

Diversified Operating Corp.
Toto 8-4-5

5-125-25w

TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

API# 15-195-22144

Drill-Stem Test Data

ORIGINAL

Computer Inventoried
TOTO 8-4-5

Well Name DIVERSIFIED OPERATING CORP. Test No. 1 Date 9/15/94
 Company 1675 LARIMER ST #850-DENVER, CO. 80202 Zone FORT SCOTT
 Address RON NELSON Elevation _____
 Co. Rep./Geo. 5 Cont. EMPHASIS RIG #5 Est. Ft. of Pay _____
 Location: Sec. 12S Twp. 25W Rge. TREGO Co. KS State

Interval Tested	<u>4309-4350</u>	Drill Pipe Size	<u>4.5" XH</u>
Anchor Length	<u>41</u>	Wt. Pipe I.D. - 2.7 Ft. Run	<u>349</u>
Top Packer Depth	<u>4304</u>	Drill Collar - 2.25 Ft. Run	<u>9.3</u>
Bottom Packer Depth	<u>4309</u>	Mud Wt.	<u>54</u> lb/Gal.
Total Depth	<u>4350</u>	Viscosity	<u>8.8</u> Filtrate

Tool Open @ 5:43 P.M. Initial Blow WEAK 1/4" BLOW DECREASING TO SURFACE
 Final Blow NO BLOW

Recovery - Total Feet 20 Flush Tool? NO

KCC

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Rec. 20 Feet of VERY SLIGHTLY OIL STAINED MUD
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 122 °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
 RW 2.15 @ 70 °F Chlorides 2800 ppm Recovery Chlorides 2900 ppm System

(A) Initial Hydrostatic Mud 2220.9 PSI AK1 Recorder No. 22150 Range 3925

(B) First Initial Flow Pressure 32.5 PSI @ (depth) 4315 w / Clock No. 14077

(C) First Final Flow Pressure 32.5 PSI AK1 Recorder No. 24174 Range 3050

(D) Initial Shut-in Pressure 1155.5 PSI @ (depth) 4344 w / Clock No. 23935

(E) Second Initial Flow Pressure 48.9 PSI AK1 Recorder No. _____ Range _____

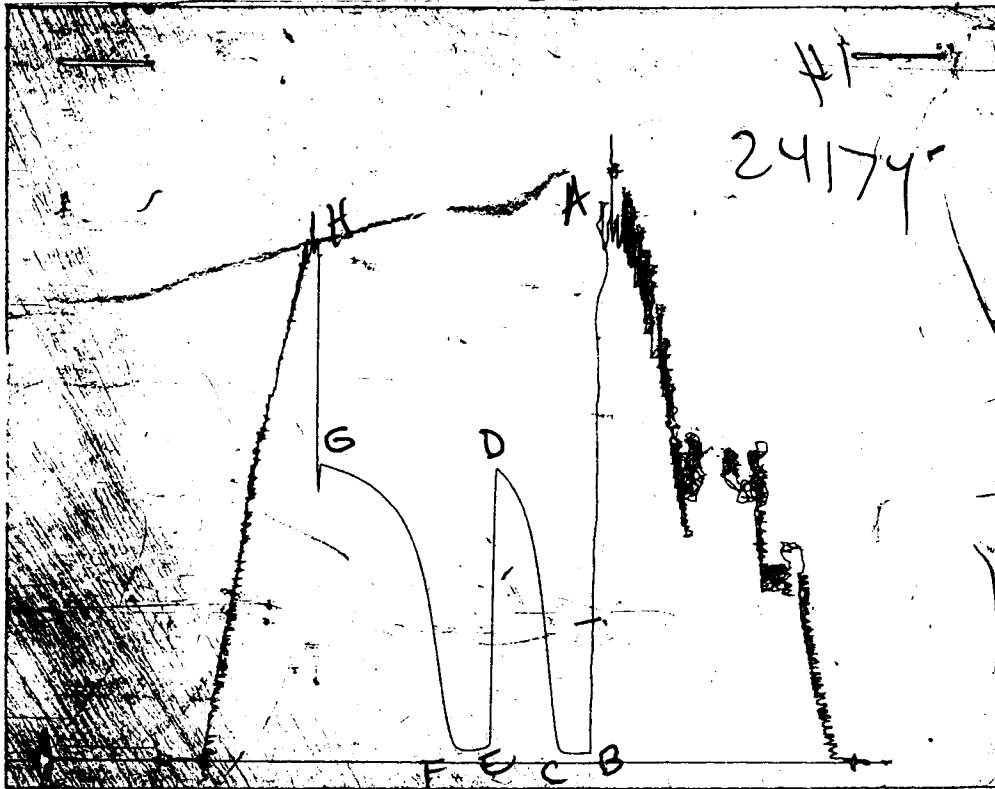
(F) Second Final Flow Pressure 42.9 PSI @ (depth) _____ w / Clock No. _____

(G) Final Shut-in Pressure 1169.1 PSI Initial Opening 15 Final Flow 15

(H) Final Hydrostatic Mud 2063.2 PSI Initial Shut-in 60 Final Shut-in 120

Our Representative PAUL SIMPSON

CHART PAGE



	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2221	2220.9
(B) FIRST INITIAL FLOW PRESSURE	19	32.5
(C) FIRST FINAL FLOW PRESSURE	19	32.5
(D) INITIAL CLOSED-IN PRESSURE	1138	1155.5
(E) SECOND INITIAL FLOW PRESSURE	29	48.9
(F) SECOND FINAL FLOW PRESSURE	29	42.9
(G) FINAL CLOSED-IN PRESSURE	1149	1169.1
(H) FINAL HYDROSTATIC MUD	2080	2063.2

FLUID SAMPLER DATA

ORIGINAL

Ticket No.: 7414

Date: 9/15/94

Company: DIVERSIFIED OPERATING CORP.

Lease: TOTO 8-4-5

Test No.: 1

County: TREGO

Sec.: 5

Twp.: 12S

Rng.: 25W

SAMPLER RECOVERY

PIT MUD ANALYSIS

Gas
Oil 10
Mud 3990
Water
Other
Pressure 25
TOTAL 4000

Chlorides 2900
Resistivity 2.1 ohms@ 70 F
Viscosity 54
Mud Wt. 9.3
Filtrate 8.8
Other

SAMPLER ANALYSIS

PIPE RECOVERY

Resistivity 2.15 ohms@ 70 F
Chlorides 2800 ppm.
Gravity corrected @60F

TOP
Resistivity ohms@ F
Chlorides ppm

MIDDLE
Resistivity ohms@ F
Chlorides ppm

BOTTOM
Resistivity 2.15 ohms@ 70 F
Chlorides 2800 ppm