

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

5-15-28W

Computer Invented

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Drill-Stem Test Data

DST # 1

Well Name EVANS #5-1 Test No. 1 Date 10/17/91
 Company HOLDEN ENERGY CORP Zone Tested LKC-"B"
 Address LINCOLN CENTER/#600 ARCHMORE OK 73401 Elevation 2555
 Co. Rep./Geo. R HALL/R PICKLE Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
 Location: Sec. 5 Twp. 15S Rge. 28W Co. *GOVE State KS

Interval Tested 3682-3709 Drill Pipe Size 4.5 XII
 Anchor Length 27 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 3677 Drill Collar - 2.25 Ft. Run _____
 Bottom Packer Depth 3682
 Total Depth 3709

Mud Wt. 8.8 lb / gal. Viscosity 45 Filtrate 12.8

Tool Open @ 1:35 AM Initial Blow (TOOL SLID 2' WHEN OPENED)-1" BLOW
BUILDING TO 2.5"
 Final Blow NO BLOW

Recovery - Total Feet 45 Flush Tool? NO

Rec. 40 Feet of MUD
 Rec. 5 Feet of OIL SPECKED MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

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Rec. _____ Feet of _____
 BHT 113 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud 1704.5 PSI AK1 Recorder No. 13277 Range 4125
 (B) First Initial Flow Pressure 40.6 PSI @ (depth) 3684 w/Clock No. 17639
 (C) First Final Flow Pressure 53.9 PSI AK1 Recorder No. 24174 Range 3350
 (D) Initial Shut-In Pressure 1002.3 PSI @ (depth) 3708 w/Clock No. 17640
 (E) Second Initial Flow Pressure 52.8 PSI AK1 Recorder No. _____ Range _____
 (F) Second Final Flow Pressure 52.8 PSI @ (depth) _____ w/Clock No. _____
 (G) Final Shut-In Pressure 1010.3 PSI Initial Opening 30 Final Flow 30
 (H) Final Hydrostatic Mud 1689.7 PSI Initial Shut-In 30 Final Shut-In 60

Our Representative PAUL SIMPSON TOTAL PRICE \$ 600

COPY

#1

13277

DST # 1



POINT This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1698	1704.5
(B) FIRST INITIAL FLOW PRESSURE	33	40.6
(C) FIRST FINAL FLOW PRESSURE	41	53.9
(D) INITIAL CLOSED-IN PRESSURE	995	1002.3
(E) SECOND INITIAL FLOW PRESSURE	41	52.8
(F) SECOND FINAL FLOW PRESSURE	41	52.8
(G) FINAL CLOSED-IN PRESSURE	1003	1010.3
(H) FINAL HYDROSTATIC MUD	1690	1689.7

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DST # 2

Drill-Stem Test Data

Well Name EVANS #5-1 Test No. 2 Date 10/17/91
 Company HOLDEN ENERGY CORP Zone Tested LKC-
 Address LINCOLN CENTER/#600 ARCHMORE OK 73401 Elevation 2555
 Co. Rep./Geo. R HALL/R PICKLE Cont. PMPHASIS RIG #8 Est. Ft. of Pay _____
 Location: Sec. 5 Twp. 15S Rge. 28W Co. GOVE State KS

Interval Tested 3710-3725
 Anchor Length 15
 Top Packer Depth 3705
 Bottom Packer Depth 3710
 Total Depth 3725

Drill Pipe Size 4.5 XH
 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Drill Collar - 2.25 Ft. Run _____

Mud Wt. 9 lb / gal. Viscosity 44 Filtrate 11.6

Tool Open @ 1:00 PM Initial Blow WEAK 1/2" BLOW BUILDING TO 4.5"

Final Blow WEAK SURFACE BLOW BUILDING TO 4"

Recovery - Total Feet 70

Flush Tool? _____

Rec. 15 Feet of MUDDY WATER

Rec. 55 Feet of MUD

Rec. _____ Feet of _____

Rec. _____ Feet of (SHOW OF OIL IN TOP OF RECOVERY)

Rec. _____ Feet of _____

BHT 120 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW 0.167 @ 90.6 ppm Chlorides 32000 ppm Recovery Chlorides N/A ppm System

(A) Initial Hydrostatic Mud 1718.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 21.6 PSI @ (depth) 3714 w/Clock No. 30401

(C) First Final Flow Pressure 33.7 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-In Pressure 1010.3 PSI @ (depth) 3724 w/Clock No. 17639

(E) Second Initial Flow Pressure 52.8 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 66.9 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 1034.7 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1702.4 PSI Initial Shut-In 30 Final Shut-In 75

Our Representative PAUL SIMPSON

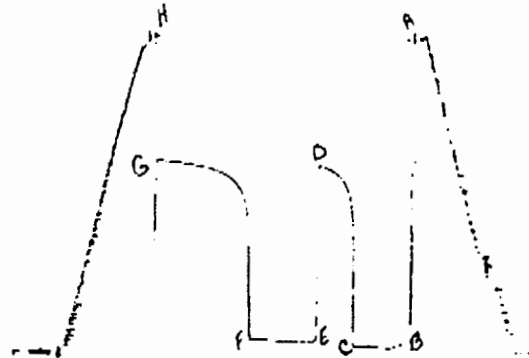
TOTAL PRICE \$ 600

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DST # 2



POINT This is an actual photograph of recorder chart PRESSURE

POINT	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1707	1718.3
(B) FIRST INITIAL FLOW PRESSURE	17	21.6
(C) FIRST FINAL FLOW PRESSURE	25	33.7
(D) INITIAL CLOSED-IN PRESSURE	1003	1010.3
(E) SECOND INITIAL FLOW PRESSURE	41	52.8
(F) SECOND FINAL FLOW PRESSURE	58	66.9
(G) FINAL CLOSED-IN PRESSURE	1028	1034.7
(H) FINAL HYDROSTATIC MUD	1698	1702.4

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DST # 3

Drill-Stem Test Data

Well Name EVANS #5-1 Test No. 3 Date 10/18/91
 Company HOLDEN ENERGY CORP Zone Tested LKC - "J"
 Address LINCOLN CENTER/#600 ARCHMORE OK 73401 Elevation 2555
 Co. Rep./Geo. R HALL/R PICKLE Cont. EMPHASIS RIG #8 Est. Ft. of Pay _____
 Location: Sec. 5 Twp. 15S Rge. 28W Co. *GOVE State KS

Interval Tested 3892-3915 Drill Pipe Size 4.5 XH
 Anchor Length 23 Wt. Pipe I.D. - 2.7 Ft. Run _____
 Top Packer Depth 3887 Drill Collar - 2.25 Ft. Run _____
 Bottom Packer Depth 3892
 Total Depth 3915

Mud Wt. 8.9 lb / gal. Viscosity 45 Filtrate 12

Tool Open @ 8:32 AM Initial Blow WEAK 1/2" BLOW BUILDING TO 10"

Final Blow 2" BLOW BUILDING TO 11"

Recovery -- Total Feet 30 Flush Tool? NO

Rec. 30 Feet of SLTLY OIL CUT MUD-5%OIL/95%MUD

Rec. _____ Feet of _____

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 1866.3 PSI AK1 Recorder No. 13277 Range 4125

(B) First Initial Flow Pressure 52.8 PSI @ (depth) 3894 w/Clock No. 30401

(C) First Final Flow Pressure 52.8 PSI AK1 Recorder No. 24174 Range 3350

(D) Initial Shut-In Pressure 194.3 PSI @ (depth) 3914 w/Clock No. 17640

(E) Second Initial Flow Pressure 67.2 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 67.2 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure 284.1 PSI Initial Opening 30 Final Flow 45

(H) Final Hydrostatic Mud 1520.3 PSI Initial Shut-In 30 Final Shut-In 90

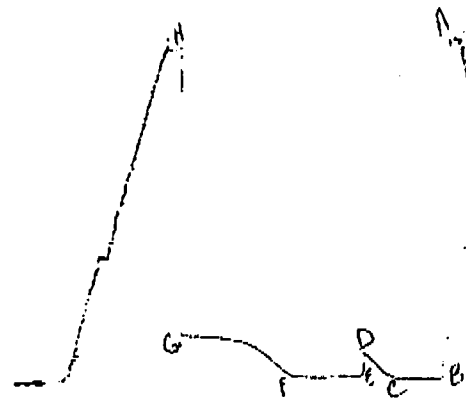
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POINT This is an actual photograph of recorder chart PRESSURE

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	1857	1866.3
(B) FIRST INITIAL FLOW PRESSURE	41	52.8
(C) FIRST FINAL FLOW PRESSURE	41	52.8
(D) INITIAL CLOSED-IN PRESSURE	190	194.3
(E) SECOND INITIAL FLOW PRESSURE	50	67.2
(F) SECOND FINAL FLOW PRESSURE	50	67.2
(G) FINAL CLOSED-IN PRESSURE	273	284.1
(H) FINAL HYDROSTATIC MUD	1815	1520.3