

15-009-24995

10-18s-15w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21108.D415

Page 1 of 2 Pages

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

Elevation 1957KB Formation Topeka Effective Pay -- Ft. Ticket No. J2017

Date 1-26-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas

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

Formation Test No. 1 Interval Tested from 3,124 ft. to 3,142 ft. Total Depth 3,142 ft.

Packer Depth 3,119 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,124 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,127 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,139 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 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 41 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 2,984 ft. I.D. 3 1/2 in.

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

Jars: Make Bowen Serial Number Not Run Anchor Length 18 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 throughout.

2nd Open: No blow.

Recovered 20 ft. of drilling mud = .098400 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 9:40 ~~AM~~ P.M. Time Started Off Bottom 11:40 ~~AM~~ P.M. Maximum Temperature 96°

Initial Hydrostatic Pressure 1482 P.S.I. (A)

Initial Flow Period 30 Minutes (B) 29 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period 30 Minutes (D) 515 P.S.I.

Final Flow Period 30 Minutes (E) 31 P.S.I. to (F) 32 P.S.I.

Final Closed In Period 30 Minutes (G) 458 P.S.I.

Final Hydrostatic Pressure 1443 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #1 3124 TO 3142

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D415

Test Unit: 2

Start Date: 2007/01/26 Start Time: 19:40:00

End Date: 2007/01/27 End Time: 02:10:00

Report Date: 2007/01/27 Prepared By: JOHN RIEDL

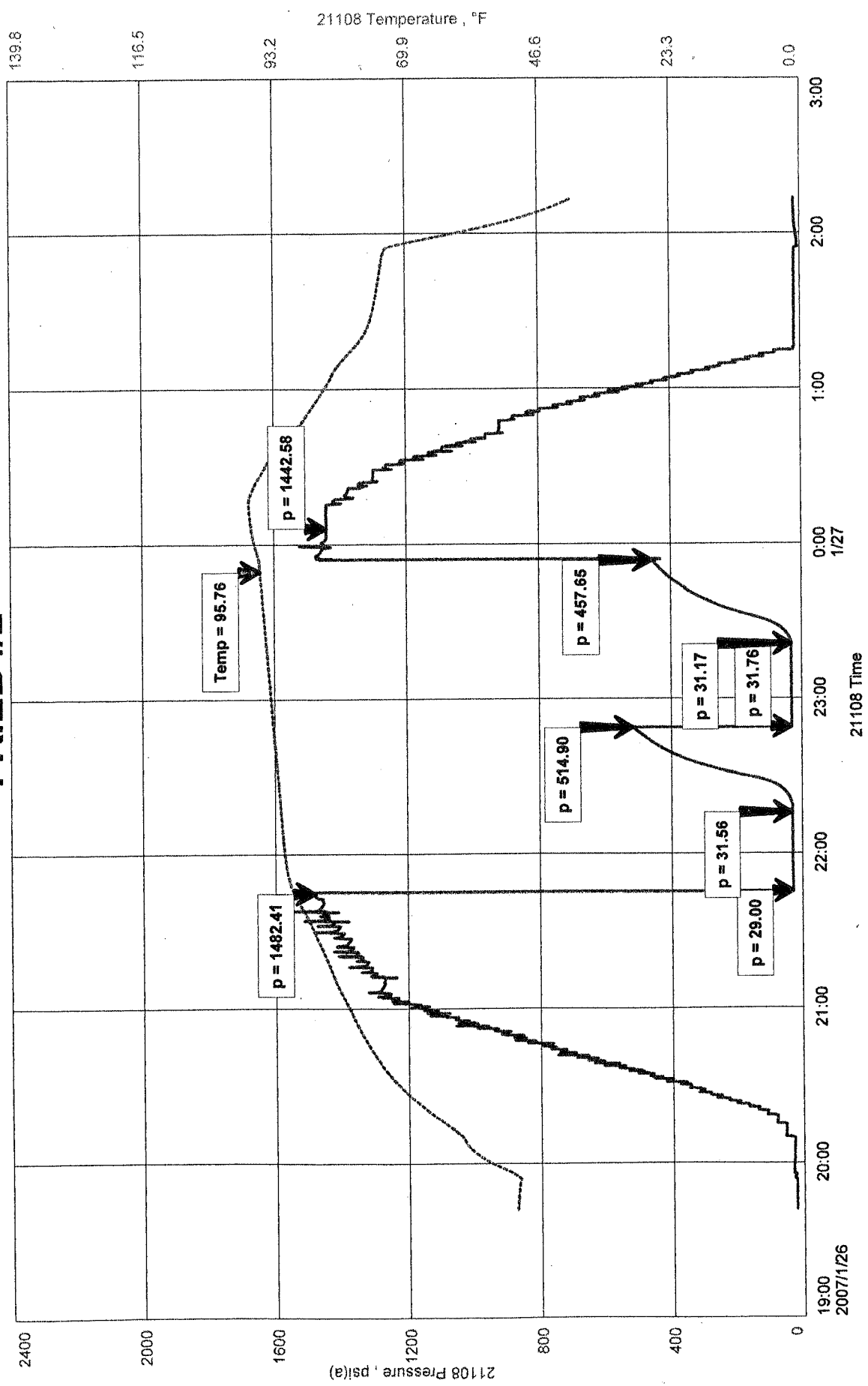
Remarks: Qualified By: KIM SHOEMAKER

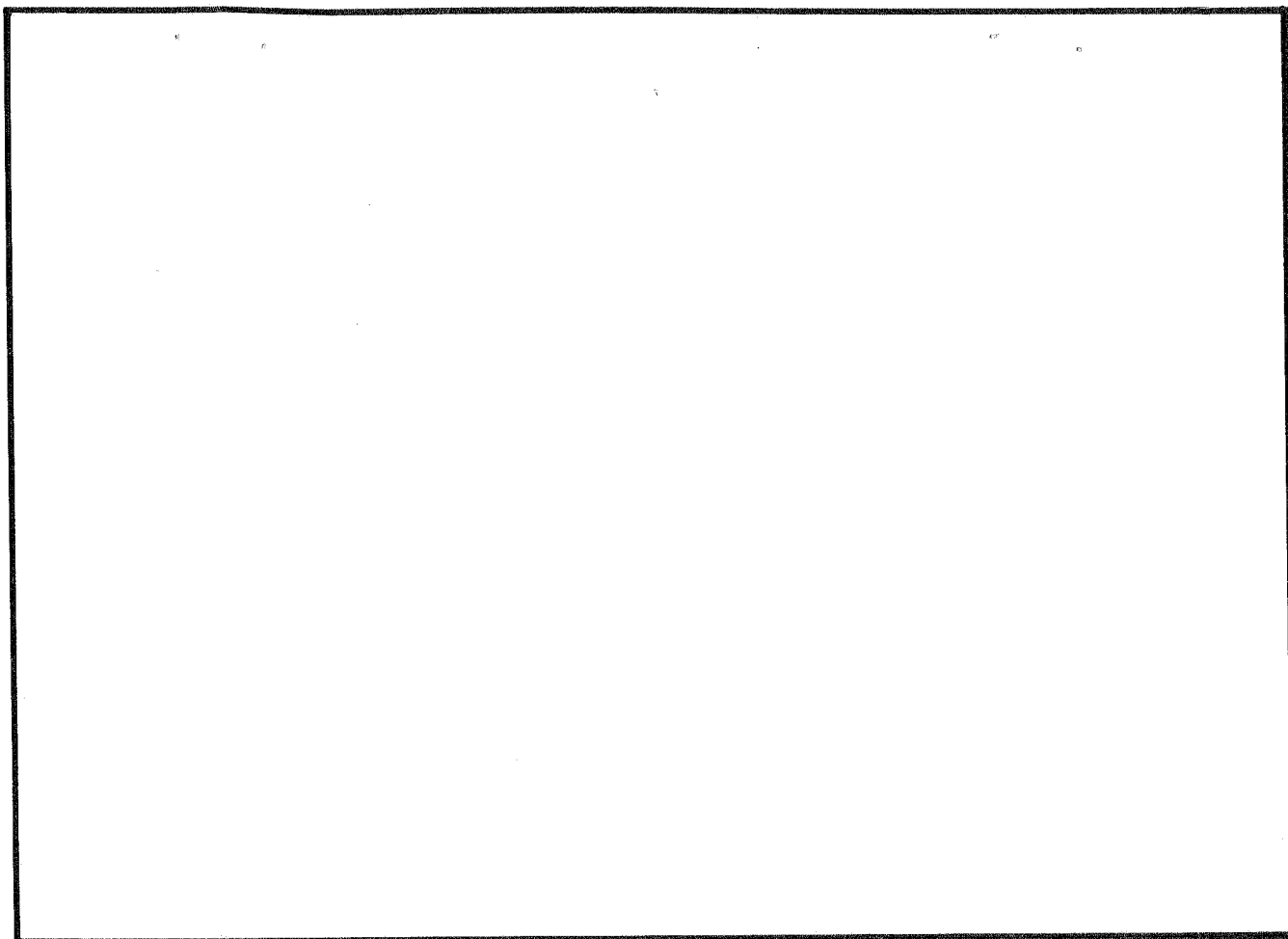
RECOVERY: 20' DRILLING MUD

FRIEB #2
 Formation: TOPEKA
 Job Number: D415

LD DRILLING INC
 DST #1 3124 TO 3142
 Start Test Date: 2007/01/26
 Final Test Date: 2007/01/27

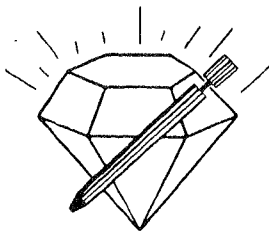
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1482	1482
(B) First Initial Flow Pressure.....	29	29
(C) First Final Flow Pressure	32	32
(D) Initial Closed-in Pressure	515	515
(E) Second Initial Flow Pressure	31	31
(F) Second Final Flow Pressure.....	32	32
(G) Final Closed-in Pressure.....	458	458
(H) Final Hydrostatic Mud	1443	1443



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D416

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Frieb No. 2
Elevation 1957KB Formation Lansing "A" Effective Pay -- Ft. Ticket No. J2018
Date 1-27-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,258 ft. to 3,272 ft. Total Depth 3,272 ft.

Packer Depth 3,253 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,258 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,261 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,269 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 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 60 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.0 cc. Drill Pipe Length 3,118 ft. I.D. 3 1/2 in.

Chlorides 4,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - JF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 14 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: Strong blow. Off bottom of bucket in 1 min. Good blow back during shut-in.

2nd Open: Strong, 9 in., blow in 30 mins., then decreasing to 4 ins. Weak blow back during shut-in.

Recovered 560 ft. of slightly gas cut water = 6.838400 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 72,000 Ppm

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 5:50 ^{AM} P.M. Time Started Off Bottom 8:50 ^{AM} P.M. Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 1552 P.S.I.

Initial Flow Period Minutes 30 (B) 53 P.S.I. to (C) 156 P.S.I.

Initial Closed In Period Minutes 45 (D) 637 P.S.I.

Final Flow Period Minutes 45 (E) 163 P.S.I. to (F) 263 P.S.I.

Final Closed In Period Minutes 60 (G) 639 P.S.I.

Final Hydrostatic Pressure (H) 1524 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #2 3258 TO 3272

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHLOEMAKER

Test Type: CONVENTIONAL

Job Number: D416

Test Unit: 2

Start Date: 2007/01/27

Start Time: 16:08:00

End Date: 2007/01/27

End Time: 23:05:00

Report Date: 2007/01/27

Prepared By: JOHN RIEDL

Remarks:

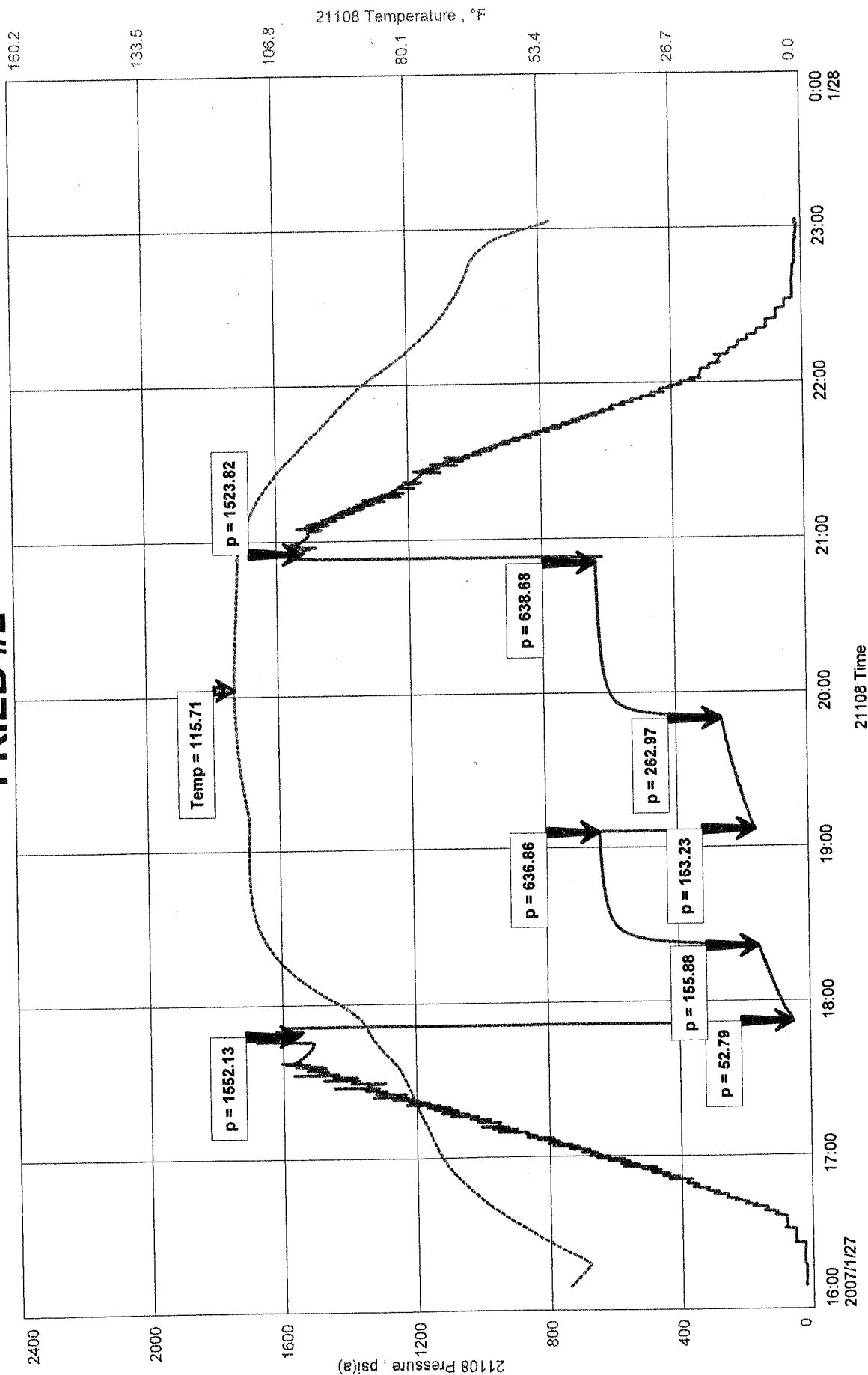
Qualified By: KIM SHOEMAKER

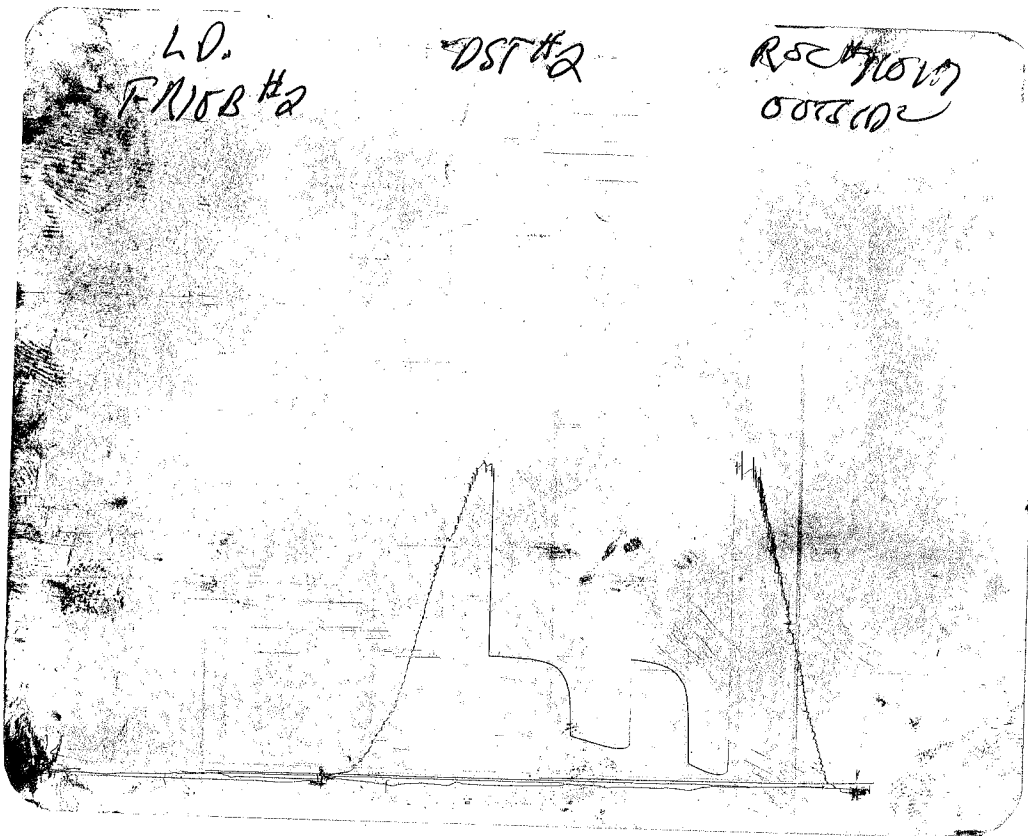
RECOVERY: 560' SLGCW

FRIEB #2
Formation: LANSING "A"
Job Number: D416

L D DRILLING INC
DST #2 3258 TO 3272
Start Test Date: 2007/01/27
Final Test Date: 2007/01/27

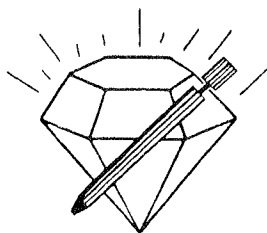
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec.
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1552	1552	PSI
(B) First Initial Flow Pressure.....	53	53	PSI
(C) First Final Flow Pressure	156	156	PSI
(D) Initial Closed-in Pressure	637	637	PSI
(E) Second Initial Flow Pressure.....	163	163	PSI
(F) Second Final Flow Pressure.....	263	263	PSI
(G) Final Closed-in Pressure.....	639	639	PSI
(H) Final Hydrostatic Mud.....	1524	1524	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D417

Page 1 of 2 Pages

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

Elevation 1957KB Formation Lansing "B" Effective Pay -- Ft. Ticket No. J2019

Date 1-28-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas

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

Formation Test No. 3 Interval Tested from 3,276 ft. to 3,290 ft. Total Depth 3,290 ft.

Packer Depth 3,271 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,276 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,279 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,287 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 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 8.8 cc. Drill Pipe Length 3,136 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 14 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: Strong blow. Off bottom of bucket in 25 mins. Weak blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 28 mins. Weak blow back during shut-in.

Recovered 80 ft. of gas in pipe

Recovered 10 ft. of oil specked gassy muddy water = .142000 bbls.

Recovered 150 ft. of gassy water = 1.016400 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 85,000 Ppm.

Recovered 160 ft. of TOTAL FLUID = 1.158400 bbls.

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 11:32 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:32 ~~P.M.~~ ^{P.M.} Maximum Temperature 101°

Initial Hydrostatic Pressure (A) 1549 P.S.I.

Initial Flow Period Minutes 30 (B) 37 P.S.I. to (C) 76 P.S.I.

Initial Closed In Period Minutes 45 (D) 903 P.S.I.

Final Flow Period Minutes 45 (E) 85 P.S.I. to (F) 107 P.S.I.

Final Closed In Period Minutes 60 (G) 885 P.S.I.

Final Hydrostatic Pressure (H) 1537 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #3 3276 TO 3290

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D417

Test Unit: 2

Start Date: 2007/01/28 Start Time: 09:30:00

End Date: 2007/01/28 End Time: 16:45:00

Report Date: 2007/01/28 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

REC: 80' GAS IN PIPE

10' OIL SPECKED GMW

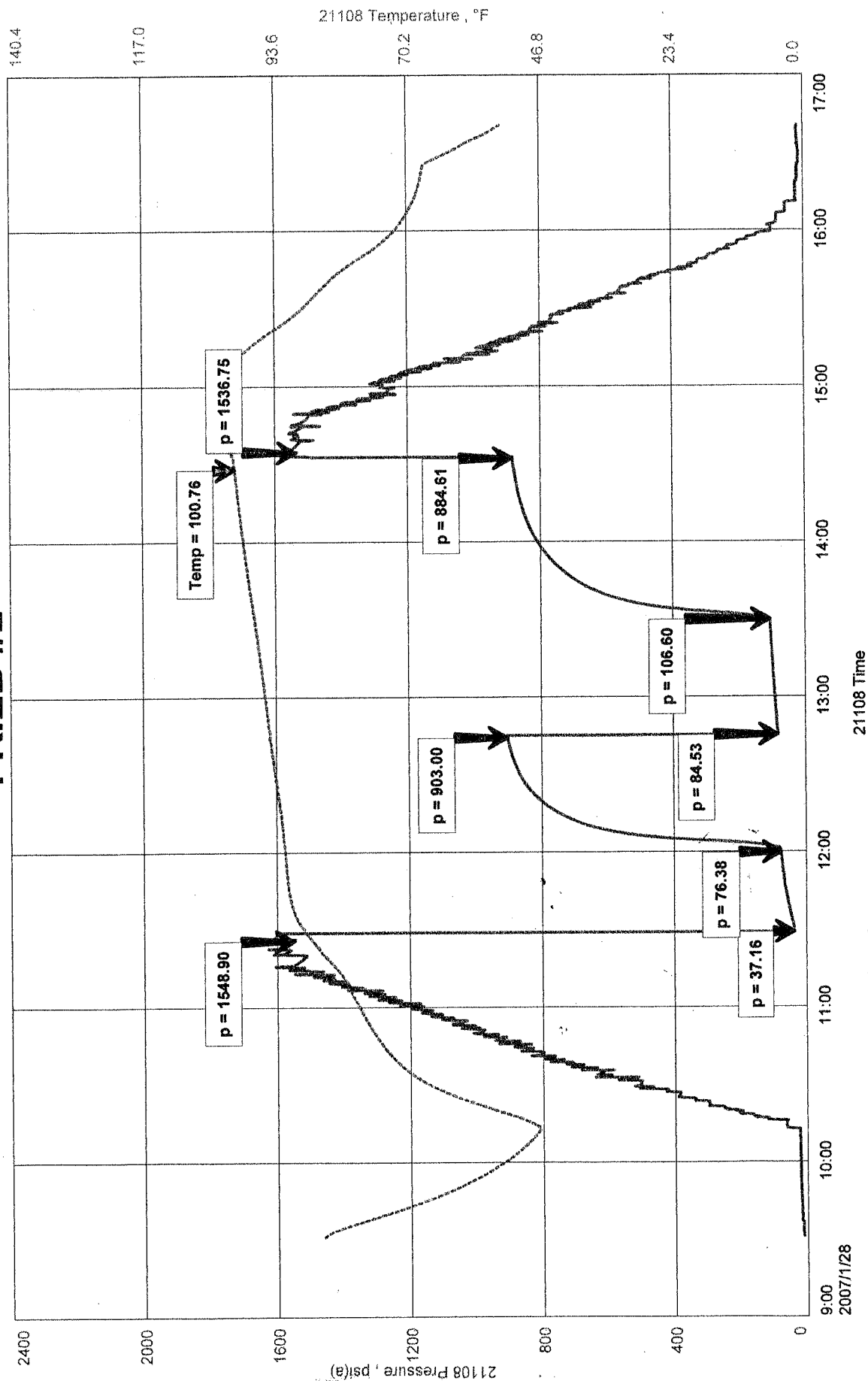
150' GW

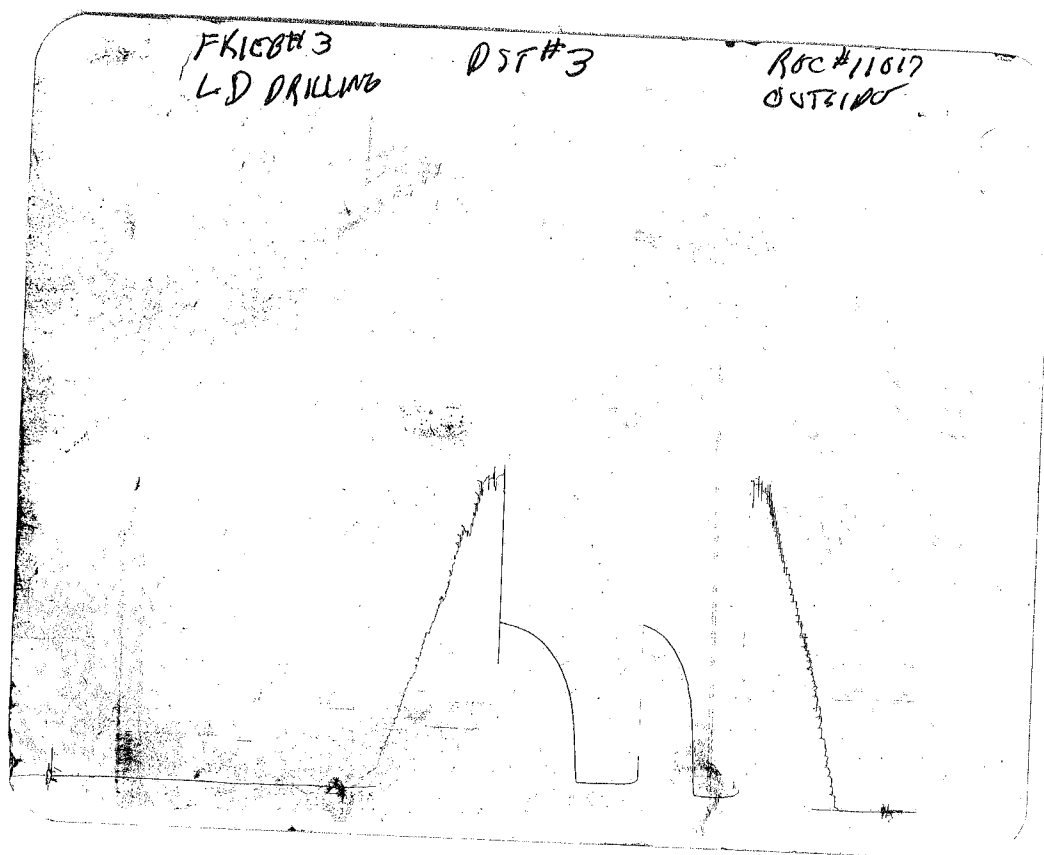
TOTAL FLUID REC. 160' (40' IN DRILL PIPE, 120' IN DRILL COLLARS)

FRIEB #2
 Formation: LANS "B"
 Job Number: D417

LD DRILLING INC
 DST #3 3276 TO 3290
 Start Test Date: 2007/01/28
 Final Test Date: 2007/01/28

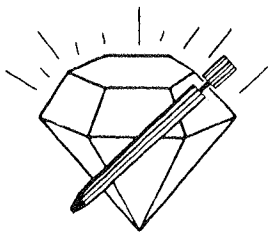
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A)	Initial Hydrostatic Mud	1549	1549	PSI
(B)	First Initial Flow Pressure.....	37	37	PSI
(C)	First Final Flow Pressure	76	76	PSI
(D)	Initial Closed-in Pressure	903	903	PSI
(E)	Second Initial Flow Pressure	85	85	PSI
(F)	Second Final Flow Pressure.....	107	107	PSI
(G)	Final Closed-in Pressure.....	885	885	PSI
(H)	Final Hydrostatic Mud.....	1537	1537	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D418

Page 1 of 2 Pages

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

Elevation 1957KB Formation Lansing "E" & "F" Effective Pay -- Ft. Ticket No. J2020

Date 1-29-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas

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

Formation Test No. 4 Interval Tested from 3,315 ft. to 3,343 ft. Total Depth 3,343 ft.

Packer Depth 3,310 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,315 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,318 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,340 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 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 3,175 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 28 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: Fair blow. Slowly building to 3 1/2 ins. No blow back during shut-in.

2nd Open: Strong blow. Gradually building to 7 ins. No blow back during shut-in.

Recovered 120 ft. of gas in pipe

Recovered 60 ft. of muddy oil = .295200 bbls. (Grind out: 30%-mud; 70%-oil)

Recovered 60 ft. of TOTAL FLUID = .295200 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 6:10 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:10 ~~P.M.~~ ^{A.M.} Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1601 P.S.I.

Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 43 P.S.I.

Initial Closed In Period Minutes 45 (D) 177 P.S.I.

Final Flow Period Minutes 45 (E) 43 P.S.I. to (F) 52 P.S.I.

Final Closed In Period Minutes 60 (G) 163 P.S.I.

Final Hydrostatic Pressure (H) 1580 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #4 3315 TO 3343

Location-Surface: S10/18S/15W BARTION COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D418

Test Unit: 2

Start Date: 2007/01/31

Start Time: 03:13:00

End Date: 2007/01/29

End Time: 11:22:00

Report Date: 2007/01/29

Prepared By: JOHN RIEDL

Remarks:

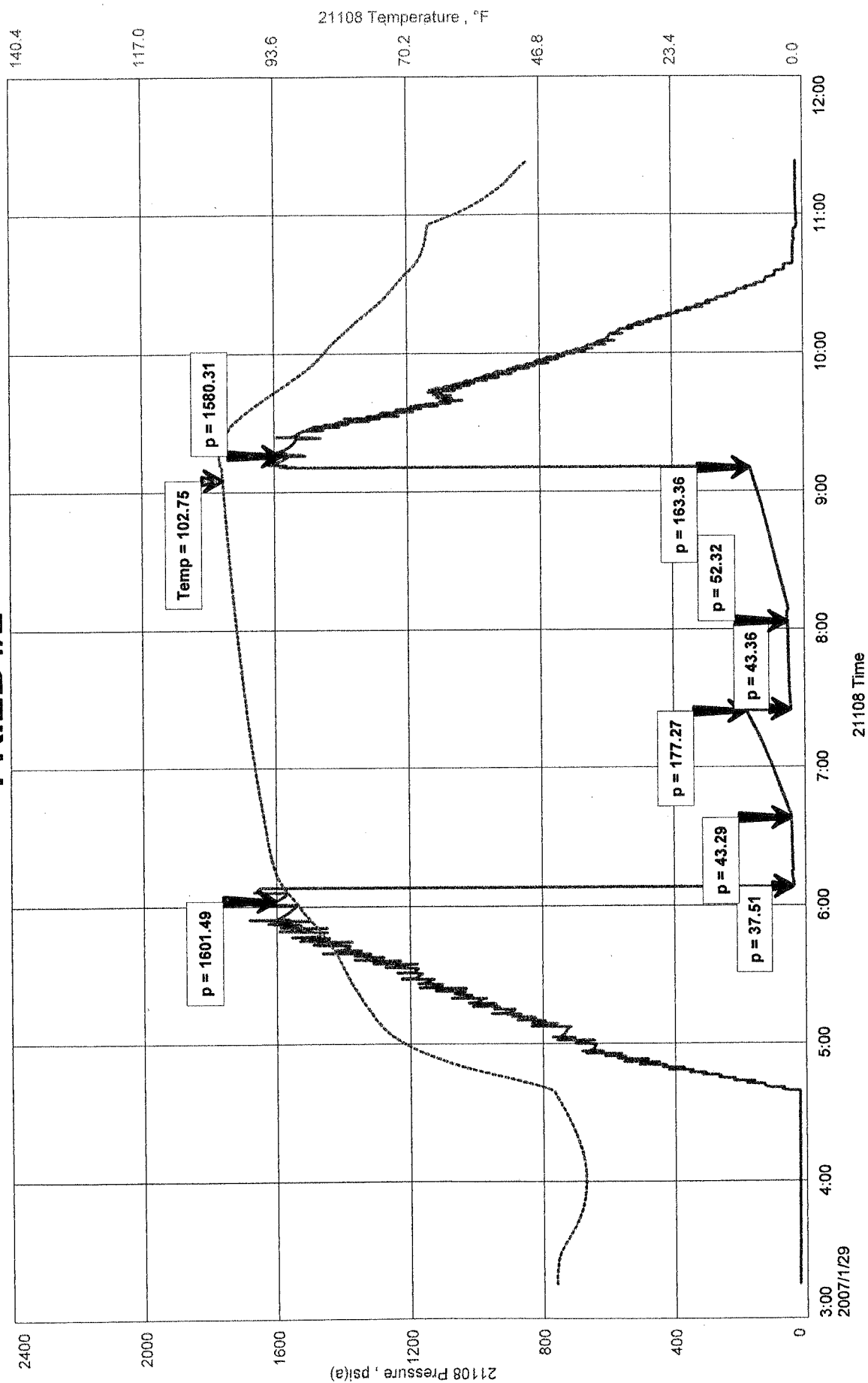
Qualified By: KIM SHOEMAKER

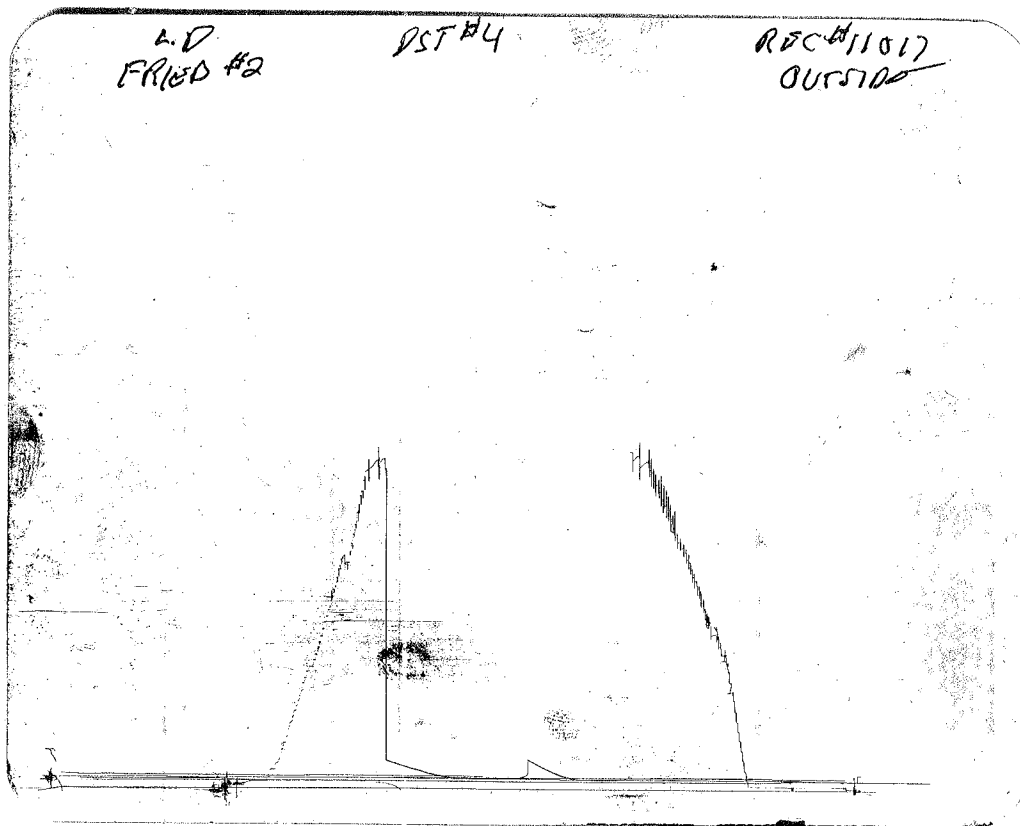
REC: 120' GAS IN PIPE
60' MO (30%MUD 70%OIL) IN DRILL COLLARS

FRIEB #2
Formation: LANS "E,F"
Job Number: D418

L D DRILLING INC
DST #4 3315 TO 3343
Start Test Date: 2007/01/31
Final Test Date: 2007/01/29

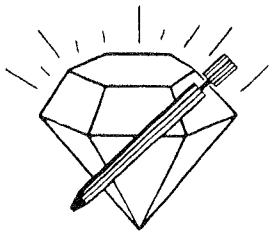
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1601	1601
(B) First Initial Flow Pressure.....	38	38
(C) First Final Flow Pressure	43	43
(D) Initial Closed-in Pressure	177	177
(E) Second Initial Flow Pressure.....	43	43
(F) Second Final Flow Pressure.....	52	52
(G) Final Closed-in Pressure.....	163	163
(H) Final Hydrostatic Mud	1580	1580



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D419

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Frieb No. 2
Elevation 1957KB Formation Lansing "H" & "I" Effective Pay -- Ft. Ticket No. J2021
Date 1-30-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl
Formation Test No. 5 Interval Tested from 3,388 ft. to 3,422 ft. Total Depth 3,422 ft.
Packer Depth 3,383 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,388 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 3,391 ft. Recorder Number 21108 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,419 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 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.1 Water Loss 9.1 cc. Drill Pipe Length 3,248 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IE in.
Jars: Make Bowen Serial Number Not Run Anchor Length 34 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 10 mins.
2nd Open: No blow.

Recovered 25 ft. of very slightly oil cut mud = .123000 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 9:50 ~~PM~~ ^{A.M.} Time Started Off Bottom 11:00 ~~PM~~ ^{A.M.} Maximum Temperature 104°

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

Initial Flow Period Minutes 30 (B) 44 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period Minutes 30 (D) 52 P.S.I.

Final Flow Period Minutes 10 (E) 48 P.S.I. to (F) 49 P.S.I.

Final Closed In Period Minutes 0 (G) -- P.S.I.

Final Hydrostatic Pressure (H) 1609 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #5 3388 TO 3422

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D419

Test Unit: 2

Start Date: 2007/01/30 Start Time: 06:32:00

End Date: 2007/01/30 End Time: 13:45:00

Report Date: 2007/01/30 Prepared By: JOHN RIEDL

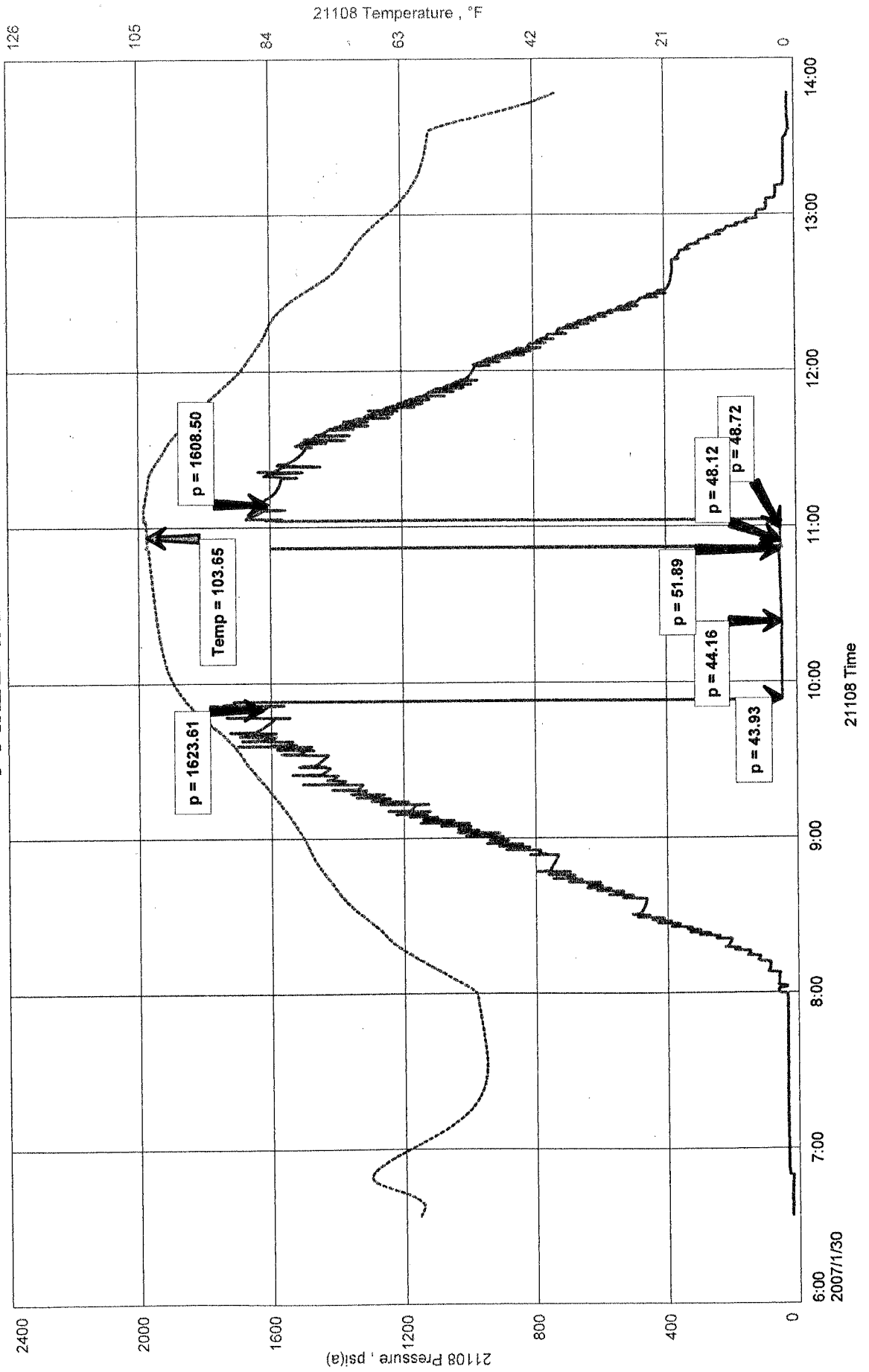
Remarks: Qualified By: KIM SHOEMAKER

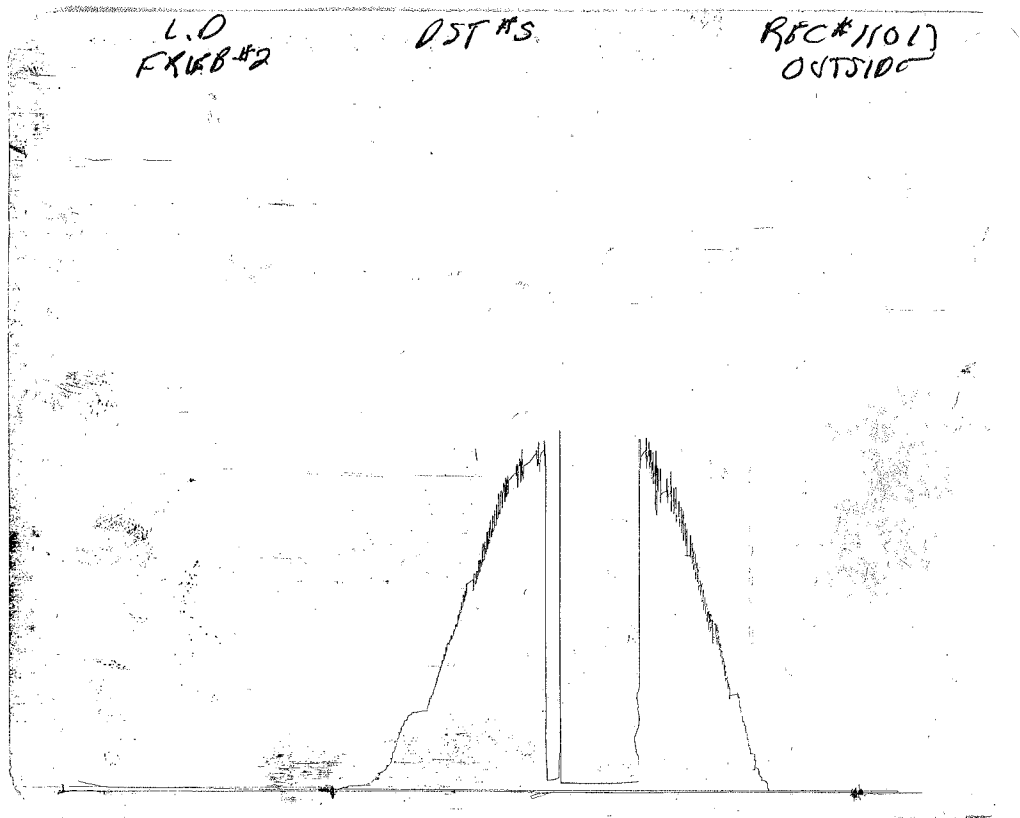
REC: 25' VSLOCM (1%OIL 99%MUD) IN DRILL COLLAR

FRIEB #2
 Formation: LANS "H.I."
 Job Number: D419

L D DRILLING INC
 DST #5 3388 TO 3422
 Start Test Date: 2007/01/30
 Final Test Date: 2007/01/30

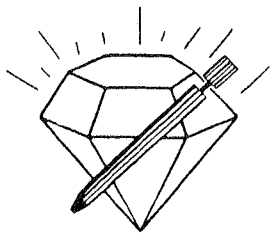
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	1624	1624	PSI	
(B) First Initial Flow Pressure.....	44	44	PSI	
(C) First Final Flow Pressure	44	44	PSI	
(D) Initial Closed-in Pressure	52	52	PSI	
(E) Second Initial Flow Pressure	48	48	PSI	
(F) Second Final Flow Pressure.....	49	49	PSI	
(G) Final Closed-in Pressure.....	--	--	PSI	
(H) Final Hydrostatic Mud	1609	1609	PSI	



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D420

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Frieb No. 2
Elevation 1957KB Formation Lansing "J" & "K" Effective Pay -- Ft. Ticket No. J2022
Date 1-31-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 6 Interval Tested from 3,421 ft. to 3,450 ft. Total Depth 3,450 ft.

Packer Depth 3,416 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,421 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,424 ft. Recorder Number 21108 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,447 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 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 58 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 9.0 cc. Drill Pipe Length 3,281 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 29 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: Fair blow. Building to 3 ins.

2nd Open: Good, initial 7 in. blow decreasing to 1 in. by end. No blow back during shut-in.

Recovered 120 ft. of gas in pipe

Recovered 60 ft. of very slightly oil cut mud = .295200 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered 60 ft. of mud & gas cut oil with free oil in tool = .295200 bbls. (Grind out: 30%-mud; 10%-gas; 60%-oil)

Recovered 120 ft. of TOTAL FLUID = .590400 bbls.

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 1:55 ~~PM~~ ^{A.M.} Time Started Off Bottom 4:55 ~~PM~~ ^{A.M.} Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1619 P.S.I.

Initial Flow Period Minutes 30 (B) 42 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period Minutes 45 (D) 492 P.S.I.

Final Flow Period Minutes 45 (E) 48 P.S.I. to (F) 63 P.S.I.

Final Closed In Period Minutes 60 (G) 695 P.S.I.

Final Hydrostatic Pressure (H) 1604 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #6 3421 TO 3450

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D420

Test Unit: 2

Start Date: 2007/01/30 Start Time: 11:45:00

End Date: 2007/01/31 End Time: 08:05:00

Report Date: 2007/01/31 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

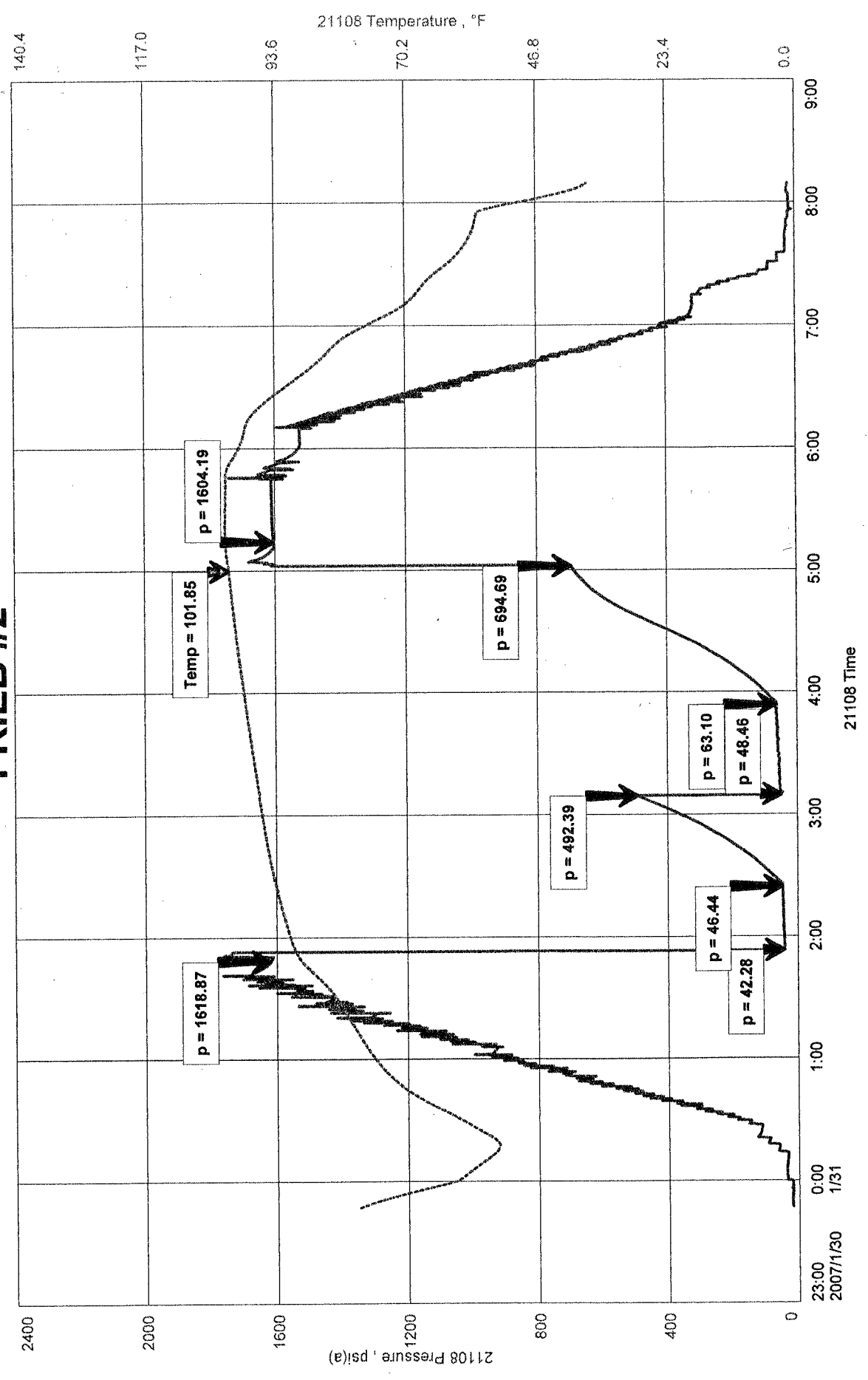
Remarks:

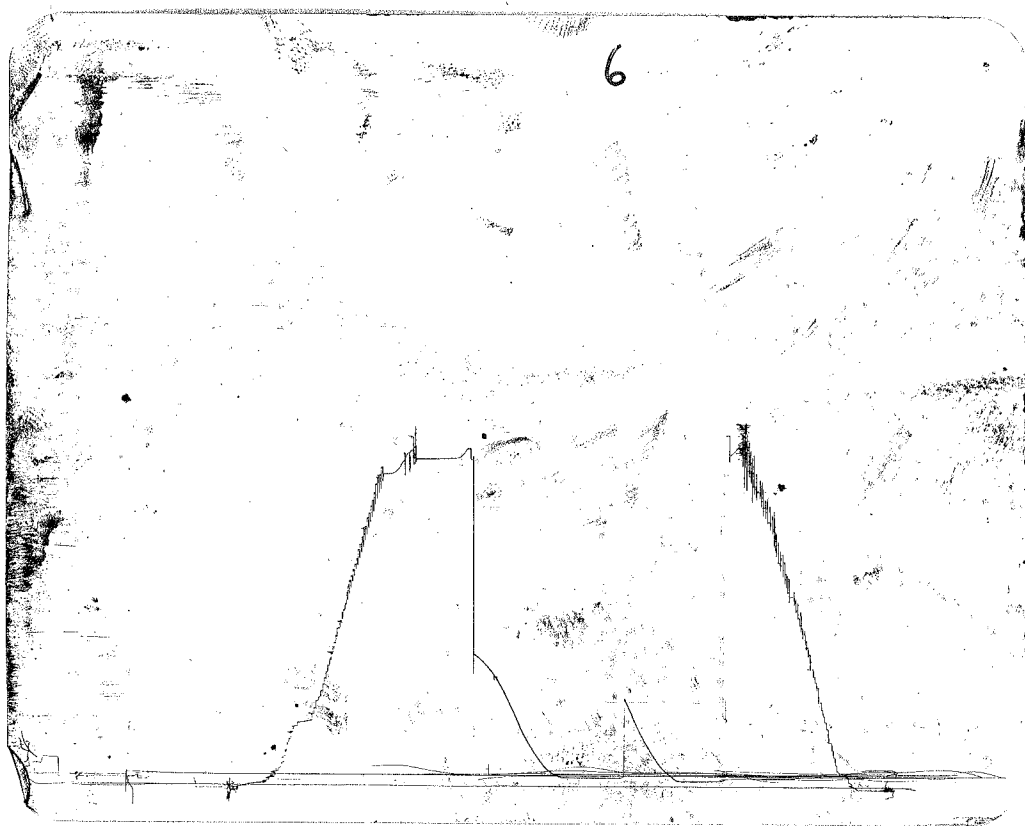
RECOVERY: 120' GAS IN PIPE
60' VSLOCM (1%OIL 99%MUD)
60' M+GCO 30%MUD 10%GAS 60%OIL)
FREE OIL IN TOOL
TOTAL FLUID REC. 120' IN DRILL COLLARS

FRIEB #2
 Formation: LANS ""J,K""
 Job Number: D420

L D DRILLING INC
 DST #6 3421 TO 3450
 Start Test Date: 2007/01/30
 Final Test Date: 2007/01/31

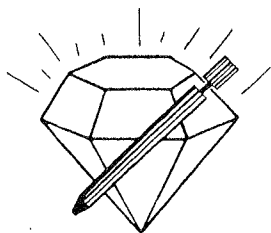
FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A)	Initial Hydrostatic Mud	1619	1619 PSI
(B)	First Initial Flow Pressure	42	42 PSI
(C)	First Final Flow Pressure	46	46 PSI
(D)	Initial Closed-in Pressure	492	492 PSI
(E)	Second Initial Flow Pressure	48	48 PSI
(F)	Second Final Flow Pressure	63	63 PSI
(G)	Final Closed-in Pressure	695	695 PSI
(H)	Final Hydrostatic Mud	1604	1604 PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21108.D421

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Frieb No. 2
Elevation 1957KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2023
Date 1-31-07 Sec. 10 Twp. 18S Range 15W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl
Formation Test No. 7 Interval Tested from 3,527 ft. to 3,542 ft. Total Depth 3,542 ft.
Packer Depth 3,522 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,527 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 3,530 ft. Recorder Number 21108 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,539 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 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 9.2 cc. Drill Pipe Length 3,387 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 15 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: Strong blow. Off bottom of bucket in 8 mins. Fair, 2 in., blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 10 mins.
Recovered 500 ft. of gas in pipe
Recovered 160 ft. of clean gassy oil = 2.272000 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 36 @ 60°
Recovered 100 ft. of mud cut gassy oil = .492000 bbls. (Grind out: 20%-mud; 20%-gas; 60%-oil)
Recovered 20 ft. of slightly gas cut oily watery mud = .098400 bbls. (Grind out: 5%-gas; 25%-oil; 25%-water; 45%-mud)
Recovered 280 ft. of TOTAL FLUID = 2.862400 bbls. Chlorides: 20,000 Ppm
Remarks

Time Set Packer(s) 10:08 ~~AM~~ P.M. Time Started Off Bottom 1:08 ~~PM~~ A.M. Maximum Temperature 113°
Initial Hydrostatic Pressure (A) 1719 P.S.I.
Initial Flow Period Minutes 30 (B) 43 P.S.I. to (C) 91 P.S.I.
Initial Closed In Period Minutes 45 (D) 995 P.S.I.
Final Flow Period Minutes 45 (E) 100 P.S.I. to (F) 134 P.S.I.
Final Closed In Period Minutes 60 (G) 912 P.S.I.
Final Hydrostatic Pressure (H) 1674 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: FRIEB #2

Operator: L D DRILLING INC

Location-Downhole: DST #7 3527 TO 3542

Location-Surface: S10/18S/15W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING INC

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D421

Test Unit: 2

Start Date: 2007/01/31 Start Time: 20:00:00

End Date: 2007/02/01 End Time: 04:25:00

Report Date: 2007/02/01 Prepared By: JOHN RIEDL

Remarks: Qualified By: KIM SHOEMAKER

RECOVERY: 500' GAS IN PIPE

160' CLEAN GASSY OIL (IN DRILL PIPE) 36 GRAVITY @60 DEGREES

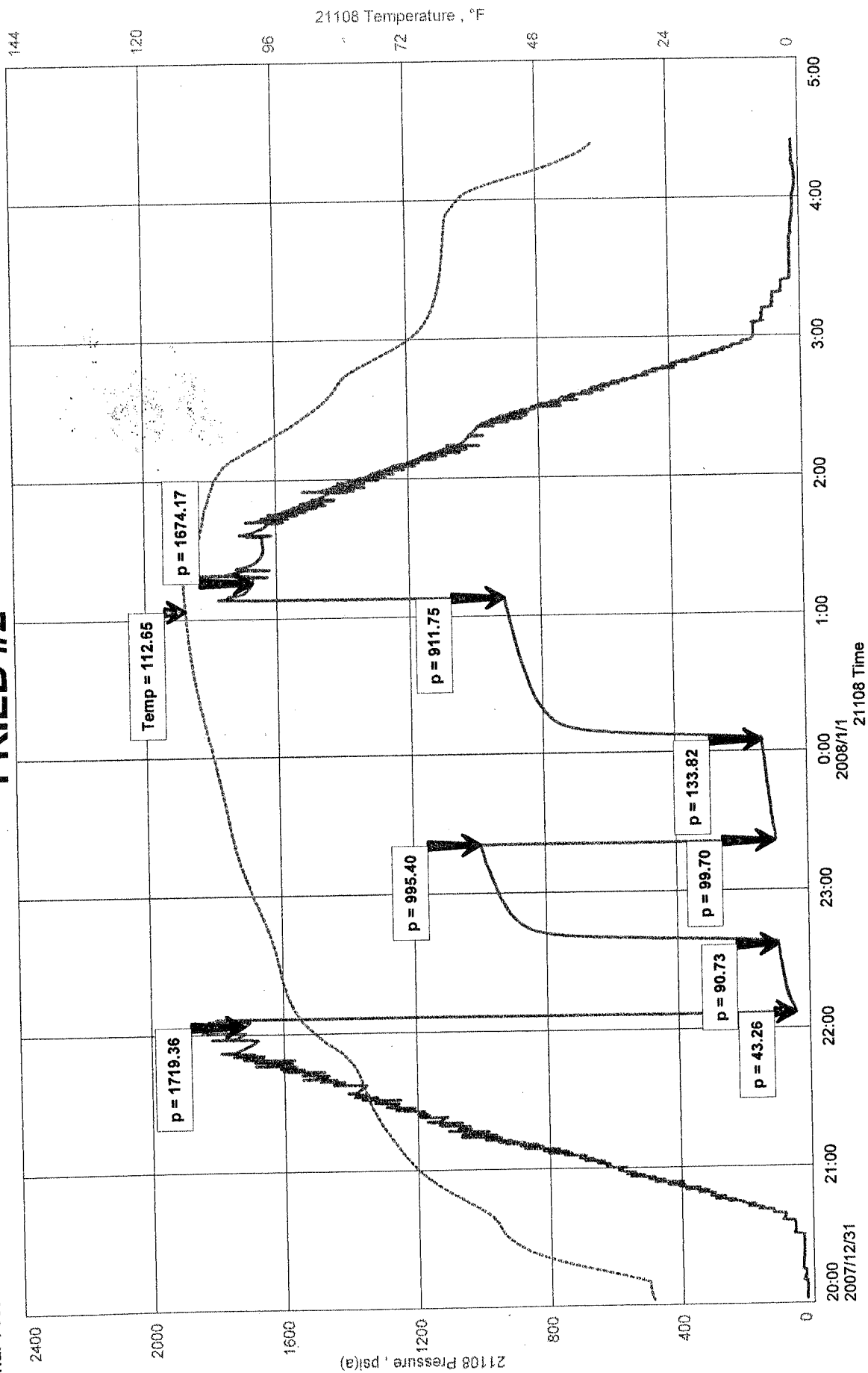
100' MCGO (IN DRILL COLLARS)

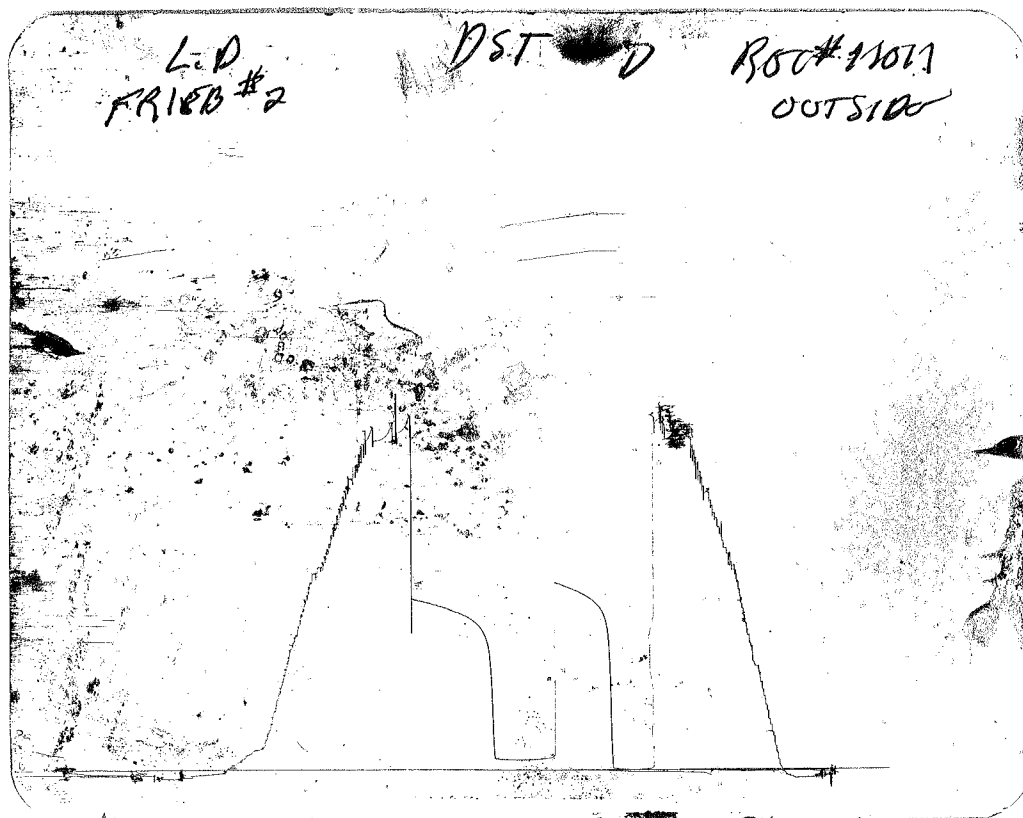
20' SLGCOWM (IN DRILL COLLARS) CHLORIDES 20,000Ppm

FRIEB #2
Formation: ARBUCKLE
Job Number: D421

L D DRILLING INC
DST #7 3527 TO 3542
Start Test Date: 2007/01/31
Final Test Date: 2007/02/01

FRIEB #2





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A)	Initial Hydrostatic Mud	1719	1719	PSI
(B)	First Initial Flow Pressure.....	43	43	PSI
(C)	First Final Flow Pressure	91	91	PSI
(D)	Initial Closed-in Pressure	995	995	PSI
(E)	Second Initial Flow Pressure.....	100	100	PSI
(F)	Second Final Flow Pressure.....	134	134	PSI
(G)	Final Closed-in Pressure.....	912	912	PSI
(H)	Final Hydrostatic Mud	1674	1674	PSI