? <u>NO</u>
Rec. _____ Feet Of _____	%gas _____ %Oil _____ %water _____ %mud _____	
Rec. <u>120</u> Feet Of <u>GDM</u>	%gas _____ %Oil _____ %water _____ %mud _____	
Rec. <u>60</u> Feet Of <u>GOCWM</u>	<u>60</u> %gas <u>8</u> %Oil <u>12</u> %water <u>20</u> %mud	
Rec. <u>150</u> Feet Of <u>SW</u>	%gas _____ %Oil _____ %water _____ %mud _____	
Rec. _____ Feet Of _____	%gas _____ %Oil _____ %water _____ %mud _____	

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 1.25 @ 70 °F Chlorides 28000 ppm Recovery Chlorides 1000 ppm System

(A) Initial Hydrostatic Mud <u>2563</u>	PSI	AK1 Recorder No. <u>13277</u>	Range <u>4125</u>
(B) First Initial Flow Pressure <u>67</u>	PSI	@ (depth) <u>5281</u>	w/Clock No. <u>27594</u>
(C) First Final Flow Pressure <u>89</u>	PSI	AK1 Recorder No. <u>5495</u>	Range <u>4200</u>
(D) Initial Shut-In Pressure <u>749</u>	PSI	@ (depth) <u>5288</u>	w/Clock No. <u>30410</u>
(E) Second Initial Flow Pressure <u>112</u>	PSI	AK1 Recorder No. <u>11035</u>	Range <u>5075</u>
(F) Second Final Flow Pressure <u>167</u>	PSI	@ (depth) <u>5387</u>	w/Clock No. <u>3942</u>
(G) Final Shut-In Pressure <u>780</u>	PSI	Initial Opening <u>40</u>	Test <u>X</u> <u>4000</u>
(H) Final Hydrostatic Mud <u>2532</u>	PSI	Initial Shut-In <u>30</u>	Jars <u>X</u> <u>4000</u>

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Final Flow <u>50</u>	Safety Joint <u>X</u> <u>4000</u>
Final Shut-In <u>75</u>	Straddle <u>X</u> <u>4000</u>
	Circ. Sub _____
	Sampler _____
	Extra Packer <u>X</u> <u>4000</u>
	Other _____

Approved By Clyde M. Becker Jr.

Our Representative Tom Horbeck