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DEC 18 2003
KCC WICHITA

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D03

ORIGINAL

Company L. D. Drilling, Inc. Lease & Well No. Stoecklein No. 1

Elevation 2310 KB Formation Fort Scott Effective Pay -- Ft. Ticket No. 1790

Date 11-15-03 Sec. 29 Twp. 18S Range 24W County Ness State Kansas

Test Approved By Roger L. Martin Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,180 ft. to 4,272 ft. Total Depth 4,272 ft.

Packer Depth 4,175 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,180 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,168 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,269 ft. Recorder Number 13386 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Pickrell Drilling Co., Inc. - Rig 10 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 45 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.25 Water Loss 12.8 cc. Drill Pipe Length 4,035 ft. I.D. 3½ in.

Chlorides 7,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 30' perf. w/62' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, 1/8 in., blow increasing to 5 ins. No blow back during shut-in.

2nd Open: Weak, 1/8 in., blow increasing to 6½ ins.

Recovered 114 ft. of gas in pipe

Recovered 10 ft. of drilling mud with oil specks = .102600 bbls.

Recovered 60 ft. of oil cut mud = .295200 bbls. (Grind out: 2%-oil; 98%-mud)

Recovered 60 ft. of slightly watery & oil cut gassy mud = .295200 bbls. (Grind out: 4%-water; 6%-oil; 12%-gas; 78%-mud)

Recovered 130 ft. of TOTAL FLUID = .693000 bbls.

Remarks Tool Sample Grind Out: 4%-gas; 14%-oil; 20%-water; 62%-mud

Time Set Packer(s) 3:19:30 ~~AM~~ P.M. Time Started Off Bottom 6:19:30 ~~AM~~ P.M. Maximum Temperature 110°

Initial Hydrostatic Pressure ..... (A) 2014 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 4 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 755 P.S.I.

Final Flow Period ..... Minutes 45 (E) 52 P.S.I. to (F) 69 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 763 P.S.I.

Final Hydrostatic Pressure ..... (H) 1988 P.S.I.

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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Stoecklein No. 1

Date 11-15-03 Sec. 29 Twp. 18 S Range 24 W

Formation Test No. 1 Interval Tested From 4,180 ft. to 4,272 ft. Total Depth 4,272 ft.

Formation Fort Scott

	MUD PIT	RECOVERY
Viscosity	45 CP	50 CP
Weight	9.25	9.25
Water Loss	12.8 CC	11.6 CC
PH Factor	8.0	7.5

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	.70	@ 42	°F.	14,000 ppm
Recovery Mud	1.40	@ 46	°F.	9,600 ppm
Recovery Mud Filtrate	1.20	@ 44	°F.	8,600 ppm
Mud Pit Sample	.46	@ 90	°F.	10,000 ppm
Mud Pit Sample Filtrate	.54	@ 90	°F.	9,200 ppm

Sample Taken By ROGER D. FRIEDLY

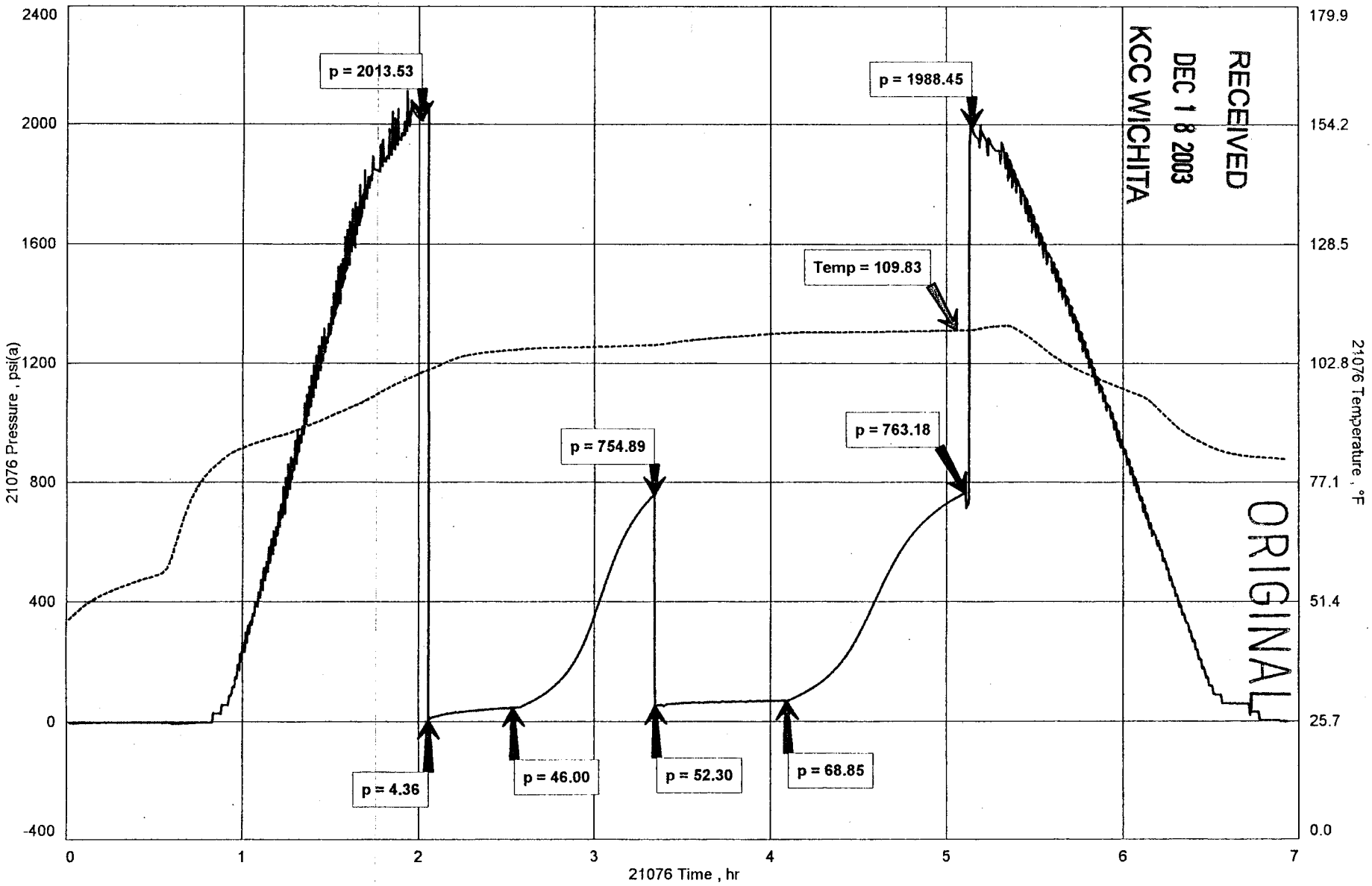
Witness By Roger L. Martin

Remarks Pit filtrate triton dish chlorides were 7,500 Ppm.
Recovery filtrate triton dish chlorides were 8,000 Ppm.
Recovery water dish chlorides were 12,000 Ppm.

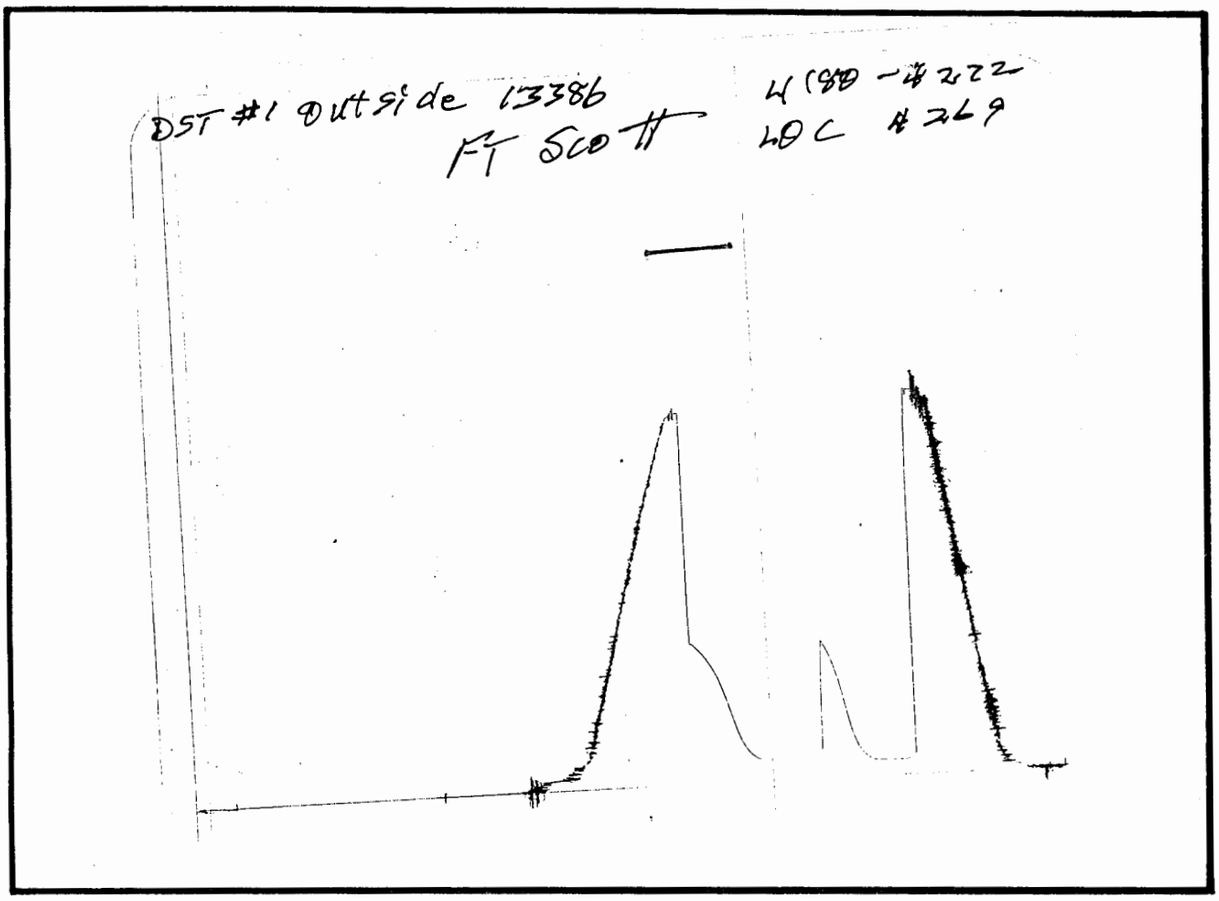
L.D. DRILLING, INC
SEC 29-18S-24W
Start Test Date: 2003/11/15
Final Test Date: 2003/11/15

STOECKLEIN #1
Formation: DST #1 FT SCOTT 4180'-4272'

STOECKLEIN #1



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This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2014	2014	PSI
(B)	First Initial Flow Pressure	4	4	PSI
(C)	First Final Flow Pressure	46	46	PSI
(D)	Initial Closed-in Pressure	755	755	PSI
(E)	Second Initial Flow Pressure	52	52	PSI
(F)	Second Final Flow Pressure	69	69	PSI
(G)	Final Closed-in Pressure	763	763	PSI
(H)	Final Hydrostatic Mud	1988	1988	PSI

COMPANY L.D. Drilling, Inc. LEASE AND WELL NO. Stoecklein No. 1 SEC. 29 TWP. 18S RGE. 24W TEST NO. 1 DATE 11-15-03