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TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name HERTEL #1 Test No. 1 Date 8/28/94
Company PROSPECT OIL & GAS CO. Zone 'B' L.K.C
Address P.O. BOX 837 RUSSELL KS 67665 Elevation _____
Co. Rep./Geo. BRAD HUTCHISON Cont. EMPHASIS #7 Est. Ft. of Pay _____
Location: Sec. 32 Twp. 14 Rge. 15 Co. RUSSELL State KS

Interval Tested 3131-3160 Drill Pipe Size 4.5" XH
Anchor Length 29 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3126 Drill Collar - 2.25 Ft. Run 30
Bottom Packer Depth 3131 Mud Wt. 9.2 lb/Gal.
Total Depth 3160 Viscosity 44 Filtrate 9.6

Tool Open @ 2:30 P.M. Initial Blow WEAK-BUILDING TO 5" FAIR BLOW

Final Blow WEAK-BUILDING TO 5" FAIR BLOW

Recovery - Total Feet _____ Flush Tool? NO

Rec. 3 Feet of CUT OIL
Rec. 60 Feet of OIL CUT MUD 10%OIL/90%MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 1619.9 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 16.7 PSI @ (depth) 3135 w / Clock No. 27501

(C) First Final Flow Pressure 22.6 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 684.7 PSI @ (depth) 3156 w / Clock No. 25810

(E) Second Initial Flow Pressure 29.5 PSI AK1 Recorder No. _____ Range _____

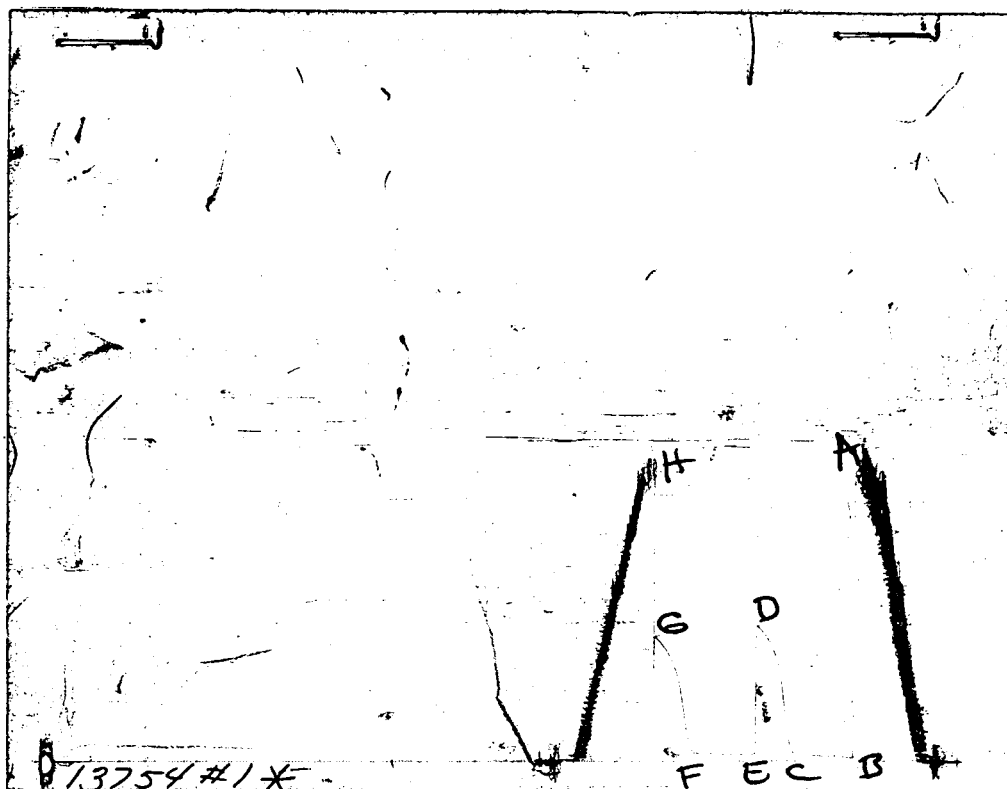
(F) Second Final Flow Pressure 38.3 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 634.3 PSI Initial Opening 45 Final Flow 45

(H) Final Hydrostatic Mud 1534.9 PSI Initial Shut-in 30 Final Shut-in 30

Our Representative DAN BANGLE

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(A) INITIAL HYDROSTATIC MUD	1616	1619.9
(B) FIRST INITIAL FLOW PRESSURE	19	16.7
(C) FIRST FINAL FLOW PRESSURE	29	22.6
(D) INITIAL CLOSED-IN PRESSURE	689	684.7
(E) SECOND INITIAL FLOW PRESSURE	29	29.5
(F) SECOND FINAL FLOW PRESSURE	39	38.3
(G) FINAL CLOSED-IN PRESSURE	640	634.3
(H) FINAL HYDROSTATIC MUD	1536	1534.9

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Drill-Stem Test Data

Well Name HERTEL #1 Test No. 2 Date 8/29/94
Company PROSPECT OIL & GAS CO. Zone F' L.K.C
Address P.O. BOX 837 RUSSELL KS 67665 Elevation _____
Co. Rep./Geo. BRAD HUTCHISON Cont. EMPHASIS #7 Est. Ft. of Pay _____
Location: Sec. 32 Twp. 14 Rge. 1 Co. RUSSELL State KS

Interval Tested 3180-3210 Drill Pipe Size 4.5" XH
Anchor Length 30 Wt. Pipe I.D. - 2.7 Ft. Run _____
Top Packer Depth 3175 Drill Collar - 2.25 Ft. Run 30
Bottom Packer Depth 3180 Mud Wt. 9.2 lb/Gal.
Total Depth 3210 Viscosity 44 Filtrate 9.6

Tool Open @ 2:40 A.M. Initial Blow WEAK-DIED IN 5 MIN

Final Blow NO BLOW

Recovery - Total Feet 5 Flush Tool? NO

Rec. 5 Feet of DRILLING MUD 100% MUD
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____

BHT 105 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 4000 ppm System

(A) Initial Hydrostatic Mud 1654.3 PSI AK1 Recorder No. 13754 Range 4000

(B) First Initial Flow Pressure 46.6 PSI @ (depth) 3184 w / Clock No. 27501

(C) First Final Flow Pressure 46.6 PSI AK1 Recorder No. 13849 Range 4375

(D) Initial Shut-in Pressure 55.5 PSI @ (depth) 3206 w / Clock No. 25810

(E) Second Initial Flow Pressure 46.6 PSI AK1 Recorder No. _____ Range _____

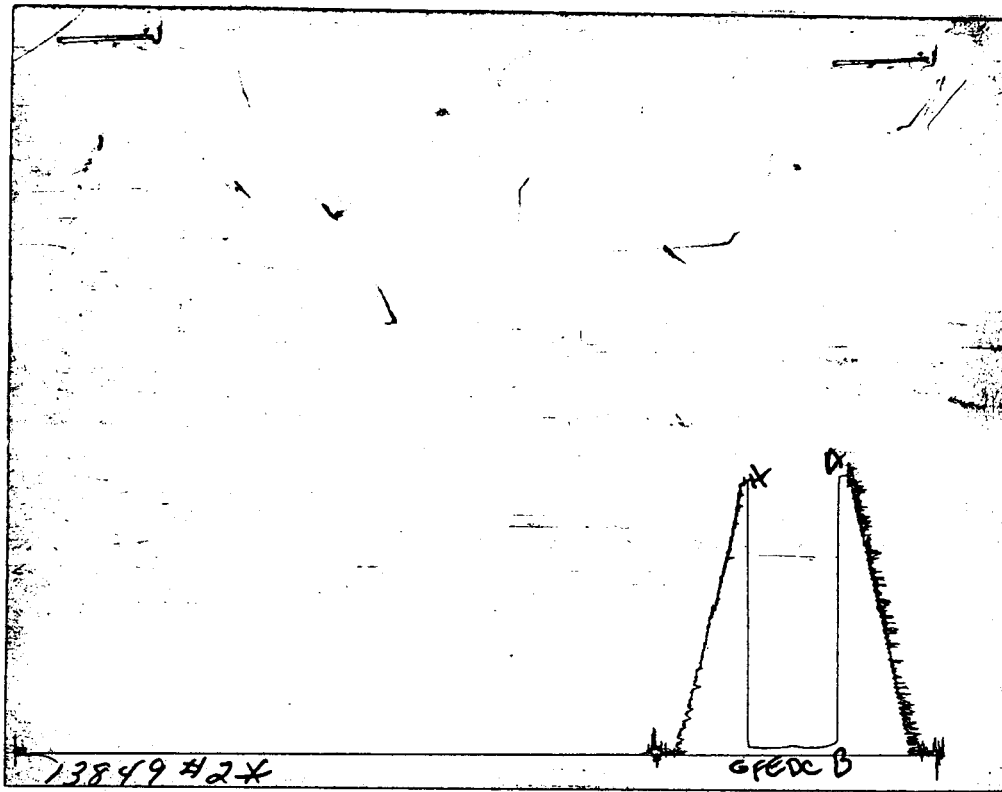
(F) Second Final Flow Pressure 46.6 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 46.6 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 1602.2 PSI Initial Shut-in 15 Final Shut-in 15

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(A) INITIAL HYDROSTATIC MUD	1678	1654.3
(B) FIRST INITIAL FLOW PRESSURE	55	46.6
(C) FIRST FINAL FLOW PRESSURE	55	46.6
(D) INITIAL CLOSED-IN PRESSURE	66	55.5
(E) SECOND INITIAL FLOW PRESSURE	55	46.6
(F) SECOND FINAL FLOW PRESSURE	55	46.6
(G) FINAL CLOSED-IN PRESSURE	55	46.6
(H) FINAL HYDROSTATIC MUD	1602	1602.2