

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name EAD'S #1 Test No. 1 Date 7/25/92
Company KENNETH S. WHITE Zone HERRINGOTN
Address 200 E FIRST #210 WICHITA KS 67202 Elevation 1989 G.L.
Co. Rep./Geo. TOM ROBINSON Cont. PICKRELL DRLG Est. Ft. of Pay _____
Location: Sec. 22 Twp. 29S Rge. 14W Co. PRATT State KS

Interval Tested 2208-2255 Drill Pipe Size 4.5" XH
Anchor Length 47 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 2203 Drill Collar - 2.25 Ft. Run 180
Bottom Packer Depth 2208 Mud Wt. 9.8 lb/Gal.
Total Depth 2255 Viscosity 35 Filtrate N/A

Tool Open @ 1:30 PM Initial Blow VERY WEAK FOR 3 MINUTES

Final Blow NONE

Recovery - Total Feet 2 Flush Tool? NO

Rec. 2 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 93 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides N/A ppm System

(A) Initial Hydrostatic Mud 1245.6 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 33.6 PSI @ (depth) 2222 w / Clock No. 26199

(C) First Final Flow Pressure 33.6 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 710.4 PSI @ (depth) 2255 w / Clock No. 30401

(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 _____ PSI Initial Opening 15 Final Flow 5

(H) Final Hydrostatic Mud 1240.3 PSI Initial Shut-in 30 Final Shut-in _____

Our Representative HARRY SCHMIDT

CHART PAGE

#13754
TIR # 5111



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1241	1245.6
(B) FIRST INITIAL FLOW PRESSURE	30	33.6
(C) FIRST FINAL FLOW PRESSURE	30	33.6
(D) INITIAL CLOSED-IN PRESSURE	705	710.4
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	1241	1240.3

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5111

Well Name & No. EAD'S #1 Test No. ONE Date 7-25-92
Company KENNETH S. WHITE Zone Tested HERRINGTON
Address 200 E. FIRST, SUITE 210 WICHITA KS. 67202 Elevation 1989 GL
Co. Rep./Geo. TOM ROBINSON Cont. PICKRELL Est. Ft. of Pay _____
Location: Sec. 22 Twp. 29 S Rge. 14 W Co. PRATT State KS
No. of Copies 10 Distribution Sheet _____ Yes _____ No Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 2208 TO 2255 Drill Pipe Size 4 1/2" X 14
Anchor Length 47' Top Choke — 1" Bottom Choke — 3/4"
Top Packer Depth 2203 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth 2208 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 2255 Drill Collar — 2.25 Ft. Run 180
Mud Wt. 9.8 lb/gal. Viscosity 35 Filtrate N/C
Tool Open @ 1:30 P Initial Blow VERY WEAK FOR 3 MIN.

Final Blow NONE

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?		
<u>2</u>		<u>NO</u>		
Rec. <u>2</u> Feet Of <u>MUD</u>	%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 _____ °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System
(A) Initial Hydrostatic Mud 1241 PSI AK1 Recorder No. 13754 Range 4000
(B) First Initial Flow Pressure 30 PSI @ (depth) 2222 w/Clock No. 26199
(C) First Final Flow Pressure 30 PSI AK1 Recorder No. 7437 Range 4200
(D) Initial Shut-In Pressure 705 PSI @ (depth) 2255 w/Clock No. 30401
(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 — PSI Initial Opening 15 Test 55000
(H) Final Hydrostatic Mud 1241 PSI Initial Shut-In 30 Jars _____

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 5 Safety Joint _____
Final Shut-In — Straddle _____
Circ. Sub _____
Sampler _____

Approved By _____
Our Representative [Signature]
Printcraft Printers - Hays, KS
Extra Packer _____
Other _____
TOTAL PRICE \$ 55000

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name EAD'S #1 Test No. 2 Date 7/29/92
Company KENNETH S. WHITE Zone BASE KS CITY
Address 200 E FIRST #210 WICHITA KS 67202 Elevation 1989 G.L.
Co. Rep./Geo. TOM ROBINSON Cont. PICKRELL DRLG Est. Ft. of Pay _____
Location: Sec. 22 Twp. 29S Rge. 14W Co. PRATT State KS

Interval Tested 4392-4416 Drill Pipe Size 4.5" XH
Anchor Length 24 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4387 Drill Collar - 2.25 Ft. Run 240
Bottom Packer Depth 4392 Mud Wt. 9.3 lb/Gal.
Total Depth 4416 Viscosity 50 Filtrate 10.4

Tool Open @ 1:00 AM Initial Blow VERY WEAK FOR 5 MINUTES

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? YES

Rec. 5 Feet of MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6000 ppm System

(A) Initial Hydrostatic Mud 2244.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 25.6 PSI @ (depth) 4397 w / Clock No. 26199

(C) First Final Flow Pressure 25.6 PSI AK1 Recorder No. 7437 Range 4200

(D) Initial Shut-in Pressure 33.6 PSI @ (depth) 4416 w / Clock No. 30401

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

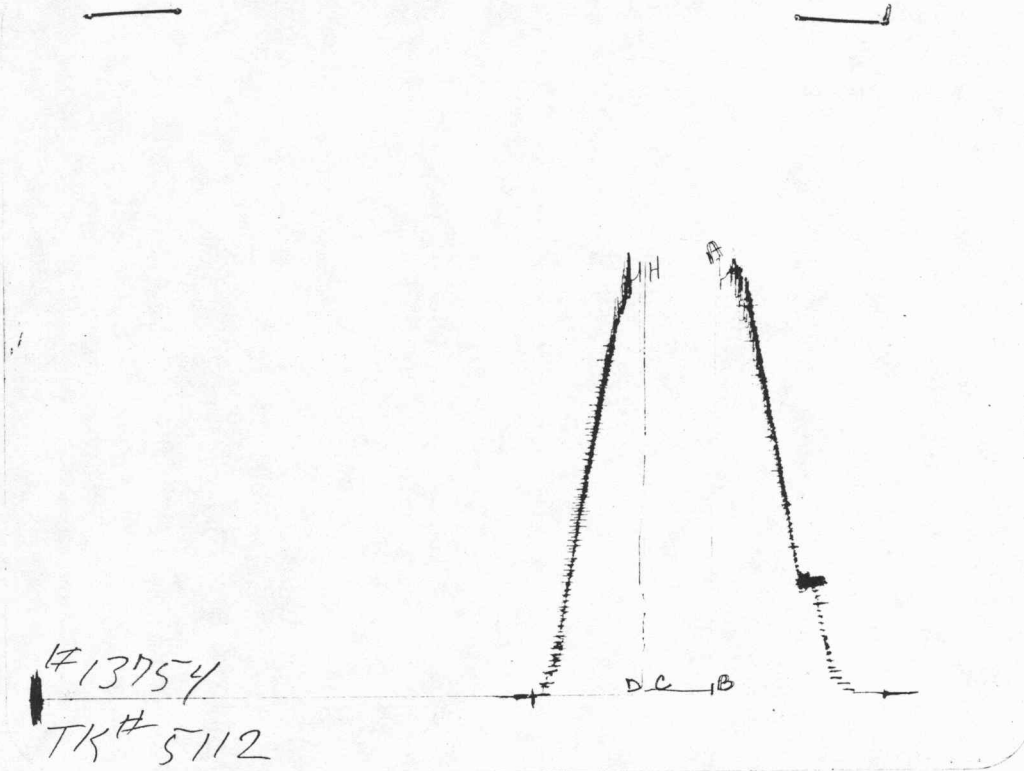
(F) Second Final Flow Pressure _____ PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure _____ PSI Initial Opening 15 Final Flow 5

(H) Final Hydrostatic Mud 2240.1 PSI Initial Shut-in 30 Final Shut-in _____

Our Representative HARRY SCHMIDT

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2238	2244.3
(B) FIRST INITIAL FLOW PRESSURE	20	25.6
(C) FIRST FINAL FLOW PRESSURE	20	25.6
(D) INITIAL CLOSED-IN PRESSURE	30	33.6
(E) SECOND INITIAL FLOW PRESSURE		
(F) SECOND FINAL FLOW PRESSURE		
(G) FINAL CLOSED-IN PRESSURE		
(H) FINAL HYDROSTATIC MUD	2238	2240.1

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

No 5112

Well Name & No. EADS #1 Test No. TWO Date 7-29-92
 Company KENNETH S. WHITE Zone Tested BASE KC
 Address 200 E FIRST SUITE 210 WICHITA KS. 67202 Elevation 1989 GL
 Co. Rep./Geo. TOM ROBINSON Cont. PICKRIELL Est. Ft. of Pay _____
 Location: Sec. 22 Twp. 29S Rge. 14W Co. PRATT State KS
 No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4392 TO 4416 Drill Pipe Size 4 1/2" X 14
 Anchor Length 24' Top Choke — 1" _____ Bottom Choke — 3/4" _____
 Top Packer Depth 4387 Hole Size — 77/8" _____ Rubber Size — 6 3/4" _____
 Bottom Packer Depth 4392 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 4416 Drill Collar — 2.25 Ft. Run 240'
 Mud Wt. 9.3 lb/gal. Viscosity 50 Filtrate 10.4
 Tool Open @ 1:00 AM Initial Blow VERY WEAK FOR 5 MIN.

Final Blow NO BLOW

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool? <u>YES</u>			
Rec. <u>5</u> Feet Of <u>MUD</u>		% 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 112 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6000 ppm System
 (A) Initial Hydrostatic Mud 2238 PSI Ak1 Recorder No. 13754 Range 4000
 (B) First Initial Flow Pressure 20 PSI @ (depth) 4397 w/Clock No. 26199
 (C) First Final Flow Pressure 20 PSI AK1 Recorder No. 7437 Range 4200
 (D) Initial Shut-In Pressure 30 PSI @ (depth) 4416 w/Clock No. 30401
 (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 _____ PSI Initial Opening 15 Test 55000
 (H) Final Hydrostatic Mud 2238 PSI Initial Shut-In 30 Jars _____

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Final Flow 5 Safety Joint _____
 Final Shut-In _____ Straddle _____
 Circ. Sub _____
 Sampler _____

Approved By _____
 Our Representative [Signature]

Other _____
TOTAL PRICE \$ 55000

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name EAD'S #1 Test No. 3 Date 7/30/92
Company KENNETH S. WHITE Zone VIOLA
Address 200 E FIRST #210 WICHITA KS 67202 Elevation 1989 G.L.
Co. Rep./Geo. TOM ROBINSON Cont. PICKRELL DRLG Est. Ft. of Pay 33
Location: Sec. 22 Twp. 29S Rge. 14W Co. PRATT State KS

Interval Tested 4535-4568 Drill Pipe Size 4.5" XH
Anchor Length 33 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 4530 Drill Collar - 2.25 Ft. Run 240
Bottom Packer Depth 4535 Mud Wt. _____ lb/Gal.
Total Depth 4568 Viscosity 49 Filtrate 12.8

Tool Open @ 10:05 PM Initial Blow GOOD BLOW INCREASING THROUGHOUT
BOTTOM OF BUCKET OM 3 MINUTES
Final Blow SAME AS INITIAL

Recovery - Total Feet 884 Flush Tool? NO

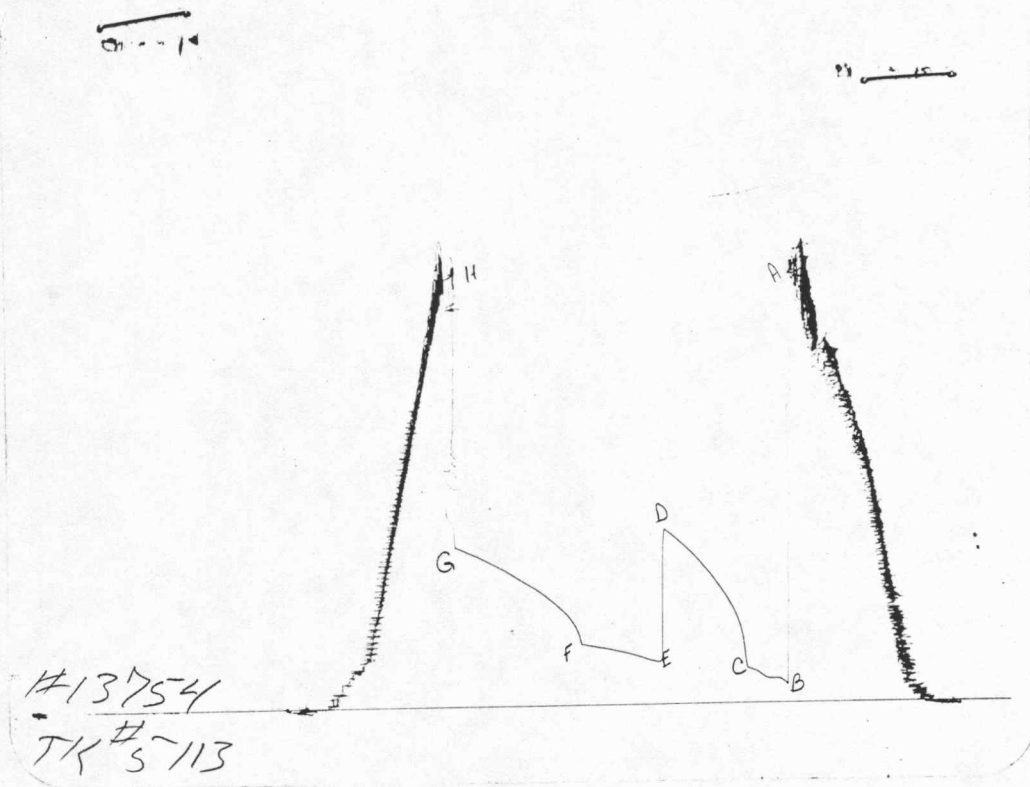
Rec. 1540 Feet of GAS IN PIPE
Rec. 884 Feet of GASSY CUT WATER WITH TRACE OF OIL
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.2 @ _____ °F Chlorides 42000 ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 2357.9 PSI AK1 Recorder No. 13754 Range 4000
(B) First Initial Flow Pressure 102.3 PSI @ (depth) 4540 w / Clock No. 26199
(C) First Final Flow Pressure 191.3 PSI AK1 Recorder No. 7437 Range 4200
(D) Initial Shut-in Pressure 905.6 PSI @ (depth) 4568 w / Clock No. 30401
(E) Second Initial Flow Pressure 225.7 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 311.8 PSI @ (depth) _____ w / Clock No. _____
(G) Final Shut-in Pressure 821.3 PSI Initial Opening 30 Final Flow 60
(H) Final Hydrostatic Mud 2355.8 PSI Initial Shut-in 60 Final Shut-in 90

Our Representative HARRY SCHMIDT

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2350	2357.9
(B) FIRST INITIAL FLOW PRESSURE	98	102.3
(C) FIRST FINAL FLOW PRESSURE	187	191.3
(D) INITIAL CLOSED-IN PRESSURE	897	905.6
(E) SECOND INITIAL FLOW PRESSURE	226	225.7
(F) SECOND FINAL FLOW PRESSURE	314	311.8
(G) FINAL CLOSED-IN PRESSURE	818	821.3
(H) FINAL HYDROSTATIC MUD	2350	2355.8

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 5113

Test Ticket

Well Name & No. LEADS #1 Test No. THREE Date 7-30-92
Company KENNETH S. WHITE Zone Tested VIOLA
Address 200 E 1ST. SUITE 210 WICHITA KS 67202 Elevation 1989 GL
Co. Rep./Geo. TOM ROBINSON Cont. PICKRELL Est. Ft. of Pay 53
Location: Sec. 22 Twp. 29S Rge. 14E Co. PRATT State KS
No. of Copies _____ Distribution Sheet _____ Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested 4535 TO 4568 Drill Pipe Size 4 1/2" X 1 1/4"
Anchor Length 33 Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth 4530 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 4535 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth 4568 Drill Collar — 2.25 Ft. Run 240
Mud Wt. 9.3 lb/gal. Viscosity 49 Filtrate 12.8
Tool Open @ 10:05 P Initial Blow GOOD BLOW INCREASING THROUGHOUT
ROT. BUCKET IN 3 MIN.
Final Blow SAME AS INITIAL

Recovery — Total Feet	Feet of Gas in Pipe	Flush Tool?		
<u>884</u>	<u>1540</u>	<u>NO</u>		
Rec. <u>884</u> Feet Of <u>GAS CUT WATER</u>	% gas	% oil	% water	% mud
Rec. _____ Feet Of <u>W/TR OIL</u>	% 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 116 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW 0.2 @ 62 °F Chlorides 42,000 ppm Recovery Chlorides 7000 ppm System
(A) Initial Hydrostatic Mud 2350 PSI AK1 Recorder No. 13754 Range 4000
(B) First Initial Flow Pressure 98 PSI @ (depth) 4540 w/Clock No. 26199
(C) First Final Flow Pressure 187 PSI AK1 Recorder No. 7437 Range 4200
(D) Initial Shut-In Pressure 897 PSI @ (depth) 4568 w/Clock No. 30401
(E) Second Initial Flow Pressure 226 PSI AK1 Recorder No. _____ Range _____
(F) Second Final Flow Pressure 314 PSI @ (depth) _____ w/Clock No. _____
(G) Final Shut-In Pressure 818 PSI Initial Opening 30 Test 550
(H) Final Hydrostatic Mud 2350 PSI Initial Shut-In 60 Jars _____

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Final Flow 60 Safety Joint _____
Final Shut-In 90 Straddle _____
Circ. Sub _____
Sampler _____

Approved By _____
Our Representative [Signature]

Extra Packer _____
Other _____
TOTAL PRICE \$ 550