TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name: TILTON #16-11 | Test No.: 1 | Date: 9/27/92

Company: L.B. INDUSTRIES, INC. | Zone: LANSING

Address: 12200 E BRIARWOOD AVE #250 ENGLEWOOD CO 80112-6202 | Elevation: 2557

Co. Rep./Geo.: SOLI SHAPURJI | Cont.: CHIEF DRILLING RIG #2 | Est. Ft. of Pay:

Location: Sec.: 16 | Twp.: 10S | Rge.: 26W | Co.: SHERIDAN | State: KS

Interval Tested: 3840-3875 | Drill Pipe Size: 4.5" XH

Anchor Length: 35 | Wt. Pipe I.D. - 2.7 Ft. Run:

Top Packer Depth: 3835 | Drill Collar – 2.25 Ft. Run:

Bottom Packer Depth: 3840 | Mud Wt.: 8.8 lb/Gal.

Total Depth: 3875 | Viscosity: 43 | Filtrate: 9.2

Tool Open @: 12:25 AM | Initial Blow: WEAK BUILDING BLOW-2.5" AT END/SLID TOOL 15', TO BOTTOM ON INITIAL OPEN-RESET TOOL & REOPENED/RCV'D LEGITIMATE BLOW

Final Blow: FAIR BUILD IN BLOW-3.5"

Recovery - Total Feet: 170 | Flush Tool?:

Rec. 110 Feet of DRILLING MUD

Rec. 60 Feet of SLTLY MUD CUT WATER-97%WTR/3%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT: 120 °F | Gravity: °API | @ °F Corrected Gravity: °API

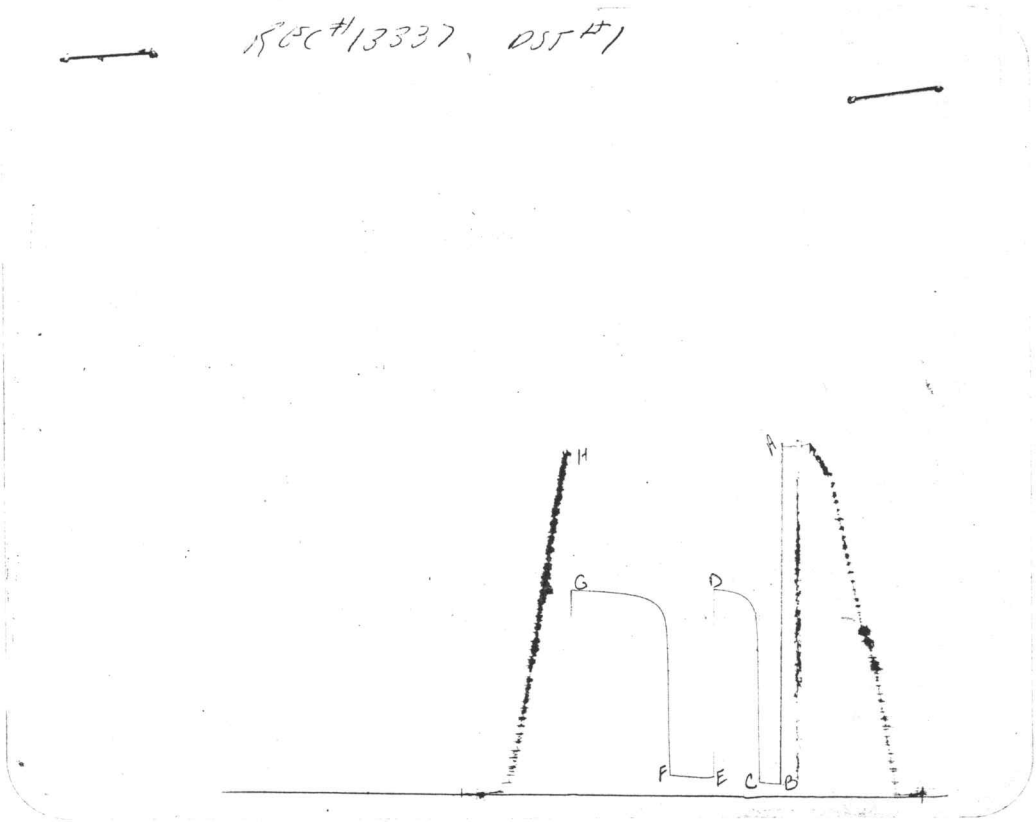
RW: 0.3 @ 50 °F | Chlorides: 30000 ppm Recovery | Chlorides: 1500 ppm System

(A) Initial Hydrostatic Mud: 1760.3 PSI	AK1 Recorder No.: 13337	Range: 3975	
(B) First Initial Flow Pressure: 62.4 PSI	@ (depth): 3845	w / Clock No.: 31154	
(C) First Final Flow Pressure: 70.9 PSI	AK1 Recorder No.: 10333	Range: 4075	
(D) Initial Shut-in Pressure: 1045.6 PSI	@ (depth): 3872	w / Clock No.: 30401	
(E) Second Initial Flow Pressure: 83.2 PSI	AK1 Recorder No.:	Range:	
(F) Second Final Flow Pressure: 101.2 PSI	@ (depth):	w / Clock No.:	
(G) Final Shut-in Pressure: 1040.7 PSI	Initial Opening: 15	Final Flow: 30	
(H) Final Hydrostatic Mud: 1730.6 PSI	Initial Shut-in: 30	Final Shut-in: 60	

Our Representative: JOHN RIEDL

CHART PAGE

IRC #13337, DST #1



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1757	1760.3
(B) FIRST INITIAL FLOW PRESSURE	50	62.4
(C) FIRST FINAL FLOW PRESSURE	68	70.9
(D) INITIAL CLOSED-IN PRESSURE	1044	1045.6
(E) SECOND INITIAL FLOW PRESSURE	80	83.2
(F) SECOND FINAL FLOW PRESSURE	98	101.2
(G) FINAL CLOSED-IN PRESSURE	1037	1040.7
(H) FINAL HYDROSTATIC MUD	1728	1730.6

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Drill-Stem Test Data

Well Name TILTON #16-11 Test No. 2 Date 9/27/92

Company L.B. INDUSTRIES, INC. Zone LANSING

Address 12200 E BRIARWOOD AVE #250 ENGLEWOOD CO 80112-6202 Elevation 2557

Co. Rep./Geo. SOLI SHAPURJI Cont. CHIEF DRILLING RIG #2 Est. Ft. of Pay

Location: Sec. 16 Twp. 10S Rge. 26W Co. SHERIDAN State KS

Interval Tested 3881-3922

Anchor Length 41

Top Packer Depth 3874

Bottom Packer Depth 3881

Total Depth 3922

Drill Pipe Size 4.5" XH

Wt. Pipe I.D. - 2.7 Ft. Run

Drill Collar – 2.25 Ft. Run

Mud Wt. 8.9 lb/Gal.

Viscosity 43 Filtrate 8.8

Tool Open @ 1:15 PM Initial Blow WEAK BLOW-1"

Final Blow WEAK BLOW-1"

Recovery - Total Feet 20 Flush Tool? NO

Rec. 20 Feet of OIL CUT MUD-20%OIL/80%MUD

Rec. Feet of

Rec. Feet of

Rec. Feet of

Rec. Feet of

BHT N/A °F Gravity °API @ °F Corrected Gravity °API

RW 0.3 @ 70 °F Chlorides 1800 ppm Recovery Chlorides 2000 ppm System

(A) Initial Hydrostatic Mud 1822.3 PSI AK1 Recorder No. 13337 Range 3975

(B) First Initial Flow Pressure 30.9 PSI @ (depth) 3888 w / Clock No. 31154

(C) First Final Flow Pressure 35.4 PSI AK1 Recorder No. 10333 Range 4075

(D) Initial Shut-in Pressure 510.2 PSI @ (depth) 3919 w / Clock No. 30401

(E) Second Initial Flow Pressure 37.6 PSI AK1 Recorder No. Range

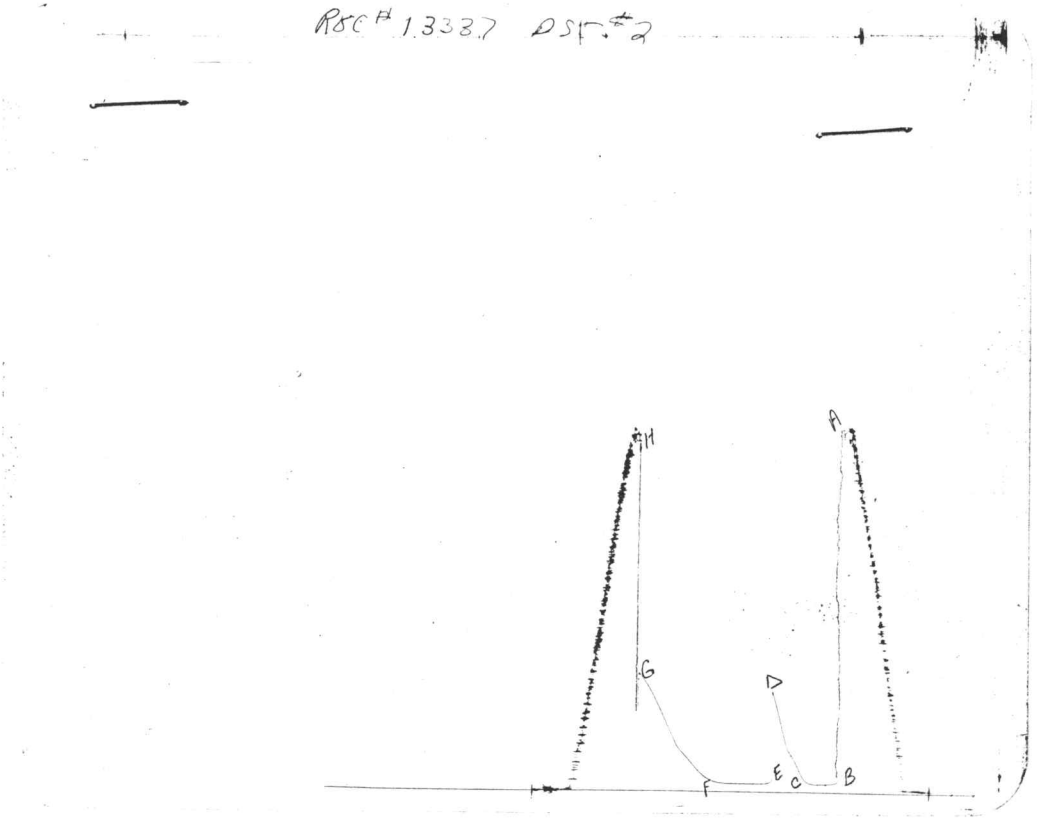
(F) Second Final Flow Pressure 37.6 PSI @ (depth) w / Clock No.

(G) Final Shut-in Pressure 601.8 PSI Initial Opening 15 Final Flow 30

(H) Final Hydrostatic Mud 1804.7 PSI Initial Shut-in 30 Final Shut-in 60

Our Representative JOHN RIEDL

CHART PAGE



This is an actual photograph of recorder chart

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1816	1822.3
(B) FIRST INITIAL FLOW PRESSURE	31	30.9
(C) FIRST FINAL FLOW PRESSURE	33	35.4
(D) INITIAL CLOSED-IN PRESSURE	506	510.2
(E) SECOND INITIAL FLOW PRESSURE	35	37.6
(F) SECOND FINAL FLOW PRESSURE	35	37.6
(G) FINAL CLOSED-IN PRESSURE	595	601.8
(H) FINAL HYDROSTATIC MUD	1789	1804.7