

# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data

Well Name BECKER 1 Test No. 1 Date 6/26/94  
Company SLAWSON EXPLORATION INC. Zone L-KC 180  
Address 621 N ROBINSON #490 OKLAHOMA CITY OK 73102 Elevation 2513  
Co. Rep./Geo. RICK ROBBA Cont. L.D. Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 26 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 3941-3971 Drill Pipe Size 4.5 XH  
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3936 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 3941 Mud Wt. 9.2 lb/Gal.  
Total Depth 3971 Viscosity 48 Filtrate 10.0

Tool Open @ 10:42 A.M. <sup>Initial Blow</sup> WEAK SURFACE TO 3/4" IN 30 MIN

Final Blow NO BLOW  
ON SHUT-IN

Recovery - Total Feet 40 Flush Tool? NO

Rec. 40 Feet of SLIGHTLY OIL STAINED MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 113 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 7000 ppm System

(A) Initial Hydrostatic Mud 1968.4 PSI AK1 Recorder No. 11086 Range 4350

(B) First Initial Flow Pressure 32.7 PSI @ (depth) 3943 w / Clock No. 25828

(C) First Final Flow Pressure 28.3 PSI AK1 Recorder No. 10332 Range 4050

(D) Initial Shut-in Pressure 1054.5 PSI @ (depth) 3966 w / Clock No. 26199

(E) Second Initial Flow Pressure 33.8 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

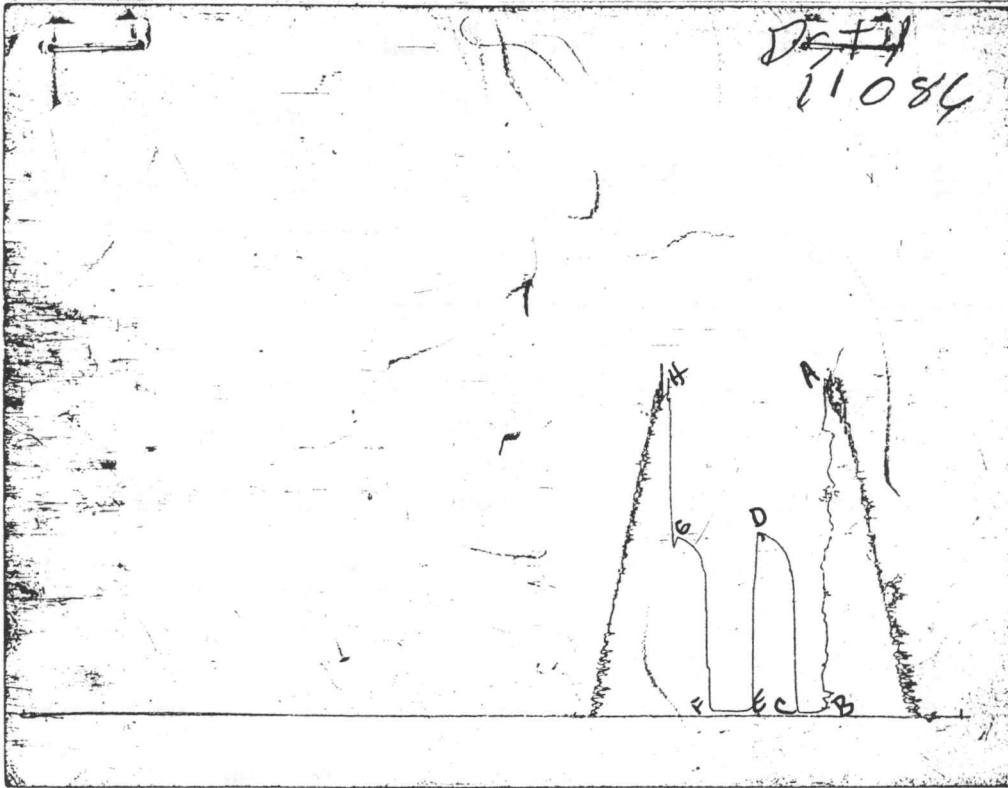
(F) Second Final Flow Pressure 36.0 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1020.6 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 1916.3 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative MARK HERSKOWITZ

CHART PAGE



This is an actual photograph of recorder chart 11086

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1936	1968.4
(B) FIRST INITIAL FLOW PRESSURE	40	32.7
(C) FIRST FINAL FLOW PRESSURE	50	28.3
(D) INITIAL CLOSED-IN PRESSURE	1064	1054.5
(E) SECOND INITIAL FLOW PRESSURE	50	33.8
(F) SECOND FINAL FLOW PRESSURE	50	36
(G) FINAL CLOSED-IN PRESSURE	1044	1020.6
(H) FINAL HYDROSTATIC MUD	1895	1916.3

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## Drill-Stem Test Data

Well Name BECKER 1 Test No. 2 Date 6/28/94  
Company SLAWSON EXPLORATION INC. Zone MISS  
Address 621 N ROBINSON #490 OKLAHOMA CITY OK 73102 Elevation 2513  
Co. Rep./Geo. RICK ROBBA Cont. L.D. Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 26 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 4338-4401 Drill Pipe Size 4.5 XH  
Anchor Length 63 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4333 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 4338 Mud Wt. \_\_\_\_\_ lb/Gal.  
Total Depth 4401 Viscosity \_\_\_\_\_ Filtrate \_\_\_\_\_

Tool Open @ 4:45 P.M. <sup>Initial Blow</sup> SURFACE TO 5" IN 30 MIN

Final Blow SURFACE TO 6" IN 45 MIN-NO BLOW ON  
ON SHUT-IN

Recovery - Total Feet 120 Flush Tool? NO

Rec. 60 Feet of GAS IN PIPE  
Rec. 120 Feet of GASSY OIL & MUD 10% GAS/ 10% OIL/ 50% MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 118 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2258.7 PSI AK1 Recorder No. 11086 Range 4350

(B) First Initial Flow Pressure 41.4 PSI @ (depth) 4340 w / Clock No. 25828

(C) First Final Flow Pressure 39.2 PSI AK1 Recorder No. 10332 Range 4050

(D) Initial Shut-in Pressure 1145.2 PSI @ (depth) 4396 w / Clock No. 26199

(E) Second Initial Flow Pressure 45.8 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

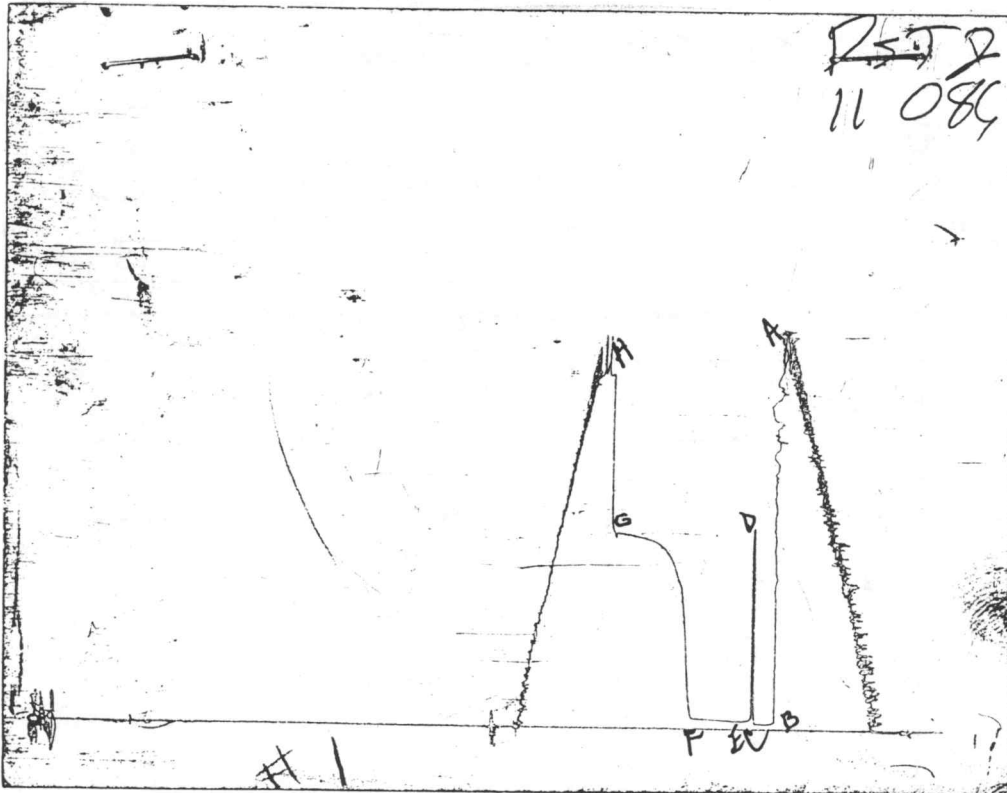
(F) Second Final Flow Pressure 64.4 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1105.8 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2218.3 PSI Initial Shut-in 45 Final Shut-in 60

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CHART PAGE



This is an actual photograph of recorder chart 11086

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1936	2258.7
(B) FIRST INITIAL FLOW PRESSURE	40	41.4
(C) FIRST FINAL FLOW PRESSURE	50	39.2
(D) INITIAL CLOSED-IN PRESSURE	1064	1145.2
(E) SECOND INITIAL FLOW PRESSURE	50	45.8
(F) SECOND FINAL FLOW PRESSURE	50	64.4
(G) FINAL CLOSED-IN PRESSURE	1044	1105.8
(H) FINAL HYDROSTATIC MUD	1895	2218.3

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## Drill-Stem Test Data

Well Name BECKER 1 Test No. 3 Date 6/28/94  
Company SLAWSON EXPLORATION INC. Zone L-KC 180  
Address 621 N ROBINSON #490 OKLAHOMA CITY OK 73102 Elevation 2513  
Co. Rep./Geo. RICK ROBBA Cont. L.D. Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 26 Twp. 15S Rge. 27W Co. GOVE State KS

Interval Tested 3998-4029 Drill Pipe Size 4.5 XH  
Anchor Length 31'373 T PIPE Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 3998 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 4029 Mud Wt. \_\_\_\_\_ lb/Gal.  
Total Depth 4401 Viscosity \_\_\_\_\_ Filtrate \_\_\_\_\_

Tool Open @ 12:13 A.M. Initial Blow GOOD BLOW OFF BOTTOM IN 21 MIN.

Final Blow WEAK SURFACE TO BOTTOM IN 40 MIN-NO BLOW ON SHUT-IN

Recovery - Total Feet 280 Flush Tool? NO

Rec. 280 Feet of MUD WATER 95% WATER/5% MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 118 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW 0.019 @ 75 °F Chlorides 35000 ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud 2184.4 PSI AK1 Recorder No. 11086 Range 4350

(B) First Initial Flow Pressure 58.9 PSI @ (depth) 4001 w / Clock No. 25828

(C) First Final Flow Pressure 92.7 PSI AK1 Recorder No. 10332 Range 4050

(D) Initial Shut-in Pressure 491.4 PSI @ (depth) 4029 w / Clock No. 26199

(E) Second Initial Flow Pressure 99.3 PSI AK1 Recorder No. 6730 Range 4200

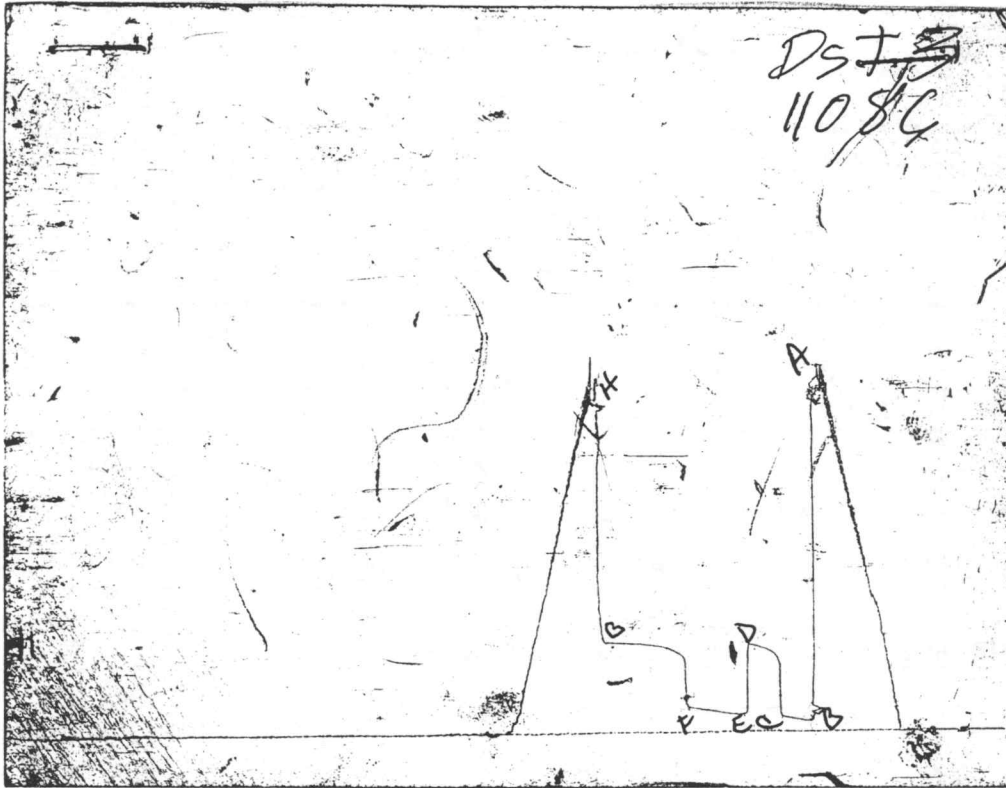
(F) Second Final Flow Pressure 143.0 PSI @ (depth) 4049 w / Clock No. 25114

(G) Final Shut-in Pressure 511.1 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 2129.9 PSI Initial Shut-in 45 Final Shut-in 60

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CHART PAGE



This is an actual photograph of recorder chart 11086

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1967	2184.4
(B) FIRST INITIAL FLOW PRESSURE	54	58.9
(C) FIRST FINAL FLOW PRESSURE	76	92.7
(D) INITIAL CLOSED-IN PRESSURE	491	491.4
(E) SECOND INITIAL FLOW PRESSURE	87	99.3
(F) SECOND FINAL FLOW PRESSURE	131	143
(G) FINAL CLOSED-IN PRESSURE	502	511.1
(H) FINAL HYDROSTATIC MUD	1945	2129.9