

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D 383

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Reif No. 2

Elevation 1957KB Formation Lansing/Kansas City "A" Effective Pay -- Ft. Ticket No. J1986

Date 11-30-06 Sec. 30 Twp. 16S Range 12W County Barton State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,173 ft. to 3,210 ft. Total Depth 3,210 ft.

Packer Depth 3,168 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,173 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,176 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,207 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Warren Drilling, LLC - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 63 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 9.6 cc. Drill Pipe Length 3,153 ft. I.D. 3 1/2 in.

Chlorides 5,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 37 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 blow. Dead in 12 mins.

2nd Open: No blow.

Recovered 15 ft. of drilling mud = .213000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 2:15 ~~AM~~ P.M. Time Started Off Bottom 2:45 ~~AM~~ P.M. Maximum Temperature 87°

Initial Hydrostatic Pressure 1504 P.S.I. (A)

Initial Flow Period 15 Minutes (B) 40 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period 15 Minutes (D) 561 P.S.I.

Final Flow Period -- Minutes (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure 1457 P.S.I. (H)

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: REIF #2

Operator: L D DRILLING INC

Location-Downhole: DST #1 3173 TO 3210

Location-Surface: S30/16S/12W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D383

Test Unit: 2

Start Date: 2006/11/30

Start Time: 11:20:00

End Date: 2006/11/30

End Time: 18:00:00

Report Date: 2006/11/30

Prepared By: JOHN RIEDL

Remarks:

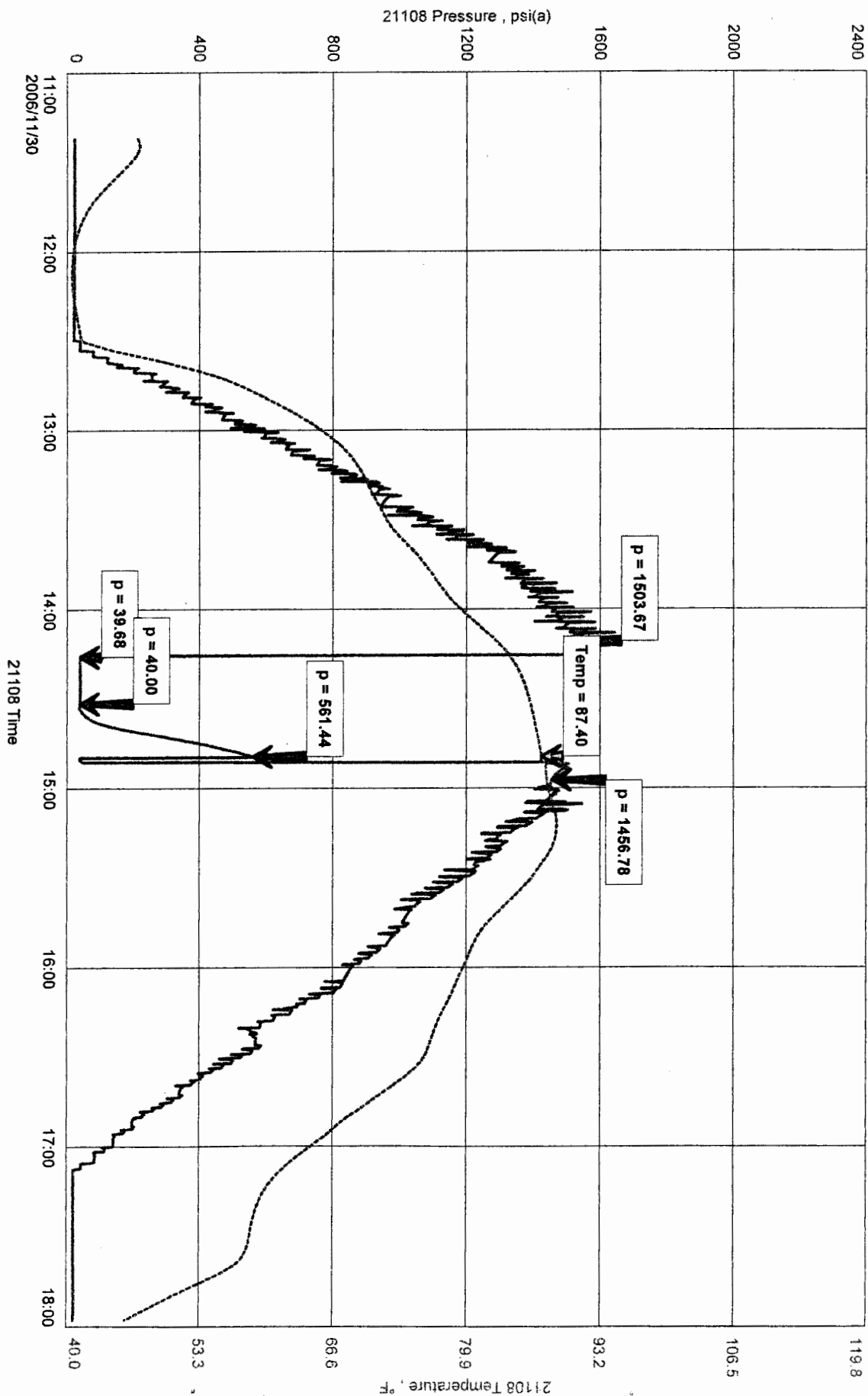
Qualified By: KIM SHOEMAKER

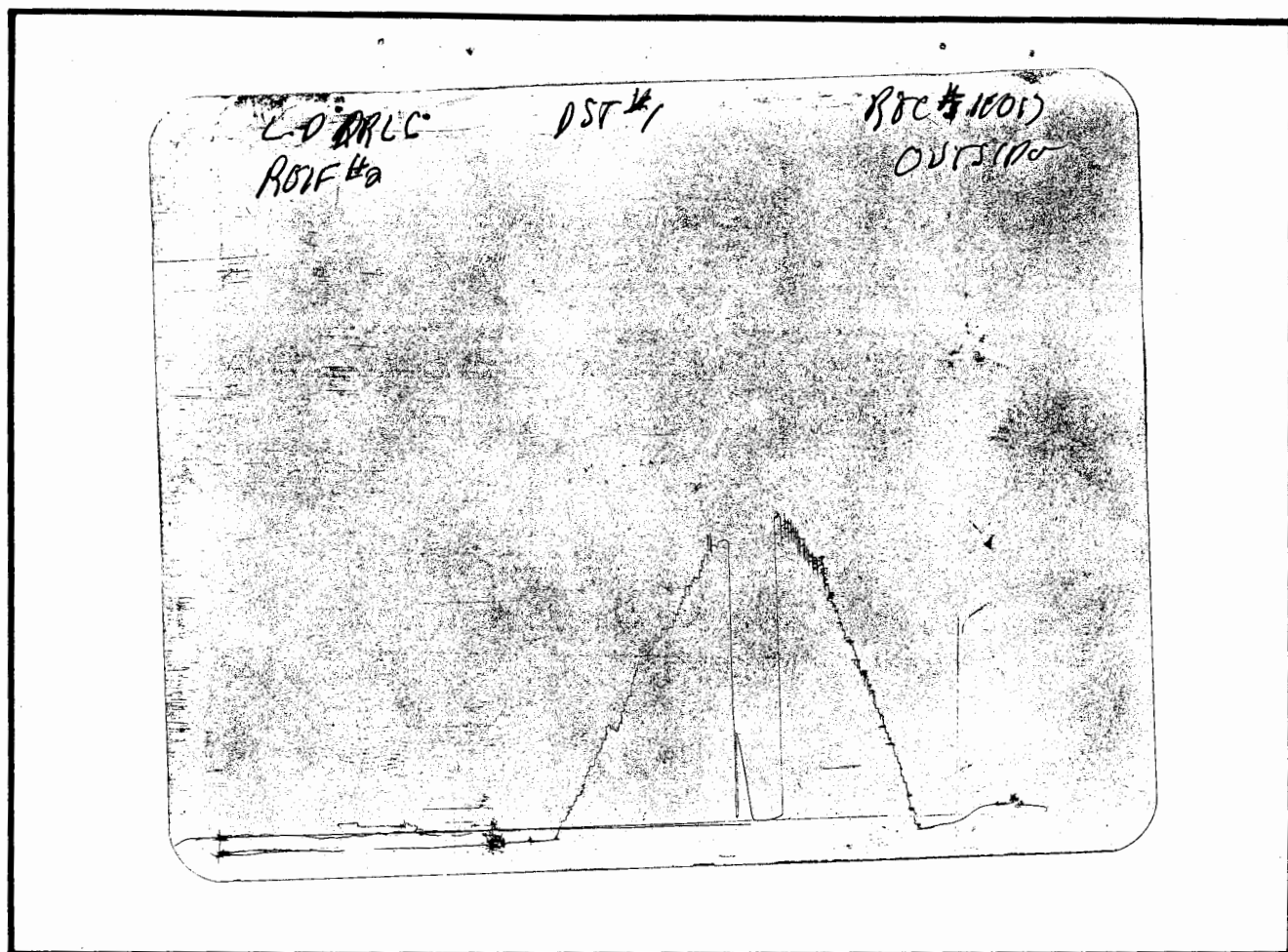
RECOVERY: 15' DRILLING MUD

L D DRILLING INC
DST #1 3173 TO 3210
Start Test Date: 2006/11/30
Final Test Date: 2006/11/30

REIF #2

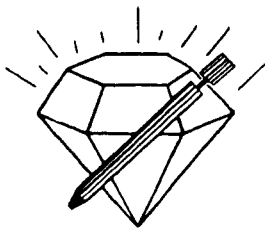
REIF #2
Formation: LANS "A"
Job Number: D383





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1504	1504
(B) First Initial Flow Pressure	40	40
(C) First Final Flow Pressure	40	40
(D) Initial Closed-in Pressure	561	561
(E) Second Initial Flow Pressure	--	--
(F) Second Final Flow Pressure	--	--
(G) Final Closed-in Pressure	--	--
(H) Final Hydrostatic Mud	1457	1457



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D 384

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Reif No. 2

Elevation 1957KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1987

Date 12-01-06 Sec. 30 Twp. 16S Range 12W County Barton State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,413 ft. to 3,453 ft. Total Depth 3,453 ft.

Packer Depth 3,408 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,413 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,416 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,450 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Warren Drilling, LLC - Rig 2 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 12.8 cc. Drill Pipe Length 3,393 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 40 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, 1/2 in., blow decreasing to a surface blow.

2nd Open: Not run.

Recovered 2 ft. of free oil = .028400 bbls.

Recovered 13 ft. of slightly oil cut mud = .184600 bbls. (Grind out: 3%-oil; 97%-mud)

Recovered 15 ft. of TOTAL FLUID = .213000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 8:10 ~~AM~~ P.M. Time Started Off Bottom 8:50 ~~AM~~ P.M. Maximum Temperature 96°

Initial Hydrostatic Pressure (A) 1624 P.S.I.

Initial Flow Period Minutes 20 (B) 39 P.S.I. to (C) 42 P.S.I.

Initial Closed In Period Minutes 20 (D) 959 P.S.I.

Final Flow Period Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1599 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: REIF #2

Operator: L D DRILLING INC

Location-Downhole: DST #2 3413 TO 3453

Location-Surface: S30/16S/12W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D384

Test Unit: 2

Start Date: 2006/12/01

Start Time: 17:55:00

End Date: 2006/12/01

End Time: 23:50:00

Report Date: 2006/12/01

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KIM SHOEMAKER

RECOVERY: 2' FREE OIL

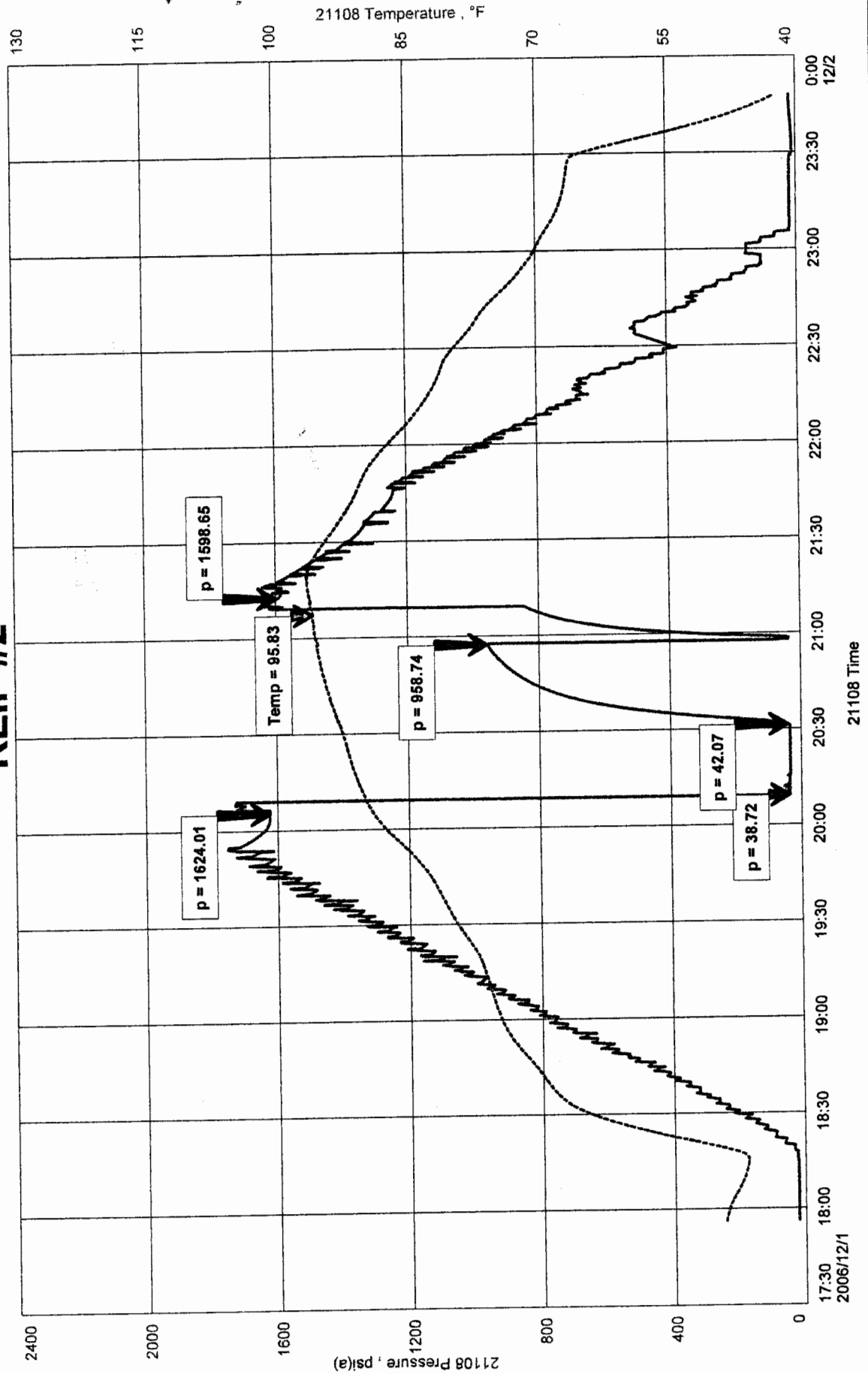
13' SLOCM (3%OIL 97%MUD)

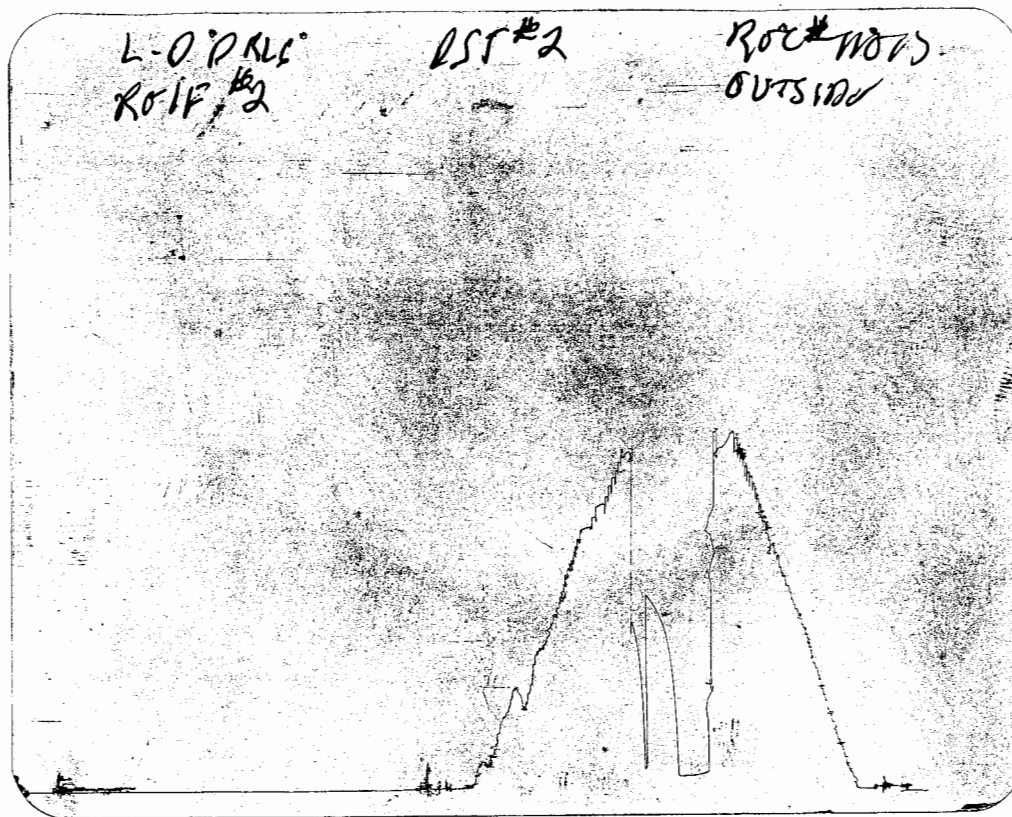
TOTAL FLUID RECOVERY 15' IN DRILL PIPE

REIF #2
Formation: ARBUCKLE
Job Number: D384

L D DRILLING INC
DST #2 3413 TO 3453
Start Test Date: 2006/12/01
Final Test Date: 2006/12/01

REIF #2





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1624	1624
(B) First Initial Flow Pressure.....	39	39
(C) First Final Flow Pressure	42	42
(D) Initial Closed-in Pressure	959	959
(E) Second Initial Flow Pressure	--	--
(F) Second Final Flow Pressure.....	--	--
(G) Final Closed-in Pressure.....	--	--
(H) Final Hydrostatic Mud	1599	1599



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D385

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Reif No. 2
Elevation 1957KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1988
Date 12-02-06 Sec. 30 Twp. 16S Range 12W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,415 ft. to 3,461 ft. Total Depth 3,461 ft.

Packer Depth 3,410 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,415 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,418 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,458 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Warren Drilling, LLC - Rig 2 Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.0 Water Loss 12.8 cc. Drill Pipe Length 3,395 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 46 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 blow, slowly building to 3 ins.

2nd Open: Weak, 1/4 in., blow throughout.

Recovered 5 ft. of free oil = .071000 bbls.

Recovered 65 ft. of very slightly oil cut watery mud = .923000 bbls. (Grind out: 1%-oil; 12%-water; 87%-mud)

Recovered 70 ft. of TOTAL FLUID = .994000 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 10:08 ~~AM~~ ^{AM} Time Started Off Bottom 12:08 ~~PM~~ ^{PM} Maximum Temperature 92°

Initial Hydrostatic Pressure (A) 1635 P.S.I.

Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 51 P.S.I.

Initial Closed In Period Minutes 30 (D) 1019 P.S.I.

Final Flow Period Minutes 30 (E) 55 P.S.I. to (F) 66 P.S.I.

Final Closed In Period Minutes 30 (G) 979 P.S.I.

Final Hydrostatic Pressure (H) 1625 P.S.I.

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: REIF #2

Operator: L D DRILLING INC

Location-Downhole: DST #3 3415 TO 3461

Location-Surface: S30/16S/12W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D385

Test Unit: 2

Start Date: 2006/12/02 Start Time: 08:5

End Date: 2006/12/02 End Time: 14:2

Report Date: 2006/12/02 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMA

Remarks:

RECOVERY: 5' FREE OIL

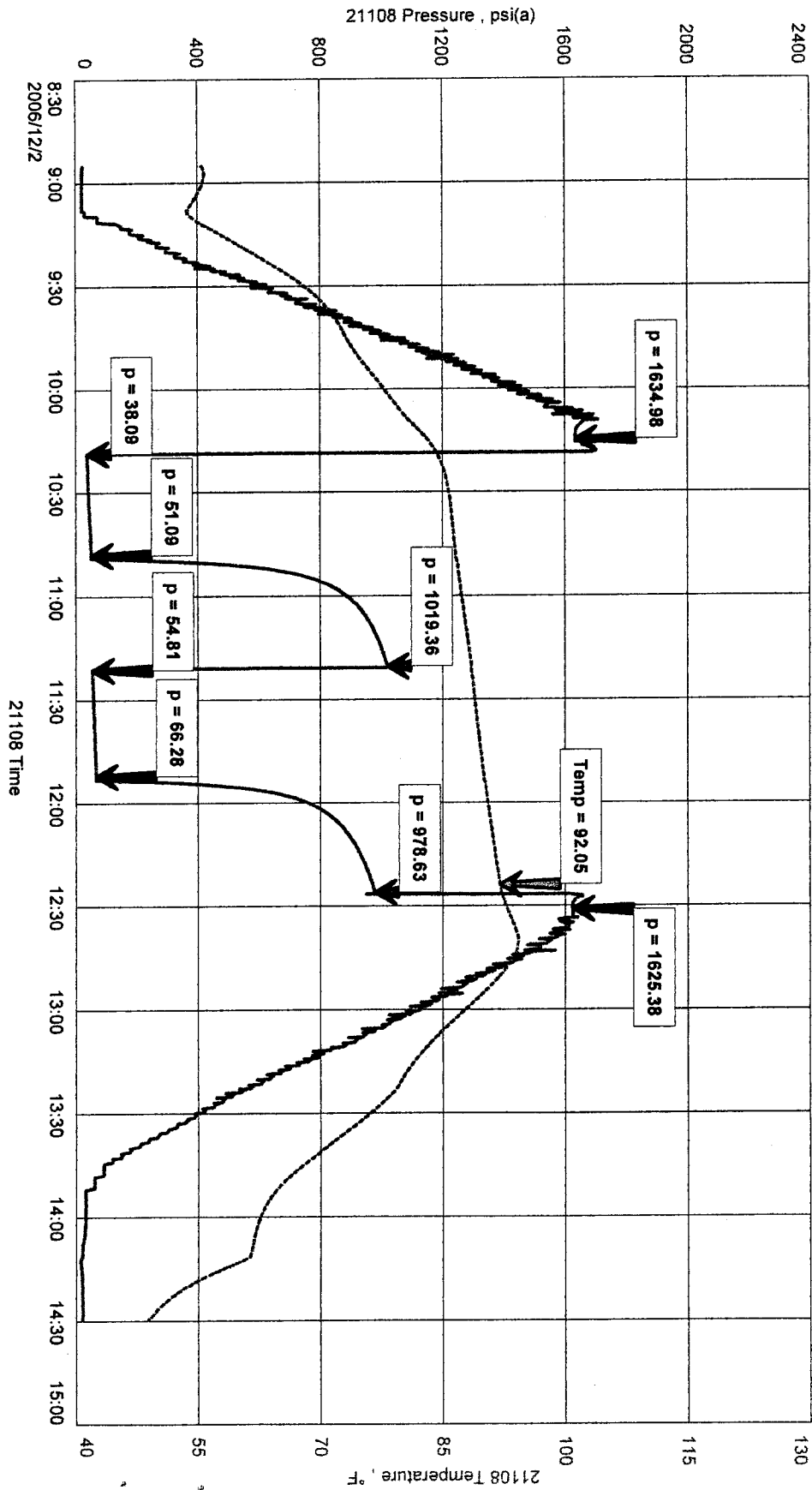
65' VSLOCWM (1%OIL 12%WATER 87%MUD) CHLORIDES 6,000Ppm

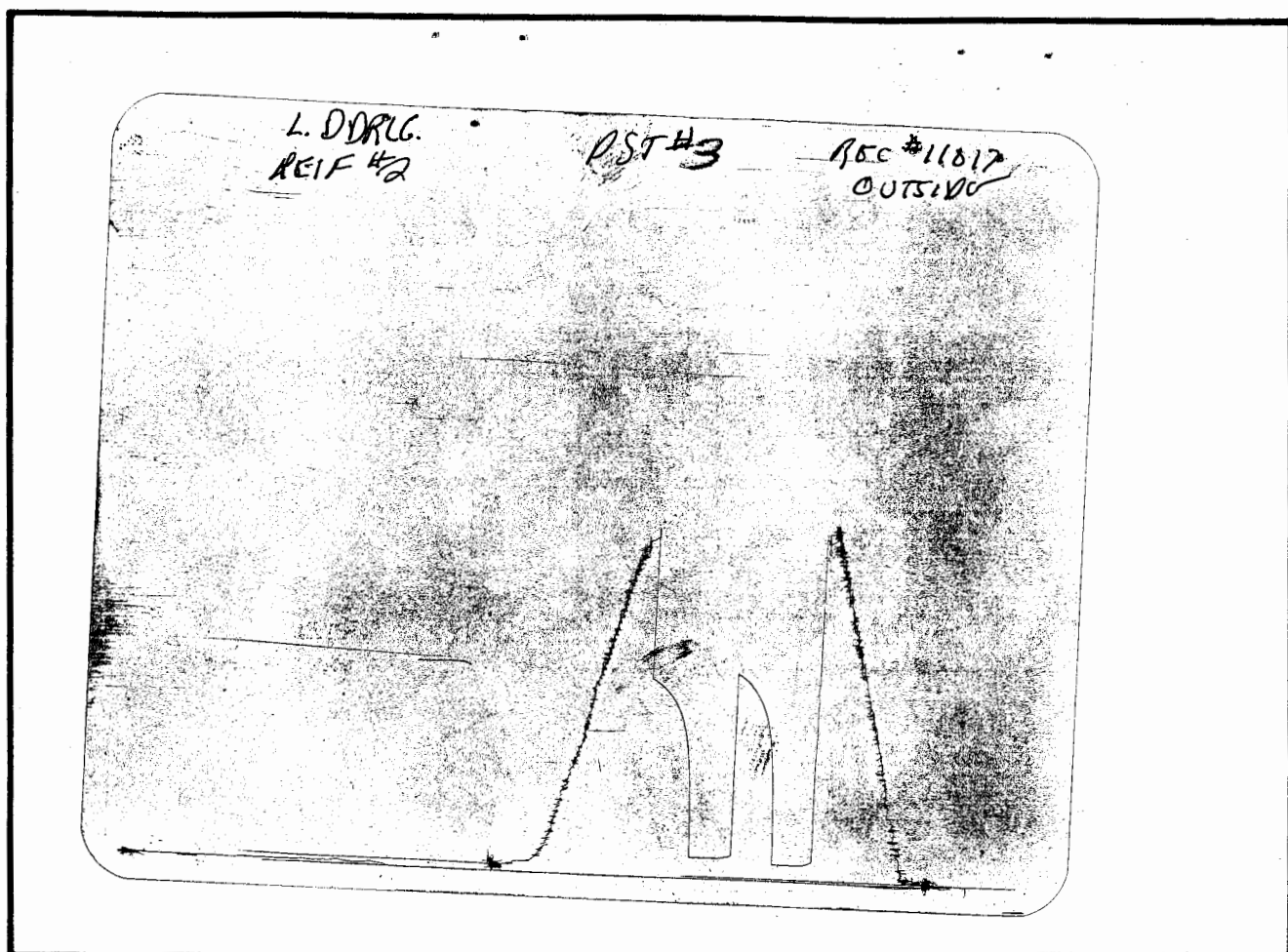
TOTAL FLUID REC. 70' IN DRILL PIPE

L D DRILLING INC
DST #3 3415 TO 3461
Start Test Date: 2006/12/02
Final Test Date: 2006/12/02

REIF #2

REIF #2
Formation: ARBUCKLE
Job Number: D385





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	1635		1635	PSI
(B) First Initial Flow Pressure.....	38		38	PSI
(C) First Final Flow Pressure	51		51	PSI
(D) Initial Closed-in Pressure	1019		1019	PSI
(E) Second Initial Flow Pressure	55		55	PSI
(F) Second Final Flow Pressure.....	66		66	PSI
(G) Final Closed-in Pressure	979		979	PSI
(H) Final Hydrostatic Mud	1625		1625	PSI