RECEIVED
DEC 18 2003
KCC WICHITA

DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21076.D05

ORIGINAL

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

Elevation 2310 KB Formation Cherokee Effective Pay -- Ft. Ticket No. 1791

Date 11-16-03 Sec. 29 Twp. 18S Range 24W County Ness State Kansas

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

Formation Test No. 2 Interval Tested from 4,284 ft. to 4,345 ft. Total Depth 4,345 ft.

Packer Depth 4,279 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,284 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,264 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,342 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 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.25 Water Loss 12.8 cc. Drill Pipe Length 4,131 ft. I.D. 3½ in.

Chlorides 9,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 30' perf. w/31' 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, ½ in., blow increasing to 3 3/4 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing to 3½ ins. No blow back during shut-in.

Recovered 50 ft. of gas in pipe

Recovered 10 ft. of clean oil = .102600 bbls. (Gravity: 36 @ 60°)

Recovered 20 ft. of slightly watery & oil cut mud = .205200 bbls. (Grind out: 8%-water; 30%-oil; 62%-mud)

Recovered 60 ft of gas & water cut oily mud = .295200 bbls. (Grind out: 2%-gas; 12%-water; 22%-oil; 64%-mud)

Recovered 60 ft. of gas & oil cut watery mud = .295200 bbls. (Grind out: 2%-gas; 4%-oil; 26%-water; 68%-mud)

Recovered 150 ft. of TOTAL FLUID = .898200 bbls.

Remarks Tool Sample Grind Out: 8%-gas; 20%-oil; 25%-water; 47%-mud

Time Set Packer(s) 1:13 ~~A~~P.M. Time Started Off Bottom 4:13 ~~A~~P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure ..... (A) 2041 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 7 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1186 P.S.I.

Final Flow Period ..... Minutes 45 (E) 56 P.S.I. to (F) 76 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1091 P.S.I.

Final Hydrostatic Pressure ..... (H) 2018 P.S.I.

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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Stoecklein No. 1

Date 11-16-03 Sec. 29 Twp. 18 S Range 24 W

Formation Test No. 2 Interval Tested From 4,284 ft. to 4,345 ft. Total Depth 4,345 ft.

Formation Cherokee

	MUD PIT	RECOVERY	
Viscosity	46 CP	-- CP	
Weight	9.25	--	
Water Loss	12.8 CC	20.8 CC	
PH Factor	8.0	--	Water 7.0

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	.60	@ 54	°F.	15,000 ppm
Recovery Mud	--	@ --	°F.	-- ppm
Recovery Mud Filtrate	--	@ --	°F.	-- ppm
Mud Pit Sample	.48	@ 76	°F.	12,500 ppm
Mud Pit Sample Filtrate	.54	@ 76	°F.	11,500 ppm

Sample Taken By ROGER D. FRIEDLY

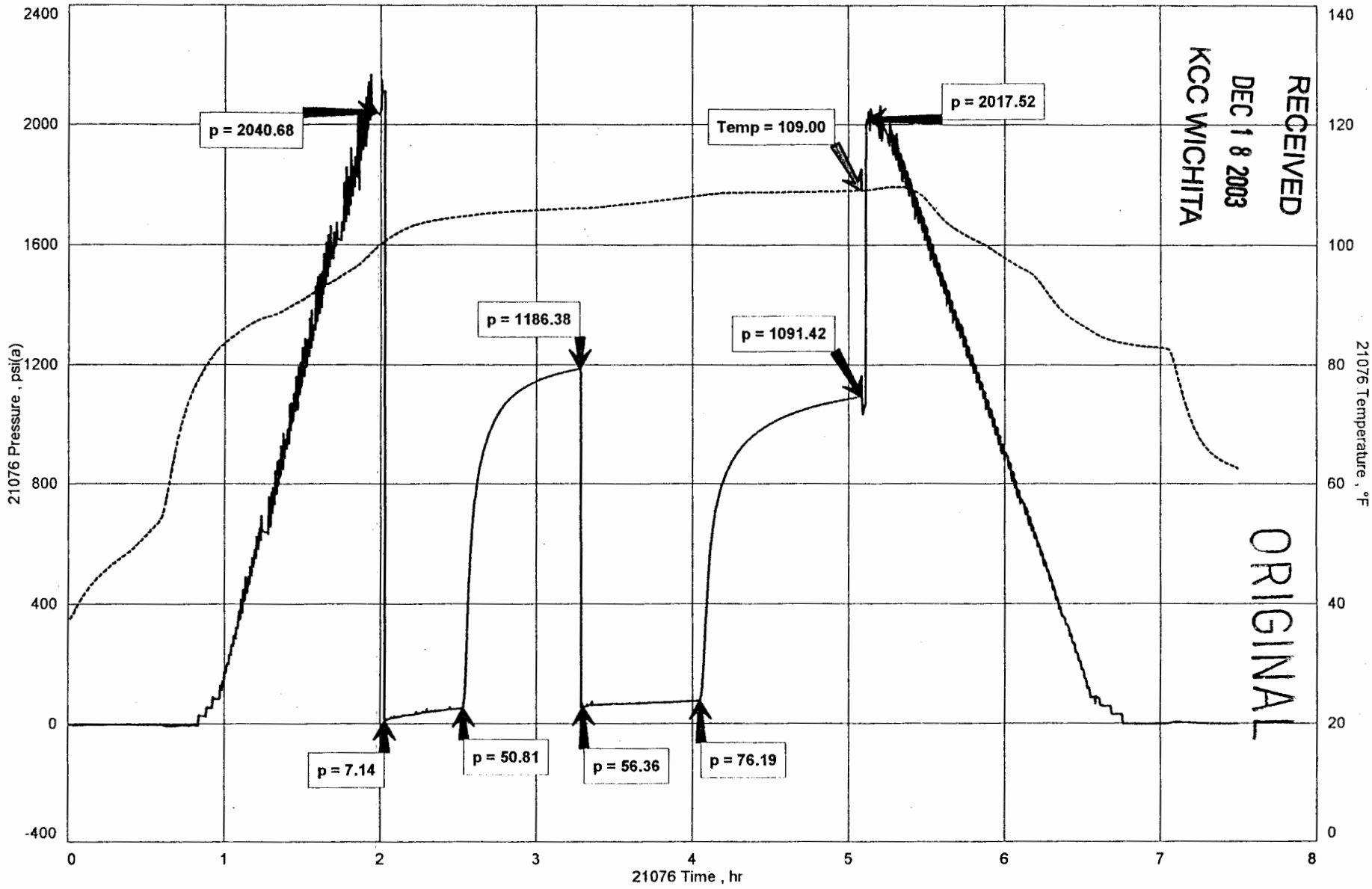
Witness By Roger L. Martin

Remarks Pit filtrate triton dish chlorides were 9,000 Ppm.
Recovery water dish chlorides were 10,000 Ppm.

L.D. DRILLING, INC.
NESS COUNTY, KANSAS
Start Test Date: 2003/11/16
Final Test Date: 2003/11/16

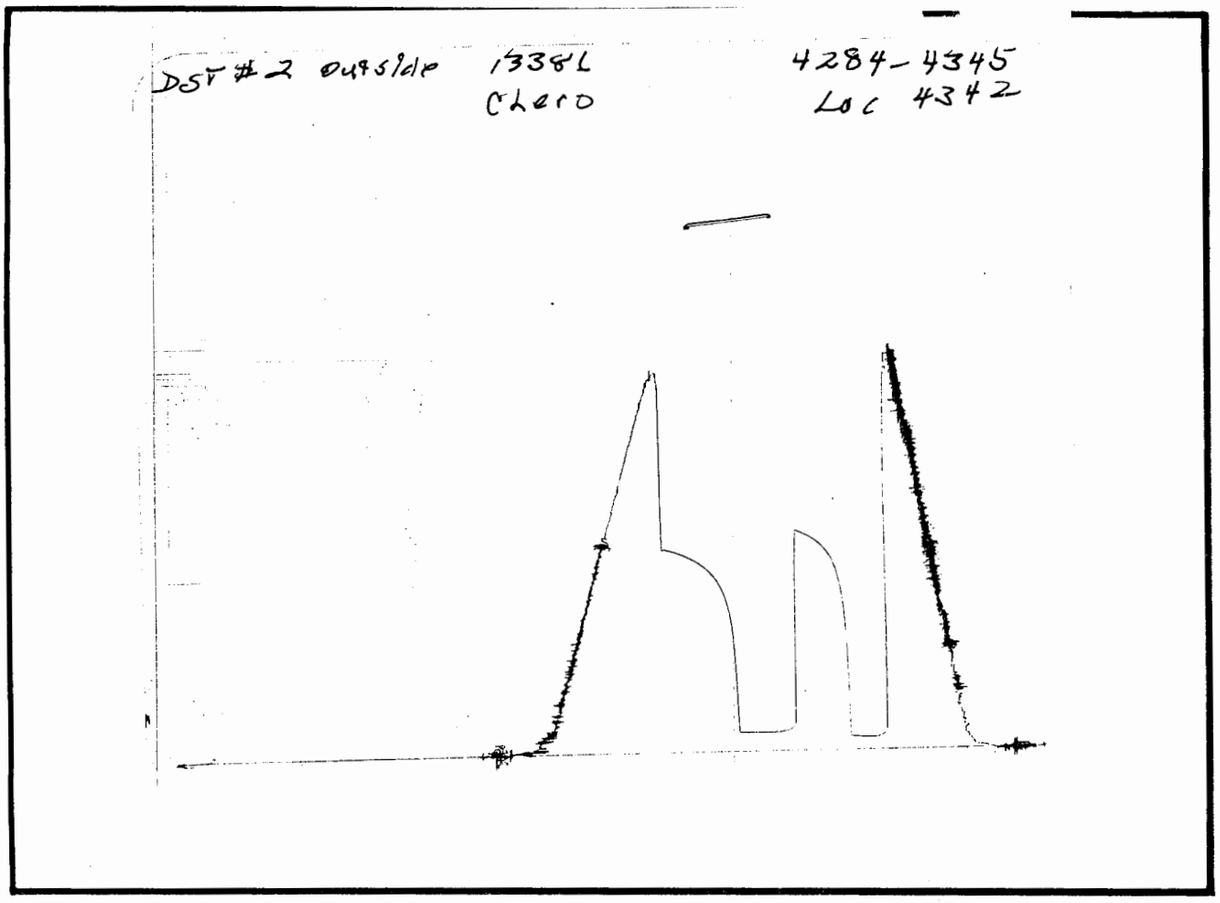
STOECKLEIN #1
Formation: DST #2 CHERO. 4282'-4345
Pool: WILDCAT

STOECKLEIN #1



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ORIGINAL



This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	2041	2041	PSI
(B)	First Initial Flow Pressure	7	7	PSI
(C)	First Final Flow Pressure	51	51	PSI
(D)	Initial Closed-in Pressure	1186	1186	PSI
(E)	Second Initial Flow Pressure	56	56	PSI
(F)	Second Final Flow Pressure	76	76	PSI
(G)	Final Closed-in Pressure	1091	1091	PSI
(H)	Final Hydrostatic Mud	2018	2018	PSI

COMPANY L.D. Drilling, Inc. LEASE AND WELL NO. Stoecklein No. 1 SEC. 29 TWP. 18S RGE. 24W TEST NO. 2 DATE 11-16-03

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STC 21076.D06

ORIGINAL

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

Elevation 2310 KB Formation Conglomerate/Mississippi Effective Pay -- Ft. Ticket No. 1792

Date 11-17-03 Sec. 29 Twp. 18S Range 24W County Ness State Kansas

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

Formation Test No. 3 Interval Tested from 4,345 ft. to 4,375 ft. Total Depth 4,375 ft.

Packer Depth 4,340 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,345 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,325 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,372 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 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.25 Water Loss 13.2 cc. Drill Pipe Length 4,193 ft. I.D. 3½ in.

Chlorides 9,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number BJ No. 1 Anchor Length 30 ft. 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, ½ in., blow increasing. Off bottom of bucket in 26 mins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 33½ mins. No blow back during shut-in.

Recovered 15 ft. of gas in pipe

Recovered 62 ft. of muddy water with a scum of oil = .636120 bbls. (Grind out: 48%-mud; 52%-water)

Recovered 112 ft. of muddy water with a scum of oil = 1.149120 bbls. (Grind out: 22%-mud; 78%-water)

Recovered 244 ft. of muddy water with a scum of oil = 1.862640 bbls. (Grind out: 14%-mud; 86%-water)

Recovered 418 ft. of TOTAL FLUID = 3.647880 bbls.

Remarks Tool Sample Grind Out: scum of oil; 1%-mud; 99%-water

Time Set Packer(s) 8:00 A.M. P.M. Time Started Off Bottom 11:00 A.M. P.M. Maximum Temperature 121°

Initial Hydrostatic Pressure ..... (A) 2056 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 10 P.S.I. to (C) 109 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1313 P.S.I.

Final Flow Period ..... Minutes 45 (E) 112 P.S.I. to (F) 196 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1312 P.S.I.

Final Hydrostatic Pressure ..... (H) 2027 P.S.I.

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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Stoecklein No. 1

Date 11-17-03 Sec. 29 Twp. 18 S Range 24 W

Formation Test No. 3 Interval Tested From 4,345 ft. to 4,375 ft. Total Depth 4,375 ft.

Formation Mississippi

	MUD PIT	RECOVERY	
Viscosity	49 CP	32 CP	
Weight	9.25	8.5	
Water Loss	13.2 CC	50+ CC	
PH Factor	8.0	7.0	Water 7.0

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	.32	@ 81	°F.	18,500 ppm
Recovery Mud	.34	@ 82	°F.	18,200 ppm
Recovery Mud Filtrate	.40	@ 80	°F.	14,200 ppm
Mud Pit Sample	.52	@ 72	°F.	12,500 ppm
Mud Pit Sample Filtrate	.54	@ 76	°F.	11,500 ppm

Sample Taken By ROGER D. FRIEDLY

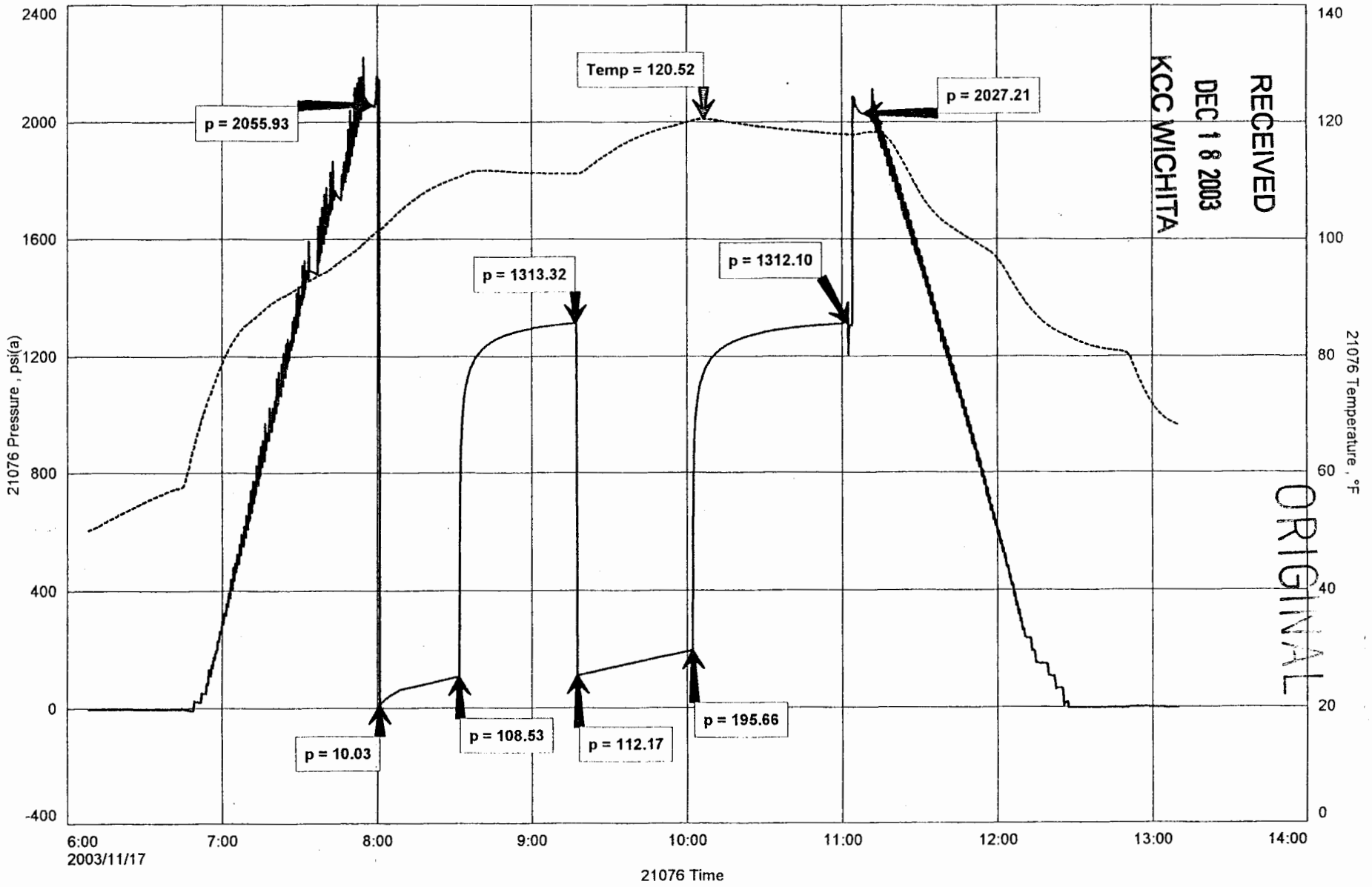
Witness By Roger L. Martin

Remarks Pit filtrate triton dish chlorides were 9,500 Ppm.
Recovery filtrate triton dish chlorides were 12,000 Ppm.
Recovery water dish chlorides were 16,000 Ppm.

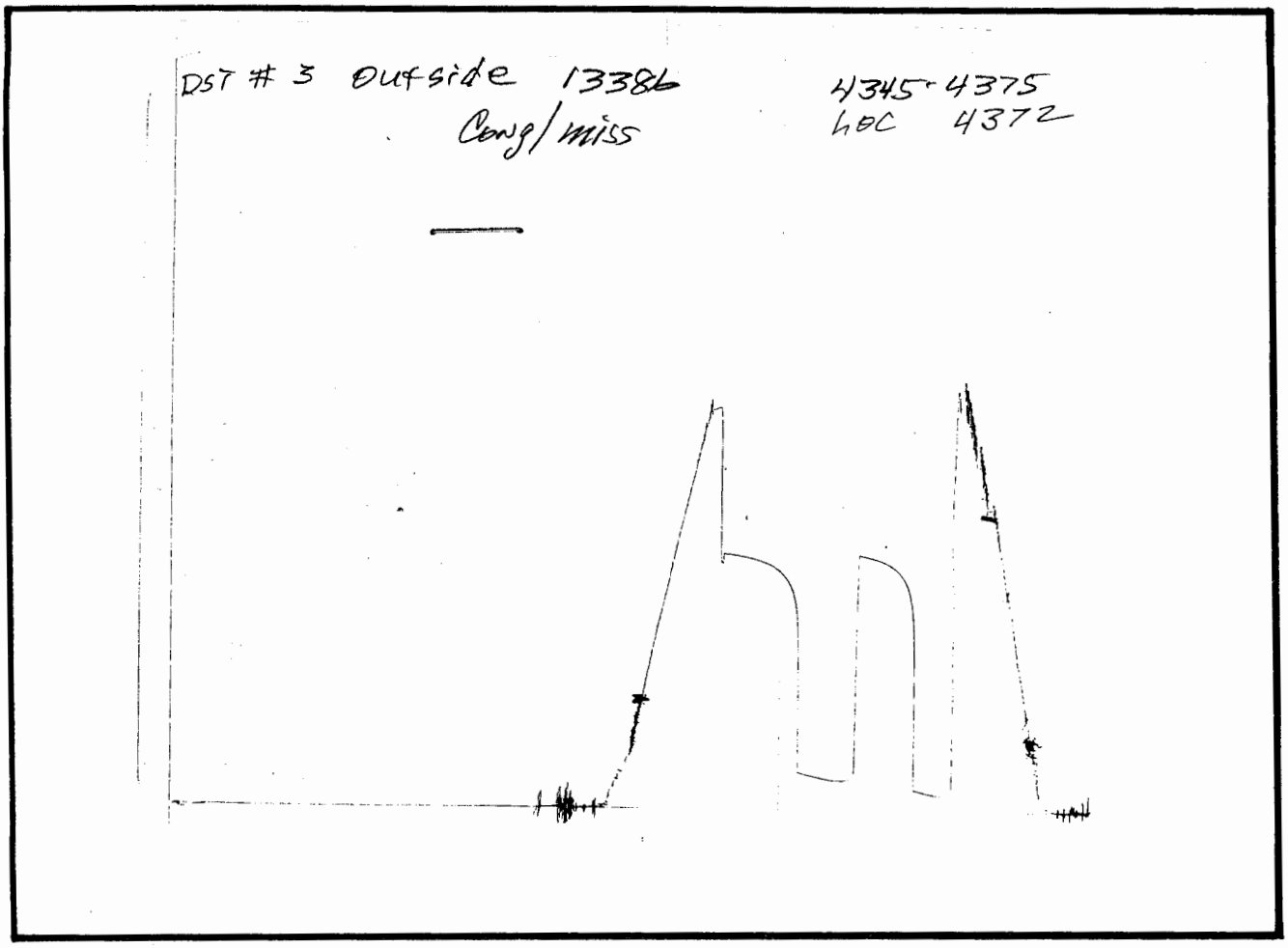
L.D. DRILLING, INC.
SEC 29-18S-24W
Start Test Date: 2003/11/17
Final Test Date: 2003/11/17

STOECKLEIN #1
Formation: DST #3 CONG/MISS 4345'-4375'
Pool: WILDCAT

STOECKLEIN #1



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This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Elec. Office Reading	
(A)	Initial Hydrostatic Mud	2056	2056	PSI
(B)	First Initial Flow Pressure	10	10	PSI
(C)	First Final Flow Pressure	109	109	PSI
(D)	Initial Closed-in Pressure	1313	1313	PSI
(E)	Second Initial Flow Pressure	112	112	PSI
(F)	Second Final Flow Pressure	196	196	PSI
(G)	Final Closed-in Pressure	1312	1312	PSI
(H)	Final Hydrostatic Mud	2027	2027	PSI

COMPANY L.D. Drilling, Inc. LEASE AND WELL NO. Stoecklein No. 1 SEC. 29 TWP. 18S RGE. 24W TEST NO. 3 DATE 11-17-03