



15-151-22244

1-275-14w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.D370

Page 1 of 4 Pages

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

Elevation 1992KB Formation Lansing/Kansas City "B" Effective Pay -- Ft. Ticket No. 2252

Date 1-22-07 Sec. 1 Twp. 27S Range 14W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,876 ft. to 3,920 ft. Total Depth 3,920 ft.

Packer Depth 3,871 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,876 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,864 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,917 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

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

Weight 8.8 Water Loss 8.8 cc. Drill Pipe Length 3,851 ft. I.D. 3 1/2 in.

Chlorides 6,600 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 13' 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: Strong blow. Off bottom of bucket in 30 secs. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 30 secs. Gas to surface in 2 mins. Fair, 1 1/2 in., blow back during shut-in.

Recovered 22 ft. of oil cut mud = .225720 bbls. (Grind out: 4%-oil; 96%-mud)

Recovered 186 ft. of water & mud cut gassy oil = 1.908360 bbls. (Grind out: 17%-water; 18%-mud; 21%-gas; 44%-oil)

Recovered 31 ft. of gas & mud cut watery oil = .318060 bbls. (Grind out: 6%-gas; 10%-mud; 28%-water; 56%-oil)

Recovered 31 ft. of slightly oil cut gassy watery mud = .318060 bbls. (Grind out: 2%-oil; 14%-gas; 41%-water; 43%-mud)

Recovered 270 ft. of TOTAL FLUID = 2.770200 bbls.

Remarks Tool Sample Grind Out: 2%-gas; 17%-water; 35%-mud; 46%-oil

Time Set Packer(s) 9:36 ~~A.M.~~ ~~RXX~~ Time Started Off Bottom 12:36 ~~XXM.~~ ~~P.M.~~ Maximum Temperature 108°

Initial Hydrostatic Pressure (A) 1753 P.S.I.

Initial Flow Period Minutes 30 (B) 23 P.S.I. to (C) 55 P.S.I.

Initial Closed In Period Minutes 45 (D) 1179 P.S.I.

Final Flow Period Minutes 45 (E) 59 P.S.I. to (F) 102 P.S.I.

Final Closed In Period Minutes 60 (G) 1154 P.S.I.

Final Hydrostatic Pressure (H) 1752 P.S.I.



DIAMOND TESTING
P. O. Box 157
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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Hoener No. 1
Date 1-22-07 Sec. 1 Twp. 27 S Range 14 W
Formation Test No. 1 Interval Tested From 3,876 ft. to 3,920 ft. Total Depth 3,920 ft.
Formation Lansing/Kansas City "B"

	<u>MUD PIT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
Viscosity	<u>58</u> CP	<u>--</u> CP	
Weight	<u>8.8</u>	<u>--</u>	
Water Loss	<u>8.8</u> CC	<u>--</u> CC	
PH Factor	<u>10.0</u>	<u>--</u>	Water <u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.16</u> @ <u>58</u> °F.	<u>55,000</u> ppm
Recovery Mud	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample	<u>1.00</u> @ <u>54</u> °F.	<u>8,200</u> ppm
Mud Pit Sample Filtrate	<u>1.00</u> @ <u>60</u> °F.	<u>7,400</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 6,600 Ppm
Recovery water dish chlorides were 52,500 Ppm



DIAMOND TESTING
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GAS VOLUME REPORT

Page 3 of 4 Pages

Company L. D. Drilling, Inc. Lease & Well No. Hoener No. 1
Date 1-22-07 Sec. 1 Twp. 27 S Rge. 14 W Location NW NW SW County Pratt State KS
Drilling Contractor L. D. Drilling, Inc. Formation Lansing/Kansas City "B" DST No. 1
Remarks: 1st Open: N/A
2nd Open: Gas to surface in 2 mins. on final flow.

INITIAL FLOW

Time O'Clock	Orifice Size	Gauge	CF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

FINAL FLOW

Open Tool: 10:51 a.m.

Time O'Clock	Orifice Size	Gauge	CF/D
11:01 a.m.	1/4 in.	1½ in.	11,020
11:06 a.m.	1/4 in.	1½ in.	11,020
11:11 a.m.	1/8 in.	2 in.	3,920
11:16 a.m.	1/8 in.	2½ in.	4,420
11:21 a.m.	1/8 in.	3 in.	4,840
11:26 a.m.	1/8 in.	3½ in.	5,260
11:31 a.m.	1/8 in.	3 3/4 in.	5,450
11:36 a.m.	1/8 in.	4 in.	5,640

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: HOENER #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #1 LKC 'B' 3,876' - 3,920'

Location-Surface: SEC 1-27S-14W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/01/22

Start Time: 06:46:00

End Date: 2007/01/22

End Time: 14:53:00

Report Date:

Prepared By:

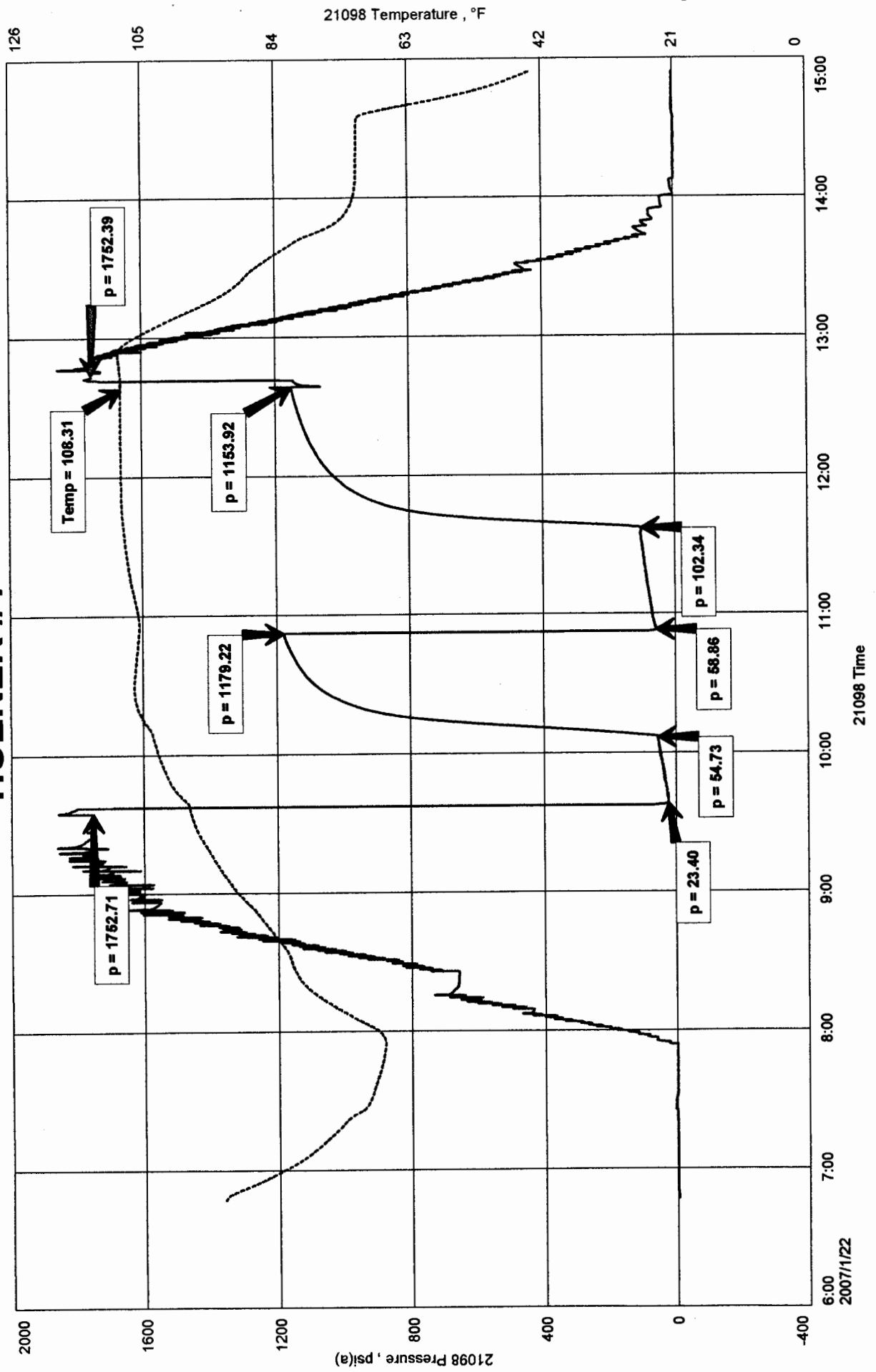
Remarks:

Qualified By:

HOENER #1
Formation: DST #1 LKC 'B' 3,876' - 3,920'
Pool: WILDCAT

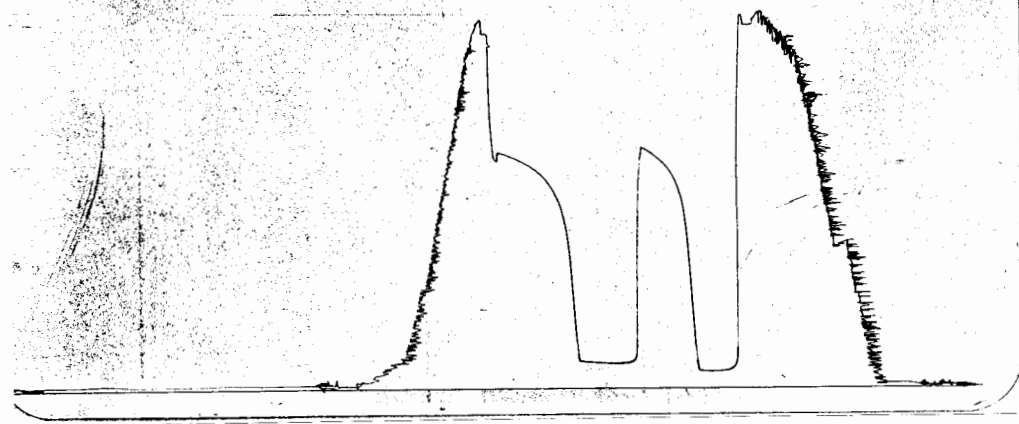
L.D. DRILLING, INC.
DST #1 LKC 'B' 3,876' - 3,920'
Start Test Date: 2007/01/22
Final Test Date: 2007/01/22

HOENER #1



DST #1. On 9/2/47 13347
LHC 'B'

3876- 5420
LHC 3917



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1753	1753
(B) First Initial Flow Pressure	23	23
(C) First Final Flow Pressure	55	55
(D) Initial Closed-in Pressure	1179	1179
(E) Second Initial Flow Pressure	59	59
(F) Second Final Flow Pressure	102	102
(G) Final Closed-in Pressure	1154	1154
(H) Final Hydrostatic Mud	1752	1752



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Company L. D. Drilling, Inc. Lease & Well No. Hoener No. 1
Elevation 1992KB Formation Lansing/Kansas City "H" Effective Pay -- Ft. Ticket No. 2253
Date 1-23-06 Sec. 1 Twp. 27S Range 14W County Pratt State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,011 ft. to 4,040 ft. Total Depth 4,040 ft.

Packer Depth 4,006 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,011 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,999 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,037 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 8.8 cc. Drill Pipe Length 3,986 ft. I.D. 3 1/2 in.

Chlorides 7,000 P.P.M. Test Tool Length 25 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, 2 in., blow increasing to 7 ins. No blow back during shut-in.

2nd Open: Weak, 1/2 in., blow increasing to 4 ins. No blow back during shut-in.

Recovered 15 ft. of faint gas odor

Recovered 45 ft. of watery mud with a scum of oil = .461700 bbls. (Grind out: 22%-water; 78%-mud)

Recovered 45 ft. of TOTAL FLUID = .461700 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 1%-oil; 25%-mud; 74%-water

Time Set Packer(s) 4:40 A.M. PM Time Started Off Bottom 7:40 A.M. PM Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1843 P.S.I.

Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 18 P.S.I.

Initial Closed In Period Minutes 45 (D) 829 P.S.I.

Final Flow Period Minutes 45 (E) 22 P.S.I. to (F) 30 P.S.I.

Final Closed In Period Minutes 60 (G) 882 P.S.I.

Final Hydrostatic Pressure (H) 1842 P.S.I.



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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Hoener No. 1
Date 1-23-07 Sec. 1 Twp. 27 S Range 14 W
Formation Test No. 2 Interval Tested From 4,011 ft. to 4,040 ft. Total Depth 4,040 ft.
Formation Lansing/Kansas City "H"

	<u>MUD PIT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
Viscosity	<u>56</u> CP	<u>--</u> CP	
Weight	<u>8.9</u>	<u>--</u>	
Water Loss	<u>8.8</u> CC	<u>--</u> CC	
PH Factor	<u>10.5</u>	<u>--</u>	<u>Water</u> <u>6.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE</u> <u>CONTENT</u>
Recovery Water	<u>.20 @ 58 °F.</u>	<u>42,000</u> ppm
Recovery Mud	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>--</u> ppm
Mud Pit Sample	<u>.96 @ 50 °F.</u>	<u>9,200</u> ppm
Mud Pit Sample Filtrate	<u>.94 @ 58 °F.</u>	<u>8,000</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 7,000 Ppm
Recovery water dish chlorides were 36,500 Ppm

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: HOENER #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #2 LKC 'H' 4,011' - 4,040'

Location-Surface: SEC 1-27S-14W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/01/23 Start Time: 02:10:00

End Date: 2007/01/23 End Time: 09:32:00

Report Date: Prepared By:

Remarks: Qualified By:

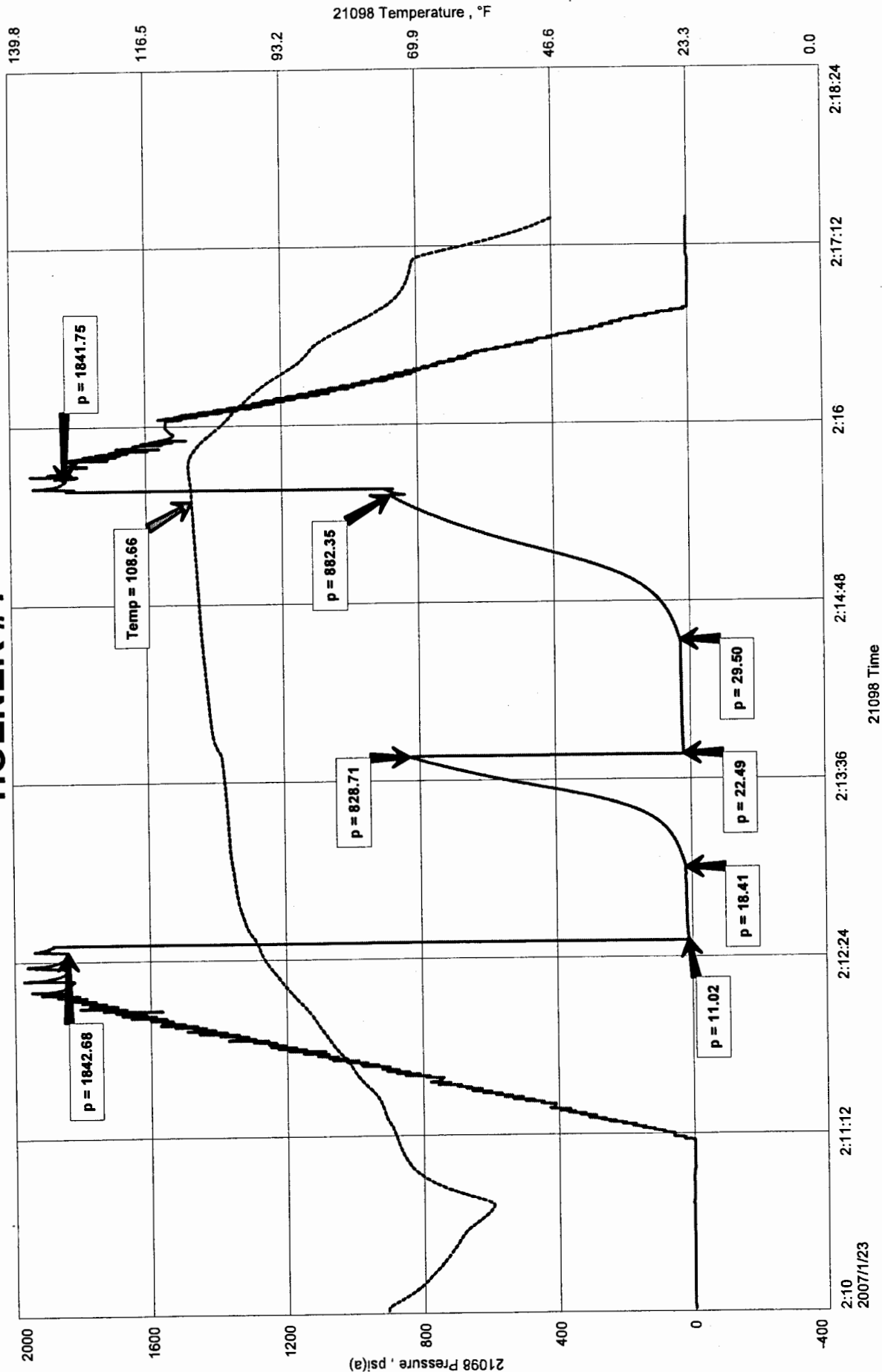
RECOVERED: 15' FAINT GAS ODOR
45' WM 22% WTR, 78% MUD - WITH A SCUM OF OIL

TOOL SAMPLE: 1% OIL, 25% MUD, 74% WTR

HOENER #1
Formation: DST #2 LKC 'H' 4,011' - 4,040'
Pool: WILDCAT

L.D. DRILLING, INC.
DST #2 LKC 'H' 4,011' - 4,040'
Start Test Date: 2007/01/23
Final Test Date: 2007/01/23

HOENER #1

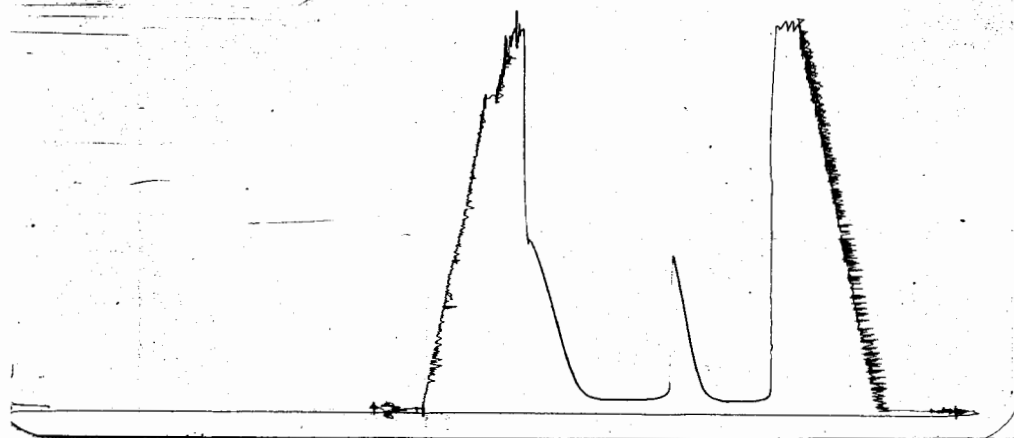


DST # 13387

LKC 7/8

41011 - 4040

LOC 4037



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1843	1843
(B) First Initial Flow Pressure.....	11	11
(C) First Final Flow Pressure	18	18
(D) Initial Closed-in Pressure	829	829
(E) Second Initial Flow Pressure	22	22
(F) Second Final Flow Pressure.....	30	30
(G) Final Closed-in Pressure.....	882	882
(H) Final Hydrostatic Mud	1842	1842



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

Elevation 1992KB Formation Lansing/Kansas City "K" - "L" Effective Pay -- Ft. Ticket No. 2254

Date 1-24-07 Sec. 1 Twp. 27S Range 14W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,132 ft. to 4,200 ft. Total Depth 4,200 ft.

Packer Depth 4,127 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,132 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,120 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,197 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 39 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 40+ cc. Drill Pipe Length 4,107 ft. I.D. 3 1/2 in.

Chlorides 20,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 68 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 increasing to 1 1/2 ins. No blow back during shut-in.

2nd Open: No blow.

Recovered 10 ft. of drilling mud = .102600 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Hit bridge about 325' off bottom. Worked through. Pulled 95,000; String 54,000

Tool Sample Grind Out: 100%-drilling mud with a few oil specks

Time Set Packer(s) 3:09 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 4:29 ~~P.M.~~ ^{A.M.} Maximum Temperature 105°

Initial Hydrostatic Pressure (A) 1922 P.S.I.

Initial Flow Period Minutes 20 (B) 10 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period Minutes 20 (D) 30 P.S.I.

Final Flow Period Minutes 20 (E) 11 P.S.I. to (F) 11 P.S.I.

Final Closed In Period Minutes 20 (G) 20 P.S.I.

Final Hydrostatic Pressure (H) 1920 P.S.I.



DIAMOND TESTING
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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Hoener No. 1
Date 1-24-07 Sec. 1 Twp. 27 S Range 14 W
Formation Test No. 3 Interval Tested From 4,132 ft. to 4,200 ft. Total Depth 4,200 ft.
Formation Lansing/Kansas City "K" - "L"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>39</u> CP	<u>47</u> CP
Weight	<u>8.9</u>	<u>8.9</u>
Water Loss	<u>40+</u> CC	<u>29.6</u> CC
PH Factor	<u>8.0</u>	<u>8.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.40 @ 62 °F.</u>	<u>19,500 ppm</u>
Recovery Mud Filtrate	<u>.42 @ 64 °F.</u>	<u>18,000 ppm</u>
Mud Pit Sample	<u>.28 @ 66 °F.</u>	<u>24,000 ppm</u>
Mud Pit Sample Filtrate	<u>.30 @ 68 °F.</u>	<u>22,000 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 20,000 Ppm
Recovery filtrate triton dish chlorides were 16,000 Ppm

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: HOENER #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #3 LKC 'K-L' 4,123' - 4,200'

Location-Surface: SEC 1-27S-14W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/01/24 Start Time: 00:35:00

End Date: 2007/01/24 End Time: 06:46:00

Report Date: Prepared By:

Qualified By:

Remarks:

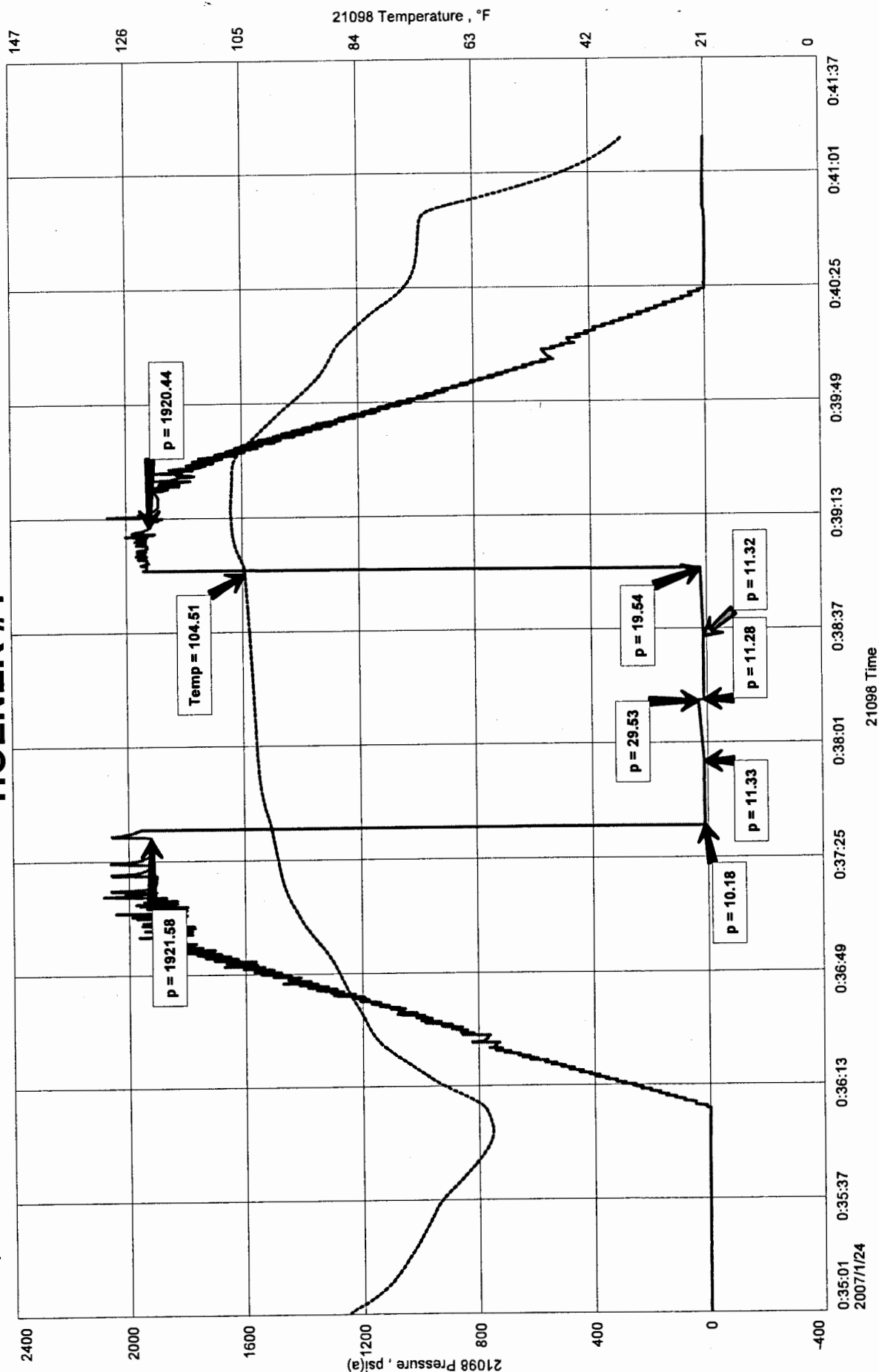
RECOVERED: 10' DRILLING MUD

TOOL SAMPLE: 100% DRILLING MUD WITH A FEW OIL SPECKS

HOENER #1
Formation: DST #3 LKC 'K-L' 4,123' - 4,200'
Pool: WILDCAT

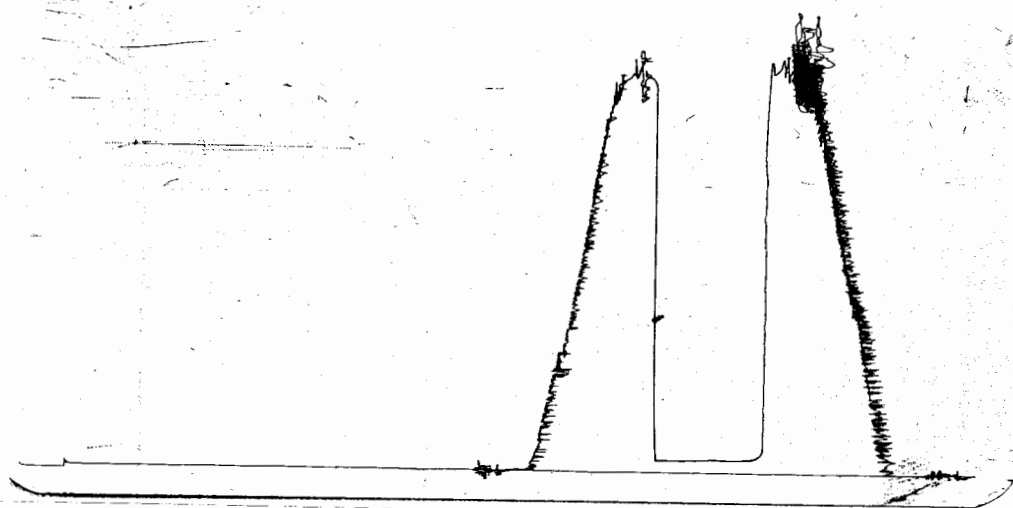
L.D. DRILLING, INC.
DST #3 LKC 'K-L' 4,123' - 4,200'
Start Test Date: 2007/01/24
Final Test Date: 2007/01/24

HOENER #1



Dr #3 outside 13367
K-C 'K-L'

4/32-4200
400 4187



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	1922	1922	PSI	
(B) First Initial Flow Pressure.....	10	10	PSI	
(C) First Final Flow Pressure	11	11	PSI	
(D) Initial Closed-in Pressure	30	30	PSI	
(E) Second Initial Flow Pressure	11	11	PSI	
(F) Second Final Flow Pressure.....	11	11	PSI	
(G) Final Closed-in Pressure.....	20	20	PSI	
(H) Final Hydrostatic Mud	1920	1920	PSI	



DIAMOND TESTING

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STC 21098.D373

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

Elevation 1992KB Formation Mississippi Effective Pay -- Ft. Ticket No. 2255

Date 1-25-07 Sec. 1 Twp. 27S Range 14W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 4 Interval Tested from 4,280 ft. to 4,352 ft. Total Depth 4,352 ft.

Packer Depth 4,275 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,280 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,268 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,349 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 48 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.9 Water Loss 26.0 cc. Drill Pipe Length 4,255 ft. I.D. 3 1/2 in.

Chlorides 13,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 41' 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, 1/2 in., blow increasing to 3 1/2 ins. No blow back during shut-in.

2nd Open: Weak, 1/2 in., blow increasing to 2 ins. No blow back during shut-in.

Recovered 33 ft. of slightly water cut mud = .338580 bbls. (Grind out: 10%-water; 90%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 6%-water; 94%-mud-very few oil specks

Time Set Packer(s) 3:12 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 6:12 ~~P.M.~~ ^{A.M.} Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1998 P.S.I.

Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period Minutes 45 (D) 101 P.S.I.

Final Flow Period Minutes 45 (E) 23 P.S.I. to (F) 23 P.S.I.

Final Closed In Period Minutes 60 (G) 61 P.S.I.

Final Hydrostatic Pressure (H) 2004 P.S.I.



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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Hoener No. 1
Date 1-25-07 Sec. 1 Twp. 27 S Range 14 W
Formation Test No. 4 Interval Tested From 4,280 ft. to 4,352 ft. Total Depth 4,352 ft.
Formation Mississippi

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>48</u> CP	<u>60</u> CP
Weight	<u>8.9</u>	<u>8.8</u>
Water Loss	<u>26.0</u> CC	<u>28.0</u> CC
PH Factor	<u>0.0</u>	<u>8.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ --°F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.50 @ 52°F.</u>	<u>19,500 ppm</u>
Recovery Mud Filtrate	<u>.41 @ 58°F.</u>	<u>18,400 ppm</u>
Mud Pit Sample	<u>.50 @ 55°F.</u>	<u>17,000 ppm</u>
Mud Pit Sample Filtrate	<u>.50 @ 60°F.</u>	<u>15,800 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 13,500 Ppm
Recovery filtrate triton dish chlorides were 15,000 Ppm

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: HOENER #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #4 MISSISSIPPI 4,280' - 4,352'

Location-Surface: SEC 1-27S-14W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/01/25

Start Time: 00:35:00

End Date: 2007/01/25

End Time: 08:26:00

Report Date:

Prepared By:

Remarks:

Qualified By:

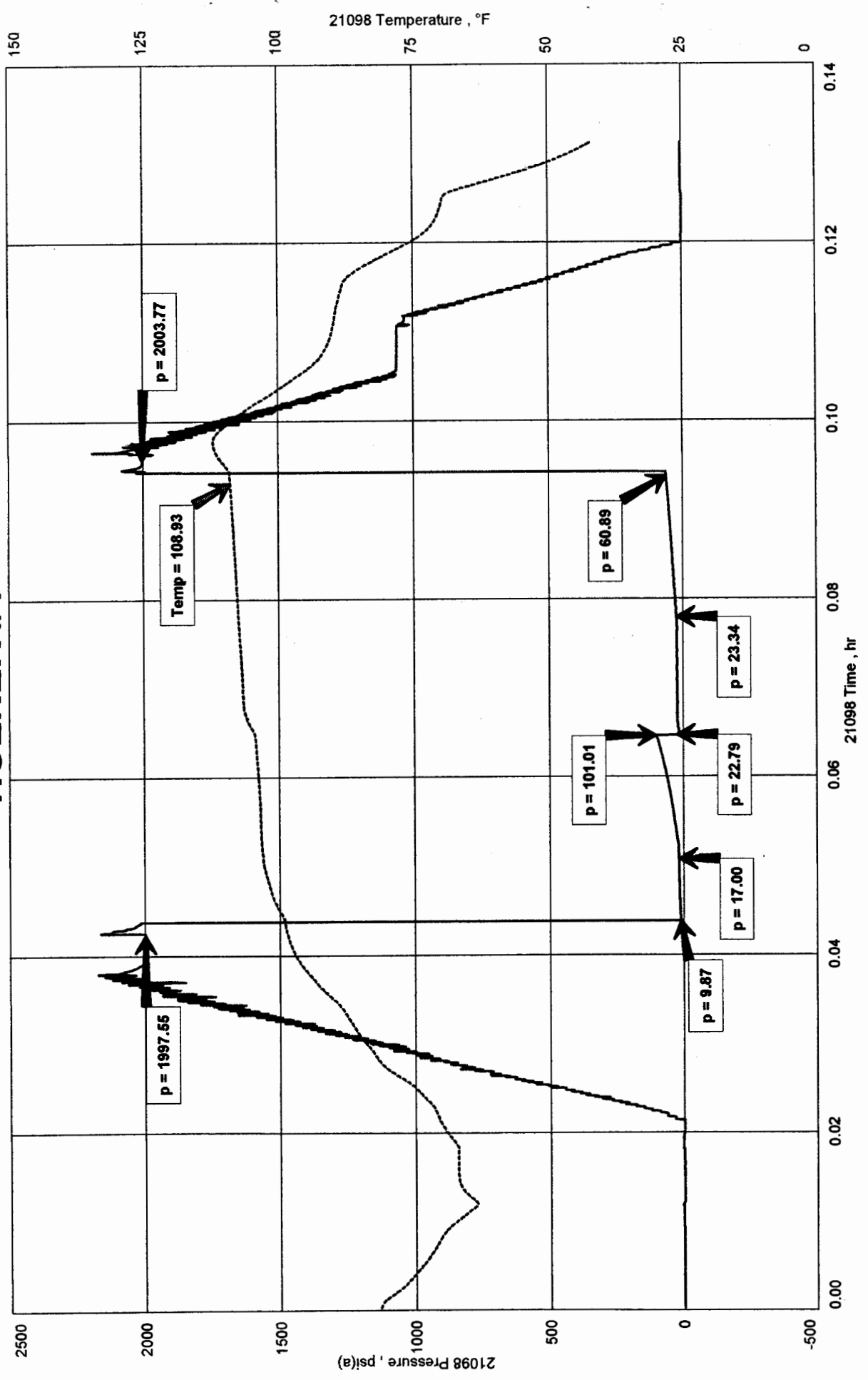
RECOVERED: 33' SLTWTRCM 10% WTR, 90 % MUD

TOOL SAMPLE: 6% WTR, 94% MUD

HOENER #1
Formation: DST #4 MISSISSIPPI 4,280' - 4,352'
Pool: WILDCAT

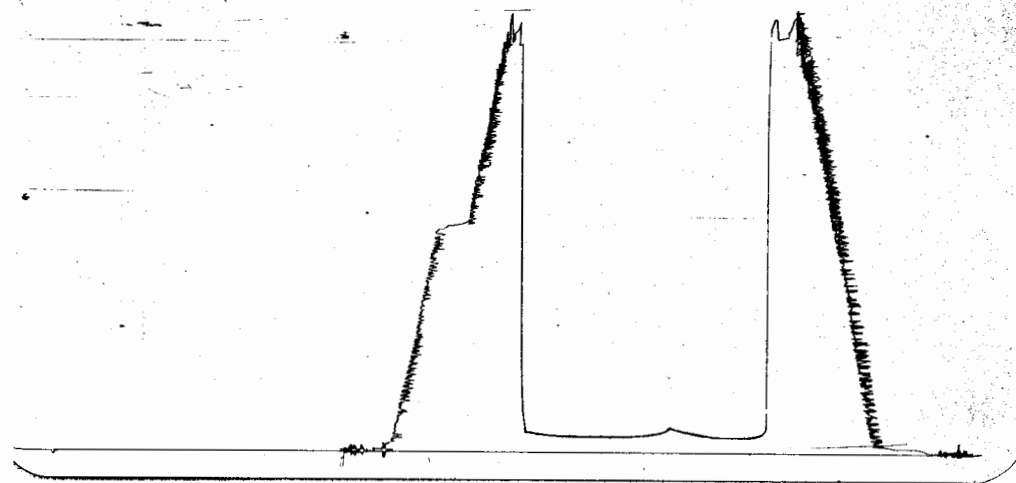
L.D. DRILLING, INC.
DST #4 MISSISSIPPI 4,280' - 4,352'
Start Test Date: 2007/01/25
Final Test Date: 2007/01/25

HOENER #1



DST # 4 OVERSIDE 13387

4280 - 4352
LOC 4349



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1998	1998
(B) First Initial Flow Pressure.....	10	10
(C) First Final Flow Pressure	17	17
(D) Initial Closed-in Pressure	101	101
(E) Second Initial Flow Pressure	23	23
(F) Second Final Flow Pressure.....	23	23
(G) Final Closed-in Pressure.....	61	61
(H) Final Hydrostatic Mud	2004	2004
		PSI



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.D374

Page 1 of 3 Pages

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

Elevation 1992KB Formation Viola Effective Pay -- Ft. Ticket No. 2256

Date 1-26-07 Sec. 1 Twp. 27S Range 14W County Pratt State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 5 Interval Tested from 4,387 ft. to 4,446 ft. Total Depth 4,446 ft.

Packer Depth 4,382 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,387 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,375 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,443 ft. Recorder Number 13387 Cap. 4,000 psi

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

Drilling Contractor L. D. Drilling, Inc. Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 20.8 cc. Drill Pipe Length 4,362 ft. I.D. 3 1/2 in.

Chlorides 13,500 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 28' 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, 1/2 in., blow increasing to 1 1/2 ins. No blow back during shut-in.

2nd Open: Weak, 1/8 in., blow increasing to 3/4 in. No blow back during shut-in.

Recovered 15 ft. of drilling mud = .153900 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 100%-drilling mud

Time Set Packer(s) 2:44 ~~XXX~~ A.M. Time Started Off Bottom 4:44 ~~PM~~ A.M. Maximum Temperature 108°

Initial Hydrostatic Pressure 2046 P.S.I.

Initial Flow Period 30 Minutes (B) 8 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period 30 Minutes (D) 84 P.S.I.

Final Flow Period 30 Minutes (E) 13 P.S.I. to (F) 14 P.S.I.

Final Closed In Period 30 Minutes (G) 31 P.S.I.

Final Hydrostatic Pressure 2043 P.S.I.



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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company L. D. Drilling, Inc.
Lease & Well No. Hoener No. 1
Date 1-26-07 Sec. 1 Twp. 27 S Range 14 W
Formation Test No. 5 Interval Tested From 4,387 ft. to 4,446 ft. Total Depth 4,446 ft.
Formation Viola

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>51</u> CP	<u>58</u> CP
Weight	<u>9.0</u>	<u>9.0</u>
Water Loss	<u>20.8</u> CC	<u>20.0</u> CC
PH Factor	<u>10.0</u>	<u>9.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>.40</u> @ <u>60</u> °F. <u>19,000</u> ppm	
Recovery Mud Filtrate	<u>.43</u> @ <u>64</u> °F. <u>17,000</u> ppm	
Mud Pit Sample	<u>.52</u> @ <u>50</u> °F. <u>18,000</u> ppm	
Mud Pit Sample Filtrate	<u>.50</u> @ <u>54</u> °F. <u>16,500</u> ppm	

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 13,500 Ppm
Recovery filtrate triton dish chlorides were 14,000 Ppm

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: HOENER #1

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #5 VIOLA 4,387' - 4,446'

Location-Surface: SEC 1-27-14W PRATT COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/01/26 Start Time: 00:15:00

End Date: 2007/01/26 End Time: 06:55:00

Report Date: Prepared By:

Remarks: Qualified By:

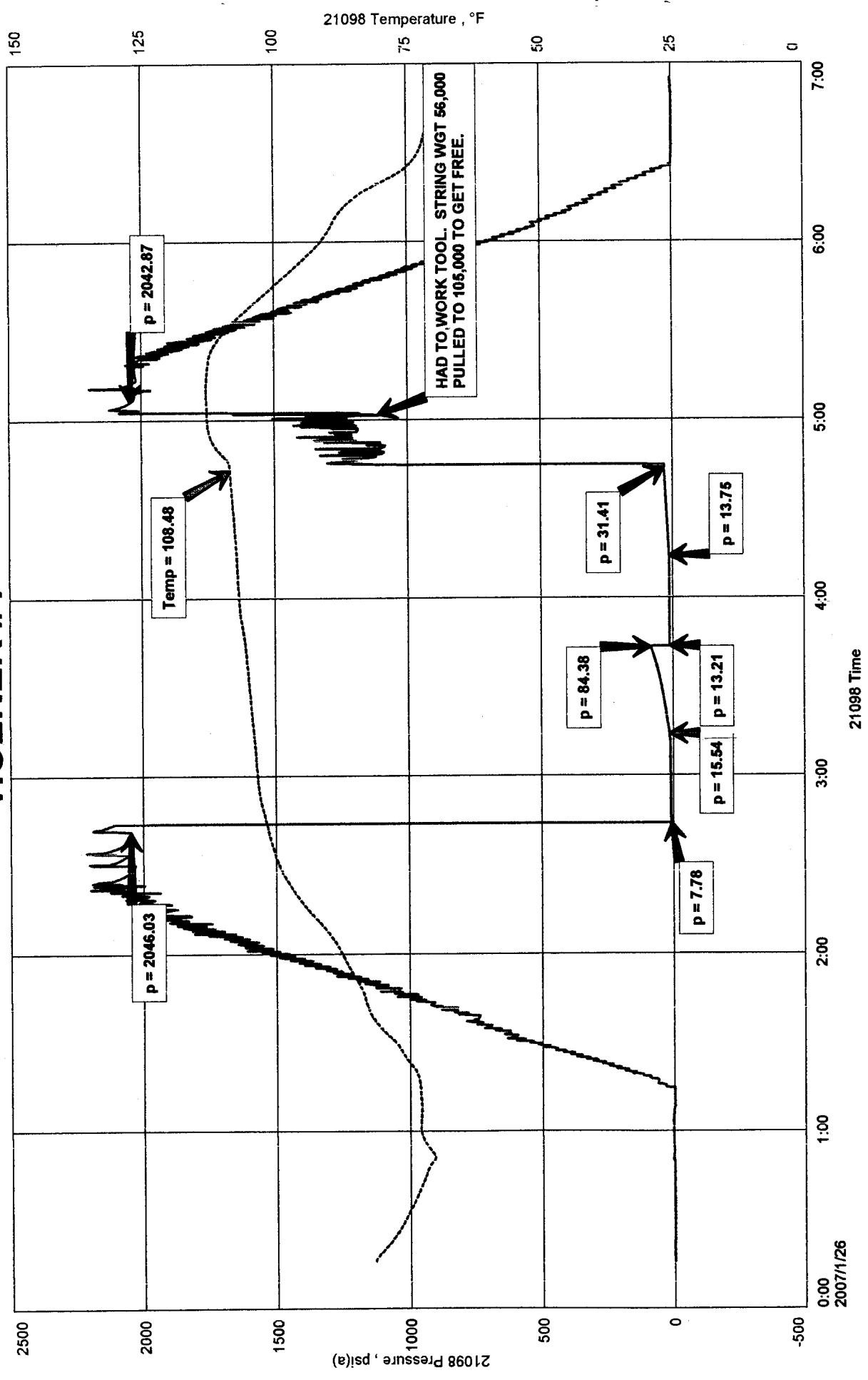
RECOVERED: 15' DRILLING MUD

TOOL SAMPLE: 100% DRILLING MUD

HOENER #1
 Formation: DST #5 VIOLA 4,387' - 4,446'
 Pool: WILDCAT

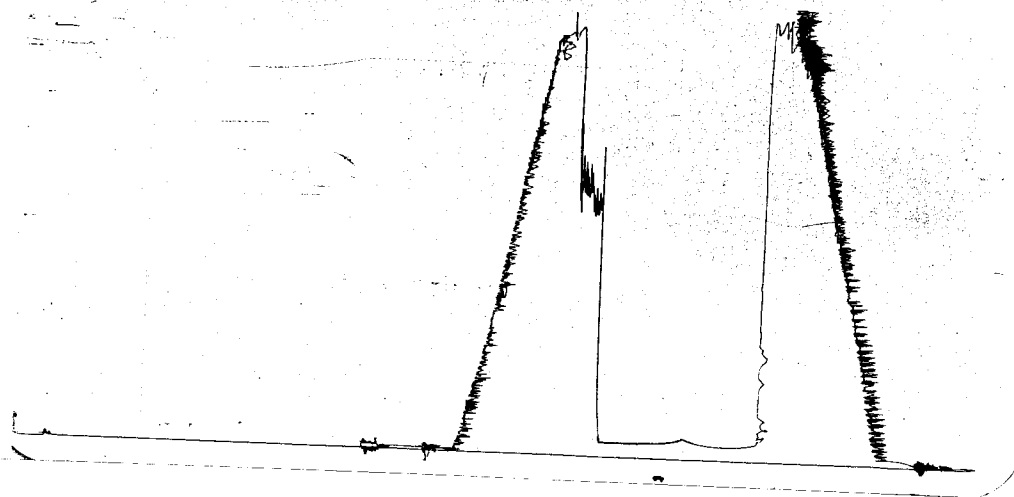
L.D. DRILLING, INC.
 DST #5 VIOLA 4,387' - 4,446'
 Start Test Date: 2007/01/26
 Final Test Date: 2007/01/26

HOENER #1



DST #5 OUTSIDE 12581
Viola

4381-4442
LDC 4443



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2046	2046
(B) First Initial Flow Pressure	8	8
(C) First Final Flow Pressure	16	16
(D) Initial Closed-in Pressure	84	84
(E) Second Initial Flow Pressure	13	13
(F) Second Final Flow Pressure	14	14
(G) Final Closed-in Pressure	31	31
(H) Final Hydrostatic Mud	2043	2043

PSI
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