



15-009-24915

12-20s-14w

DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D229

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3

Elevation 1877 KB Formation Chase/Winfield Effective Pay -- Ft. Ticket No. 2114

Date 4-04-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas

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

Formation Test No. 1 Interval Tested from 1,683 ft. to 1,780 ft. Total Depth 1,780 ft.

Packer Depth 1,678 ft. Size 6 3/4 in. Packer Depth --ft. Size --in.

Packer Depth 1,683 ft. Size 6 3/4 in. Packer Depth --ft. Size --in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 1,671 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 1,777 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 296ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 38 Weight Pipe Length --ft. I.D. --in.

Weight 8.4 Water Loss 60+ cc. Drill Pipe Length 1,362ft. I.D. 3 1/2 in.

Chlorides 48,000 P.P.M. Test Tool Length 25ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 35' 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: Fair, 1 in., blow increasing. Off bottom of bucket in 3 1/2 mins. No blow back during shut-in.
2nd Open: Driller picked up tool too high. Flushed. Weak, 1/2 in., blow increasing. Off bottom of bucket in 23 mins.

Recovered 186 ft. of gas in pipe

Recovered 311 ft. of gas cut watery mud = 1.527320 bbls. (Grind out: 10%-gas; 30%-water; 60%-mud)

Recovered 311 ft. of TOTAL FLUID = 1.527320 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 10%-gas; 30%-water; 60%-mud)

Time Set Packer(s) 3:57 A.M. Time Started Off Bottom 6:57 A.M. Maximum Temperature 79°

Initial Hydrostatic Pressure (A) 813 P.S.I.

Initial Flow Period Minutes 30 (B) 5 P.S.I. to (C) 35 P.S.I.

Initial Closed In Period Minutes 45 (D) 448 P.S.I.

Final Flow Period Minutes 45 (E) 147 P.S.I. to (F) 162 P.S.I.

Final Closed In Period Minutes 60 (G) 368 P.S.I.

Final Hydrostatic Pressure (H) 813 P.S.I.



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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-04-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 1 Interval Tested From 1,683 ft. to 1,780 ft. Total Depth 1,780 ft.

Formation Chase/Winfield

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>38</u> CP	<u>41</u> CP
Weight	<u>8.4</u>	<u>8.9</u>
Water Loss	<u>60+</u> CC	<u>50+</u> CC
PH Factor	<u>7.5</u>	<u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ --°F.</u>	<u>-- ppm</u>
Recovery Mud	<u>.13 @ 50°F.</u>	<u>80,000 ppm</u>
Recovery Mud Filtrate	<u>.14 @ 48°F.</u>	<u>75,000 ppm</u>
Mud Pit Sample	<u>.16 @ 62°F.</u>	<u>52,000 ppm</u>
Mud Pit Sample Filtrate	<u>.15 @ 66°F.</u>	<u>50,000 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 48,000 Ppm
Recovery filtrate triton dish chlorides were 62,000 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: BUSH #3

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #1 CHASE/WINF. 1,683' - 1,780'

Location-Surface: SEC 12-20S-14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO 1

Start Date: 2006/04/04 Start Time: 00:55:00

End Date: 2006/04/04 End Time: 08:51:00

Report Date: Prepared By:

Remarks: Qualified By:

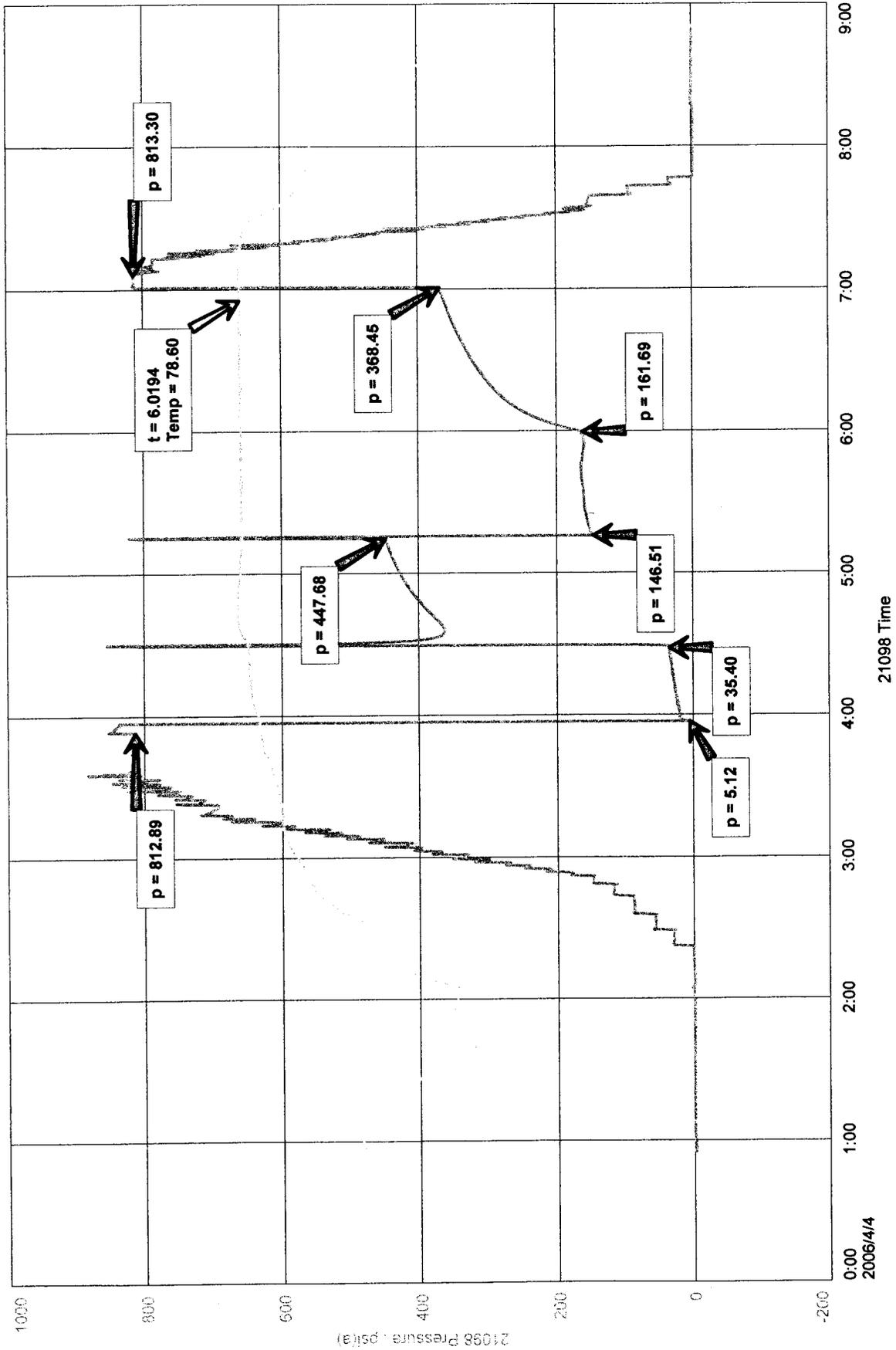
RECOVERED: 186' GAS IN PIPE
311' GCWM 10% GAS, 30% WTR, 60% MUD

TOOL SAMPLE: 20% GAS, 38% WTR, 42% MUD

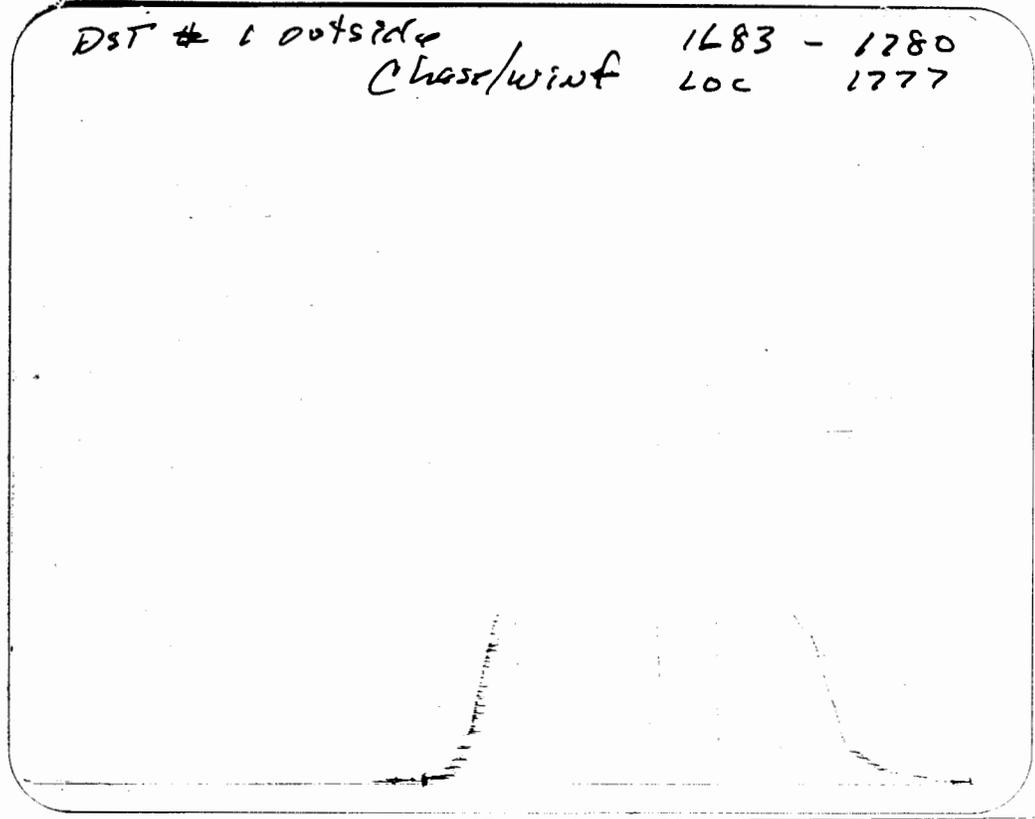
L.D. DRILLING, INC.
DST #1 CHASE/WINF. 1,683' - 1,780'
Start Test Date: 2006/04/04
Final Test Date: 2006/04/04

BUSH #3
Formation: DST #1 CHASE/WINF. 1,683' - 1,780'
Pool: WILDCAT

BUSH #3

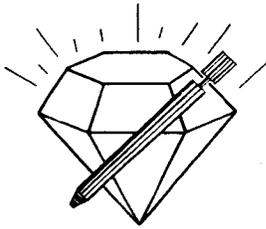


DST # 1 outside 1683 - 1780
 Class/wint Loc 1777



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	813	813	PSI
(B) First Initial Flow Pressure.....	5	5	PSI
(C) First Final Flow Pressure	35	35	PSI
(D) Initial Closed-in Pressure	448	448	PSI
(E) Second Initial Flow Pressure.....	147	147	PSI
(F) Second Final Flow Pressure.....	162	162	PSI
(G) Final Closed-in Pressure.....	368	368	PSI
(H) Final Hydrostatic Mud	813	813	PSI



DIAMOND TESTING

P.O. Box 157
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(620) 653-7550 • (800) 542-7313
STC 21098.D230

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3

Elevation 1877 KB Formation Lansing/Kansas City "A" - "D" Effective Pay -- Ft. Ticket No. 2115

Date 4-06-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas

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

Formation Test No. 2 Interval Tested from 3,215 ft. to 3,280 ft. Total Depth 3,280 ft.

Packer Depth 3,210 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,215 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,203 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,277 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 237 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 46 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.0 Water Loss 11.6 cc. Drill Pipe Length 2,953 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 35' perf w/ 30' 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. Off bottom of bucket in 28 mins. Weak surface blow back during shut-in.
2nd Open: Weak, 1/2 in., blow increasing. Off bottom of bucket in 19 1/2 mins.

Recovered 310 ft. of gas in pipe

Recovered 69 ft. of slightly oil & gas cut watery mud = .432280 bbls. (Grind out: 6%-oil; 6%-gas; 8%-water; 80%-mud)

Recovered 118 ft. of oil & gas cut watery mud = .580560 bbls. (Grind out: 10%-oil; 12%-gas; 24%-water; 54%-mud)

Recovered 60 ft. of slightly oily gas cut muddy water = .295200 bbls. (Grind out: 2%-oil; 4%-gas; 36%-mud; 58%-water)

Recovered 247 ft. of TOTAL FLUID = 1.308040 bbls.

Remarks Tool Sample Grind Out: 2%-oil; 2%-gas; 19%-mud; 77%-water

Time Set Packer(s) 6:01 ~~XXX.~~ P.M. Time Started Off Bottom 9:01 ~~XXX.~~ P.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1473 P.S.I.

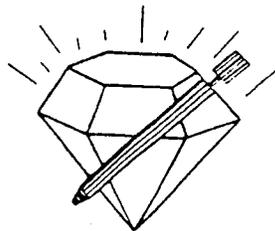
Initial Flow Period Minutes 30 (B) 8 P.S.I. to (C) 60 P.S.I.

Initial Closed In Period Minutes 45 (D) 1108 P.S.I.

Final Flow Period Minutes 45 (E) 66 P.S.I. to (F) 116 P.S.I.

Final Closed In Period Minutes 60 (G) 1062 P.S.I.

Final Hydrostatic Pressure (H) 1462 P.S.I.



DIAMOND TESTING
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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-06-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 2 Interval Tested From 3,215 ft. to 3,280 ft. Total Depth 3,280 ft.

Formation Lansing/Kansas City "A" - "D"

	<u>MUD PIT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
Viscosity	<u>46</u> CP	<u>34</u> CP	
Weight	<u>8.0</u>	<u>8.0</u>	
Water Loss	<u>11.6</u> CC	<u>40+</u> CC	
PH Factor	<u>11.0</u>	<u>9.0</u>	<u>Water</u> <u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE</u> <u>CONTENT</u>
Recovery Water	<u>.30 @ 58 °F.</u>	<u>28,000</u> ppm
Recovery Mud	<u>.55 @ 62 °F.</u>	<u>15,400</u> ppm
Recovery Mud Filtrate	<u>.58 @ 64 °F.</u>	<u>15,000</u> ppm
Mud Pit Sample	<u>.78 @ 70 °F.</u>	<u>8,600</u> ppm
Mud Pit Sample Filtrate	<u>.80 @ 72 °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 filtrate triton dish chlorides were 14,500 Ppm
Recovery water dish chlorides were 25,000 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: BUSH #3

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #2 LKC A/D 3,215' - 3,280'

Location-Surface: SEC 12-20S-14W BARTON, COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2006/04/06 Start Time: 15:04:00

End Date: 2006/04/07 End Time: 00:15:00

Report Date: Prepared By:

Qualified By:

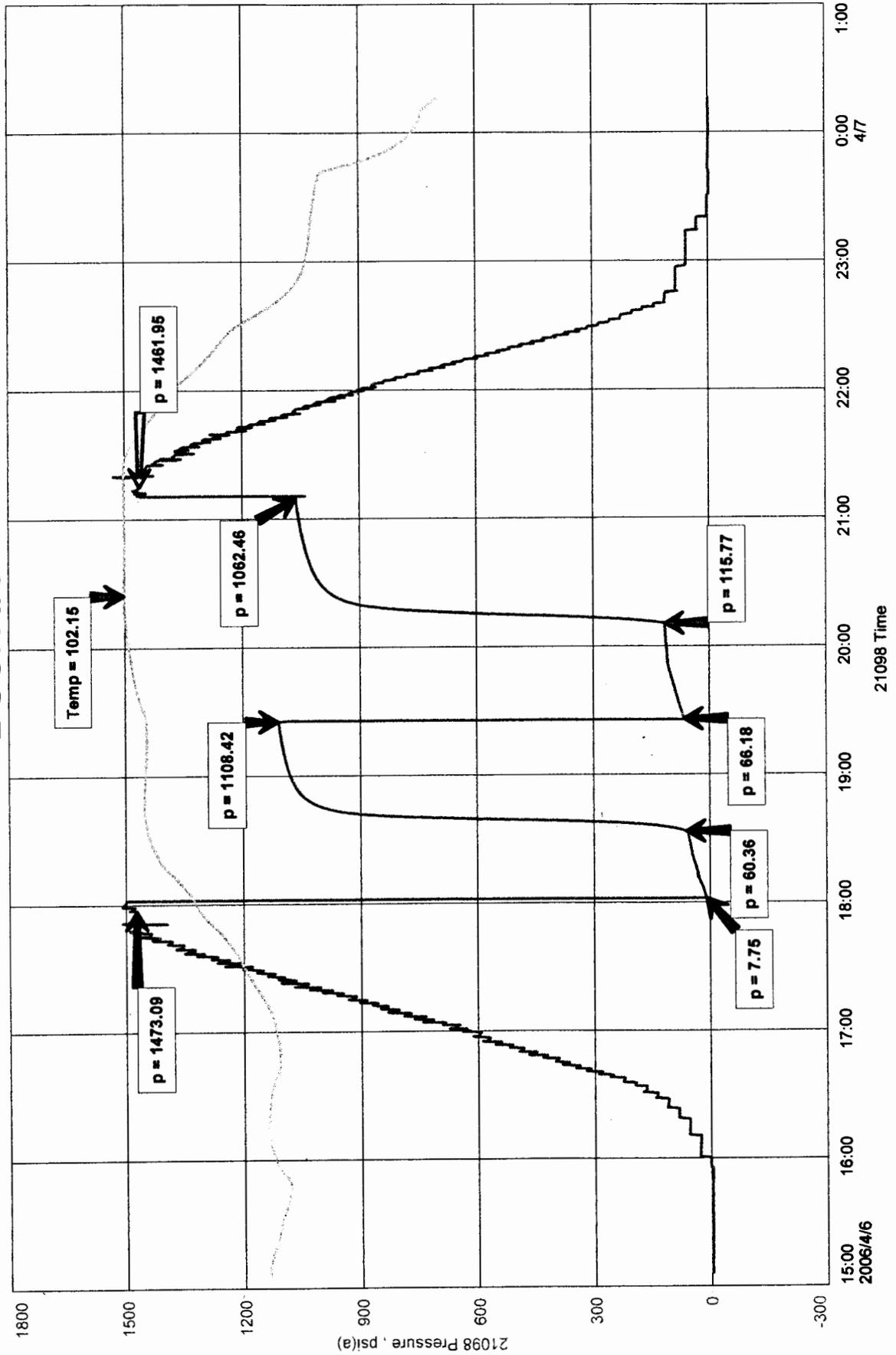
Remarks:

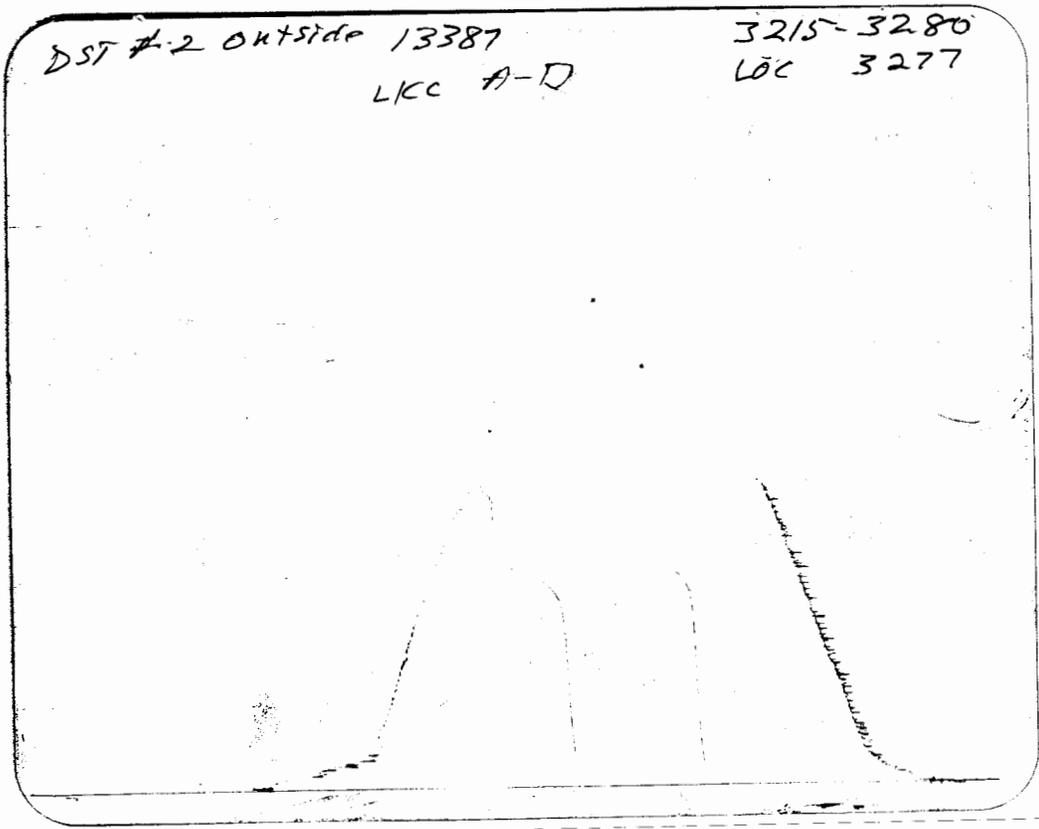
RECOVERED: 310' GAS IN PIPE
69' DRILLING MUD
118' G&OCM
60'SOCWM
247' TOTAL FLUID

BUSH #3
 Formation: DST #2 LKC A/D 3,215' - 3,280'
 Pool: WILDCAT

L.D. DRILLING, INC.
 DST #2 LKC A/D 3,215' - 3,280'
 Start Test Date: 2006/04/06
 Final Test Date: 2006/04/07

BUSH #3





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1473	1473	PSI
(B) First Initial Flow Pressure.....	8	8	PSI
(C) First Final Flow Pressure	60	60	PSI
(D) Initial Closed-in Pressure	1108	1108	PSI
(E) Second Initial Flow Pressure	66	66	PSI
(F) Second Final Flow Pressure.....	116	116	PSI
(G) Final Closed-in Pressure.....	1062	1062	PSI
(H) Final Hydrostatic Mud	1462	1462	PSI



DIAMOND TESTING

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STC 21098.D231

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3
Elevation 1877 KB Formation Lansing/Kansas City "H" Effective Pay -- Ft. Ticket No. 2116
Date 4-07-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,343 ft. to 3,363 ft. Total Depth 3,363 ft.
Packer Depth 3,338 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,343 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,331 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,360 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 237 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 40 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 11.2 cc. Drill Pipe Length 3,081 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 20 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out Yes 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 immediately. Strong blow back off bottom of bucket during shut-in.
2nd Open: Strong blow. Off bottom of bucket immediately. Strong blow back off bottom of bucket during shut-in.

Recovered 2,785 ft. of clean oil = 38.442680 bbls. (Gravity: 37.8 @ 60°)
Recovered 118 ft. of (below circulating pin) muddy oil = .580560 bbls. (Grind out: 7%-water; 10%-gas; 15%-mud; 68%-oil)
Recovered 2,903 ft. of TOTAL FLUID = 41.222600 bbls.
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: BLEW OUT TOP

Time Set Packer(s)	<u>2:26</u>	XXX P.M.	Time Started Off Bottom	<u>5:26</u>	XXX P.M.	Maximum Temperature	<u>114°</u>
Initial Hydrostatic Pressure			(A)	<u>1550</u>			P.S.I.
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>139</u>	P.S.I. to (C)	<u>405</u>	P.S.I.
Initial Closed In Period	Minutes	<u>45</u>	(D)	<u>928</u>			P.S.I.
Final Flow Period	Minutes	<u>45</u>	(E)	<u>435</u>	P.S.I. to (F)	<u>690</u>	P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>923</u>			P.S.I.
Final Hydrostatic Pressure			(H)	<u>1550</u>			P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-07-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 3 Interval Tested From 3,343 ft. to 3,363 ft. Total Depth 3,363 ft.

Formation Lansing/Kansas City "H"

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>40</u> CP	<u>--</u> CP
Weight	<u>9.0</u>	<u>--</u>
Water Loss	<u>11.2</u> CC	<u>--</u> CC
PH Factor	<u>10.5</u>	<u>--</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>--</u> ppm
Mud Pit Sample	<u>.82 @ 60 °F.</u>	<u>9,600</u> ppm
Mud Pit Sample Filtrate	<u>.86 @ 58 °F.</u>	<u>8,800</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 8,000 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: BUSH #3

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #3 LKC "H" 3,343' - 3,363'

Location-Surface: SEC 12-20S-14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2006/04/07 Start Time: 10:35:00

End Date: 2006/04/08 End Time: 00:42:00

Report Date: Prepared By:

Remarks: Qualified By:

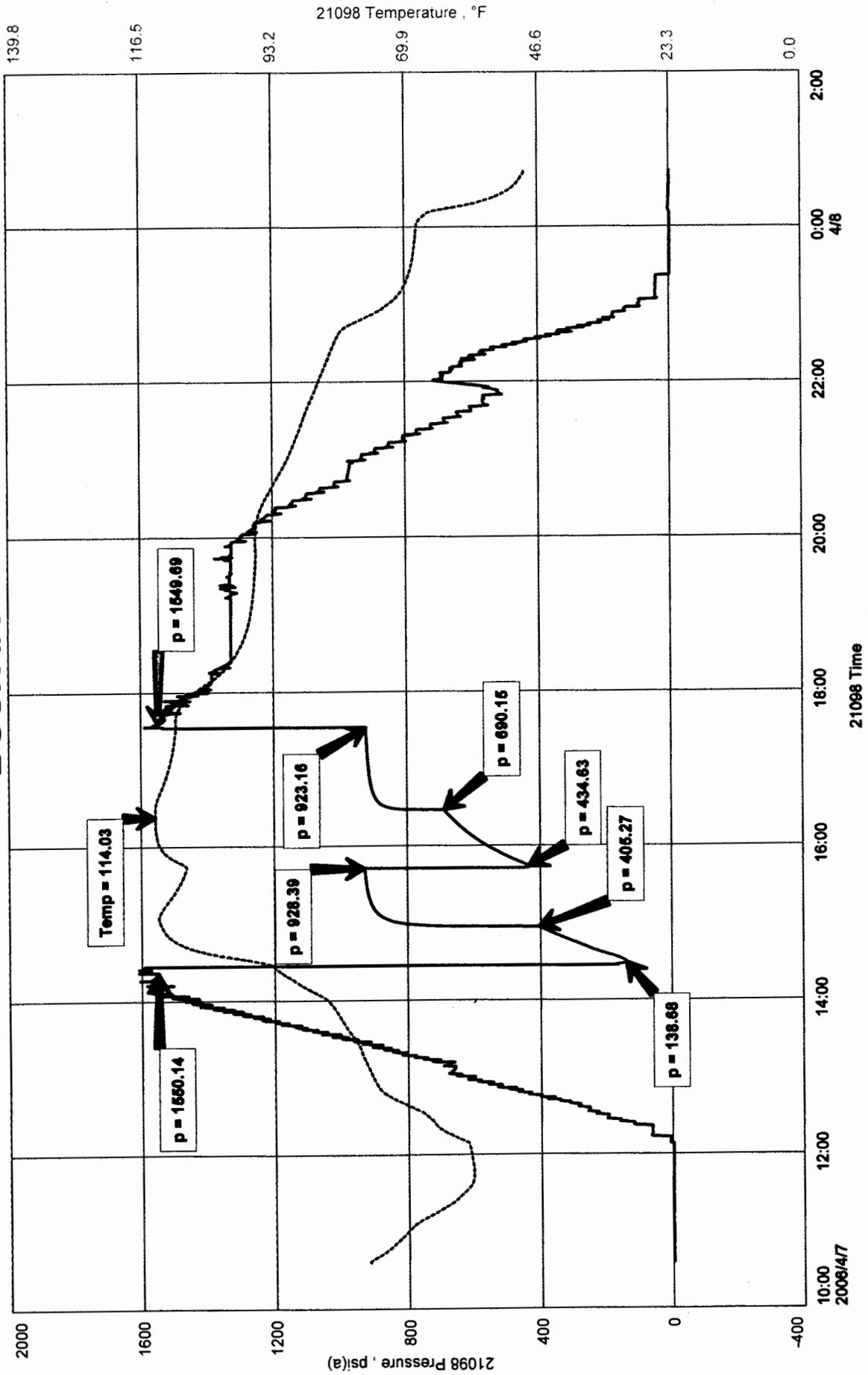
RECOVERED: 2,785' CLEAN OIL
118' MO
2,903' TOTAL FLUID

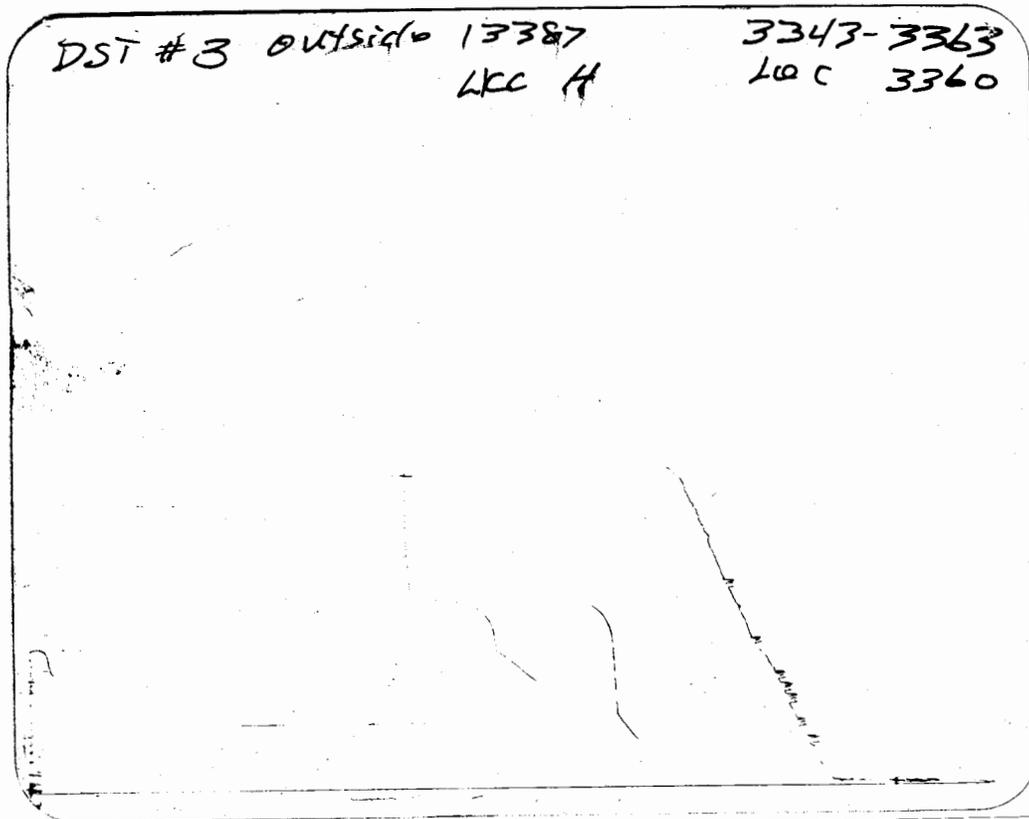
TOOL SAMPLE: BLEW OUT TOP.

BUSH #3
Formation: DST #3 LKC "H" 3,343' - 3,363'
Pool: WILDCAT

L.D. DRILLING, INC.
DST #3 LKC "H" 3,343' - 3,363'
Start Test Date: 2006/04/07
Final Test Date: 2006/04/08

BUSH #3





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1550	1550	PSI
(B) First Initial Flow Pressure.....	139	139	PSI
(C) First Final Flow Pressure	405	405	PSI
(D) Initial Closed-in Pressure	928	928	PSI
(E) Second Initial Flow Pressure	435	435	PSI
(F) Second Final Flow Pressure.....	690	690	PSI
(G) Final Closed-in Pressure.....	923	923	PSI
(H) Final Hydrostatic Mud	1550	1550	PSI



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STC 21098.D232

Page 1 of 3 Pages

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3

Elevation 1877 KB Formation Lansing/Kansas City "I" Effective Pay -- Ft. Ticket No. 2117

Date 4-08-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas

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

Formation Test No. 4 Interval Tested from 3,365 ft. to 3,384 ft. Total Depth 3,384 ft.

Packer Depth 3,360 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,365 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,353 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,381 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 237 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 44 Weight Pipe Length 6 ft. I.D. 2 7/8 in.

Weight 9.0 Water Loss 10.2 cc. Drill Pipe Length 3,103 ft. I.D. 3 1/2 in.

Chlorides 6,800 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 19 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, 1 in., blow increasing. Off bottom of bucket in 24 mins. Weak surface blow during shut-in.

2nd Open: Fair, 1 in., blow increasing. Off bottom of bucket in 42 mins. Weak, 1/2 in., blow back during shut-in.

Recovered 240 ft. of gas in pipe

Recovered 60 ft. of heavy oil cut mud = .295200 bbls. (Grind out: 26%-oil; 74%-mud)

Recovered 40 ft. of muddy water with a trace of oil = .196800 bbls. (Grind out: 25%-mud; 75%-water)

Recovered 100 ft. of TOTAL FLUID = .492000 bbls.

Recovered ft. of

Remarks Tool Sample Grind Out: 14%-oil; 40%-mud; 46%-water

Time Set Packer(s) 12:28 XXM. P.M. Time Started Off Bottom 3:28 XXM. P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure (A) 1543 P.S.I.

Initial Flow Period Minutes 30 (B) 9 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 45 (D) 696 P.S.I.

Final Flow Period Minutes 45 (E) 33 P.S.I. to (F) 49 P.S.I.

Final Closed In Period Minutes 60 (G) 683 P.S.I.

Final Hydrostatic Pressure (H) 1541 P.S.I.



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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-08-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 4 Interval Tested From 3,365 ft. to 3,384 ft. Total Depth 3,384 ft.

Formation Lansing/Kansas City "I"

	<u>MUD PIT</u>	<u>RECOVERY</u>	<u>RECOVERY</u>
Viscosity	<u>44</u> CP	<u>--</u> CP	
Weight	<u>9.0</u>	<u>--</u>	
Water Loss	<u>10.2</u> CC	<u>--</u> CC	
PH Factor	<u>10.0</u>	<u>--</u>	<u>Water</u> <u>7.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>.14 @ 62 °F.</u>	<u>55,000 ppm</u>
Recovery Mud	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Mud Pit Sample	<u>.98 @ 58 °F.</u>	<u>8,200 ppm</u>
Mud Pit Sample Filtrate	<u>1.05 @ 60 °F.</u>	<u>7,000 ppm</u>

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 6,800 Ppm
Recovery water dish chlorides were 48,000 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: BUSH #3

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #4 LKC "I" 3,365' - 3,384'

Location-Surface: SEC 12-20S-14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2006/04/08 Start Time: 09:25:00

End Date: 2006/04/08 End Time: 18:10:00

Report Date: Prepared By:

Remarks: Qualified By:

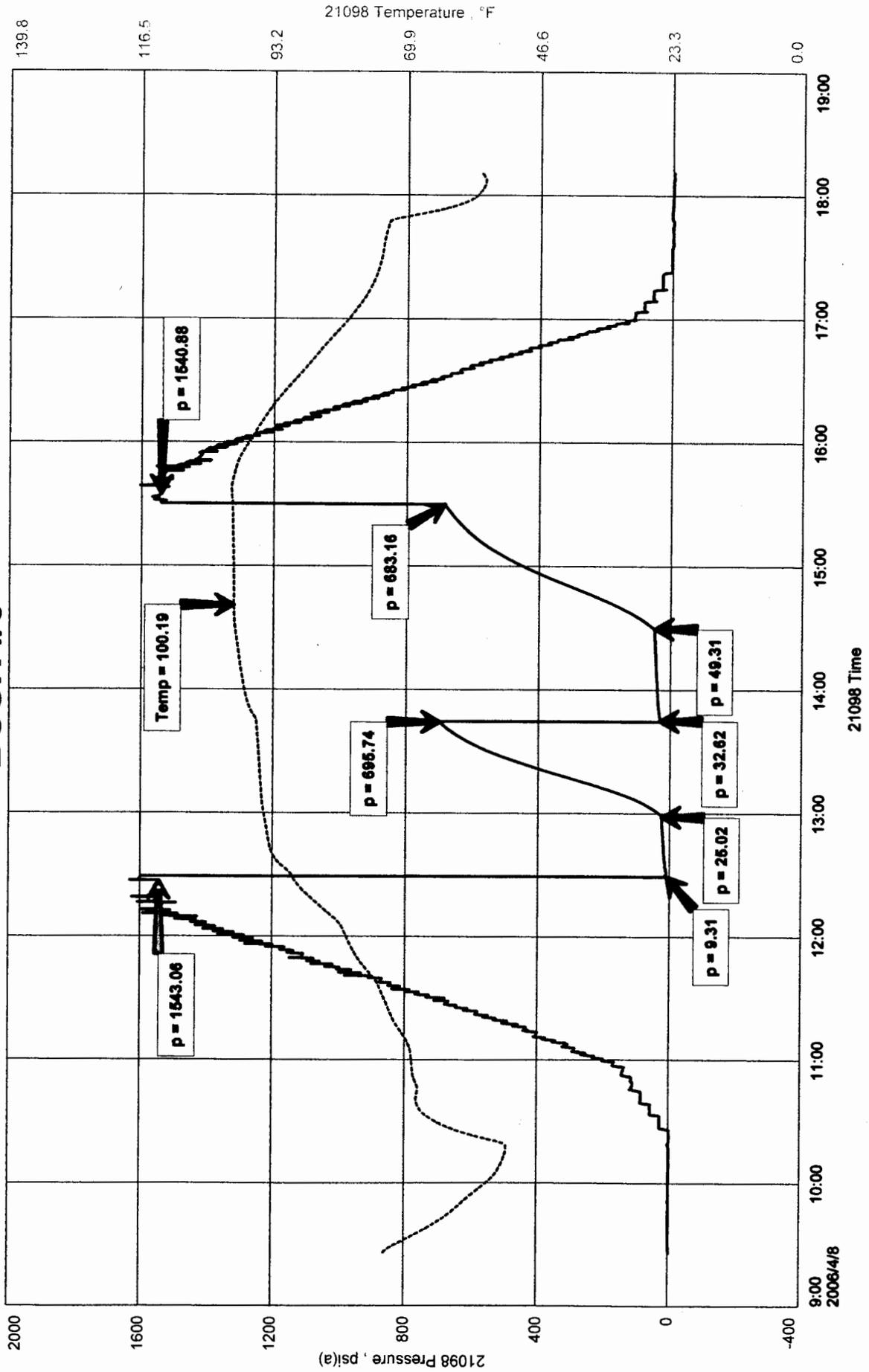
RECOVERED: 240' GAS IN PIPE
60' HOCM 26% OIL, 74% MUD
40' MW 25% MUD, 75% WTR, TRACE OF OIL
100' TOTAL FLUID

TOOL SAMPLE: 14% OIL, 40% MUD, 46% WTR

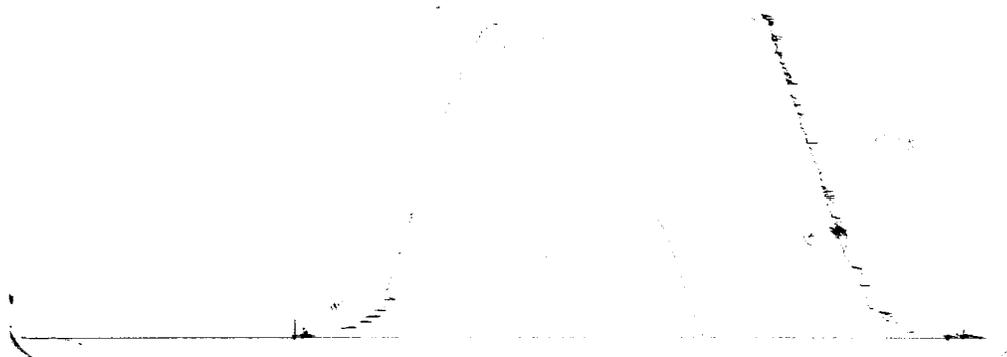
L.D. DRILLING, INC.
 DST #4 LKC "1" 3,365' - 3,384'
 Start Test Date: 2006/04/08
 Final Test Date: 2006/04/08

BUSH #3
 Formation: DST #4 LKC "1" 3,365' - 3,384'
 Pool: WILDCAT

BUSH #3



F-DST # 4 outside 13387 3365-3384
 LKC I LOC 3381



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1543	1543	PSI
(B) First Initial Flow Pressure.....	9	9	PSI
(C) First Final Flow Pressure	25	25	PSI
(D) Initial Closed-in Pressure	696	696	PSI
(E) Second Initial Flow Pressure.....	33	33	PSI
(F) Second Final Flow Pressure.....	49	49	PSI
(G) Final Closed-in Pressure.....	683	683	PSI
(H) Final Hydrostatic Mud.....	1541	1541	PSI



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D233

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3
Elevation 1877 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2118
Date 4-09-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas

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

Formation Test No. 5 Interval Tested from 3,442 ft. to 3,524 ft. Total Depth 3,524 ft.
Packer Depth 3,437 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,442 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,430 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,521 ft. Recorder Number 13387 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

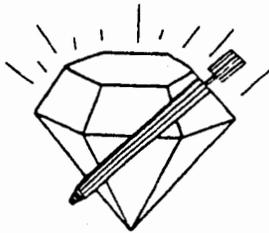
Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 237 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 36 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.9 Water Loss 16.0 cc. Drill Pipe Length 3,180 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 20' 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: Good, 2 in., blow increasing. Off bottom of bucket in 26 mins. Surging. No blow back during shut-in.
2nd Open: Good, 2 in., blow increasing to 3 ins. Decreasing to 2 ins. at end. No blow back during shut-in.

Recovered 60 ft. of gas in pipe
Recovered 133 ft. of drilling mud with a trace of oil = .793560 bbls. (Grind out: 100%-drilling mud)
Recovered 119 ft. of slightly oil cut mud = .585480 bbls. (Grind out: 2%-oil; 98%-mud)
Recovered 252 ft. of TOTAL FLUID = 1.379040 bbls.

Recovered ft. of
Remarks Tool Sample Grind Out: 2%-oil; 98%-mud

Time Set Packer(s) 11:55 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 3:10 ~~P.M.~~ ^{X.M.} Maximum Temperature 104°
Initial Hydrostatic Pressure (A) 1617 P.S.I. Plugging
Initial Flow Period Minutes 45 (B) 31 P.S.I. to (C) 190 P.S.I.
Initial Closed In Period Minutes 45 (D) 400 P.S.I. Plugging
Final Flow Period Minutes 45 (E) 289 P.S.I. to (F) 488 P.S.I.
Final Closed In Period Minutes 60 (G) 678 P.S.I.
Final Hydrostatic Pressure (H) 1616 P.S.I.



DIAMOND TESTING
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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-09-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 5 Interval Tested From 3,442 ft. to 3,524 ft. Total Depth 3,524 ft.

Formation Arbuckle

	MUD PIT	RECOVERY
Viscosity	<u>36</u> CP	<u>38</u> CP
Weight	<u>8.9</u>	<u>9.0</u>
Water Loss	<u>16.0</u> CC	<u>15.2</u> CC
PH Factor	<u>9.5</u>	<u>9.0</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Recovery Mud	<u>1.00</u> @ <u>72</u> °F.	<u>6,400</u> ppm
Recovery Mud Filtrate	<u>1.00</u> @ <u>76</u> °F.	<u>5,600</u> ppm
Mud Pit Sample	<u>.88</u> @ <u>70</u> °F.	<u>7,200</u> ppm
Mud Pit Sample Filtrate	<u>.86</u> @ <u>74</u> °F.	<u>6,800</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By KIM B. SHOEMAKER

Remarks Pit filtrate triton dish chlorides were 5,000 Ppm
Recovery filtrate triton dish chlorides were 4,900 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: BUSH #3

Operator: L.D. DRILLING, INC.

Location-Downhole: DST #5 ARBUCKLE 3,443' - 3,524'

Location-Surface: SEC 12-20S-14W BARTON COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2006/04/09 Start Time: 08:44:00

End Date: 2006/04/09 End Time: 18:10:00

Report Date: Prepared By:

Remarks: Qualified By:

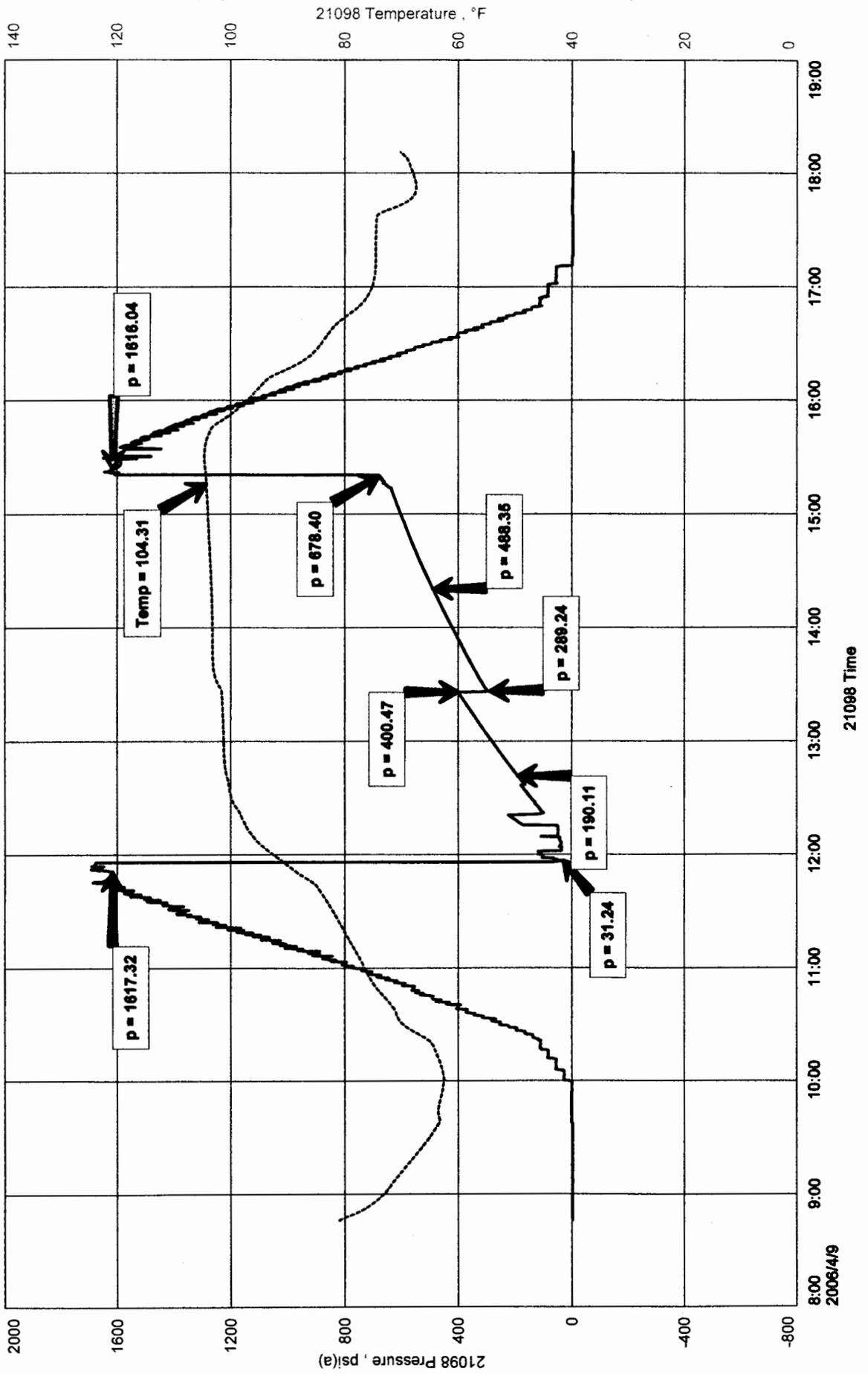
RECOVERED: 60' GAS IN PIPE
133' DRILLING MUD 100% MUD
119' SCOM 2% OIL, 98% MUD
252' TOTAL FLUID

TOOL SAMPLE: 2% OIL, 98% MUD

L.D. DRILLING, INC.
 DST #5 ARBUCKLE 3,443' - 3,524'
 Start Test Date: 2006/04/09
 Final Test Date: 2006/04/09

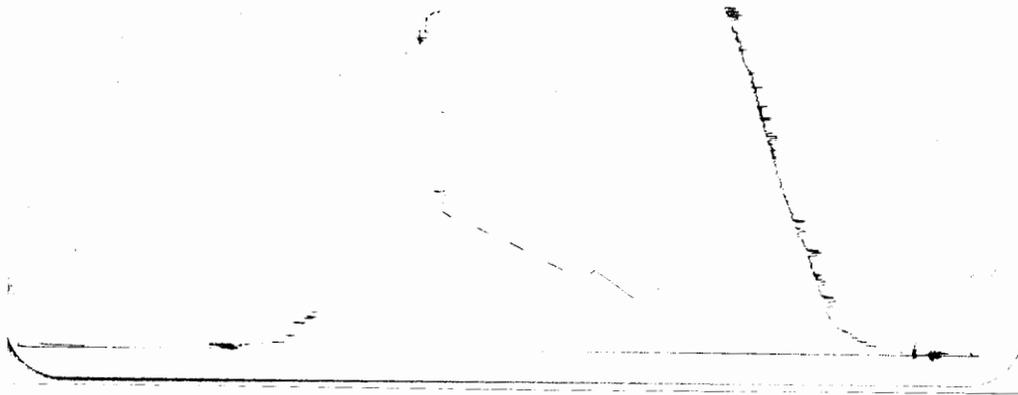
BUSH #3
 Formation: DST #5 ARBUCKLE 3,443' - 3,524'
 Pool: WILDCAT

BUSH #3



DST # 5 Outside 13787
ARB

3442-3524
LOC 3521



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1617	1617	PSI
(B) First Initial Flow Pressure.....	31	31	PSI
(C) First Final Flow Pressure	Plugging 190	Plugging 190	PSI
(D) Initial Closed-in Pressure	400	400	PSI
(E) Second Initial Flow Pressure.....	Plugging 289	Plugging 289	PSI
(F) Second Final Flow Pressure.....	488	488	PSI
(G) Final Closed-in Pressure.....	678	678	PSI
(H) Final Hydrostatic Mud.....	1616	1616	PSI



DIAMOND TESTING

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STC 21098.D234

Page 1 of 3 Pages

Company L. D. Drilling, Inc. Lease & Well No. Bush No. 3

Elevation 1877 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2119

Date 4-10-06 Sec. 12 Twp. 20S Range 14W County Barton State Kansas

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

Formation Test No. 6 Interval Tested from 3,519 ft. to 3,537 ft. Total Depth 3,537 ft.

Packer Depth 3,514 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,519 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,507 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,534 ft. Recorder Number 13387 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Warren Drilling - Rig 9 Drill Collar Length 237 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 38 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 16.0 cc. Drill Pipe Length 3,257 ft. I.D. 3 1/2 in.

Chlorides 5,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 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: Fair, 1 in., blow increasing to 10 ins. Very weak surface blow back during shut-in.

2nd Open: Fair, 1 in., blow increasing to 5 1/2 ins.

Recovered 230 ft. of gas in pipe

Recovered 20 ft. of heavy gas & oil cut mud = .098400 bbls. (Grind out: 8%-gas; 10%-oil; 82%-mud)

Recovered 20 ft. of TOTAL FLUID = .098400 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 6%-gas; 12%-oil; 82%-mud

Time Set Packer(s) 5:53 A.M. Time Started Off Bottom 8:53 A.M. Maximum Temperature 102°

Initial Hydrostatic Pressure (A) 1640 P.S.I.

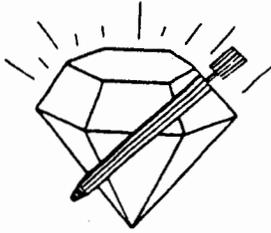
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 20 P.S.I.

Initial Closed In Period Minutes 45 (D) 183 P.S.I.

Final Flow Period Minutes 45 (E) 17 P.S.I. to (F) 26 P.S.I.

Final Closed In Period Minutes 60 (G) 99 P.S.I.

Final Hydrostatic Pressure (H) 1633 P.S.I.



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
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FLUID SAMPLE DATA

Company L. D. Drilling, Inc.

Lease & Well No. Bush No. 3

Date 4-10-06 Sec. 12 Twp. 20 S Range 14 W

Formation Test No. 6 Interval Tested From 3,519 ft. to 3,537 ft. Total Depth 3,537 ft.

Formation Arbuckle

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>38</u> CP	<u>--</u> CP
Weight	<u>9.0</u>	<u>--</u>
Water Loss	<u>16.0</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>--</u>

	RESISTIVITY	CHLORIDE CONTENT
Recovery Water	<u>--</u> @ <u>--</u> °F.	<u>--</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>.96</u> @ <u>60</u> °F.	<u>8,000</u> ppm
Mud Pit Sample Filtrate	<u>.94</u> @ <u>66</u> °F.	<u>7,200</u> ppm

Sample Taken By ROGER D. FRIEDLY

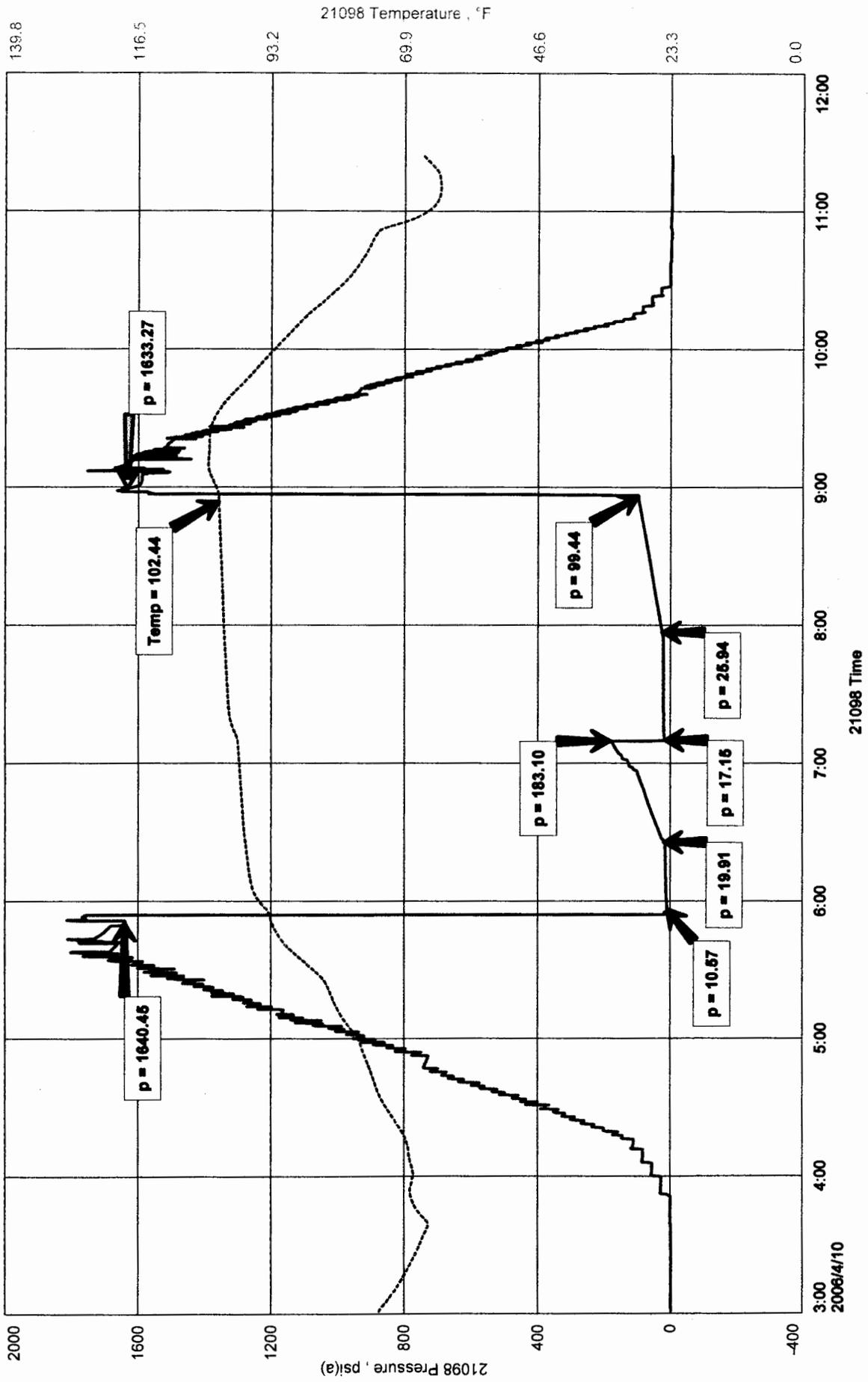
Witness By KIM B. SHOEMAKER

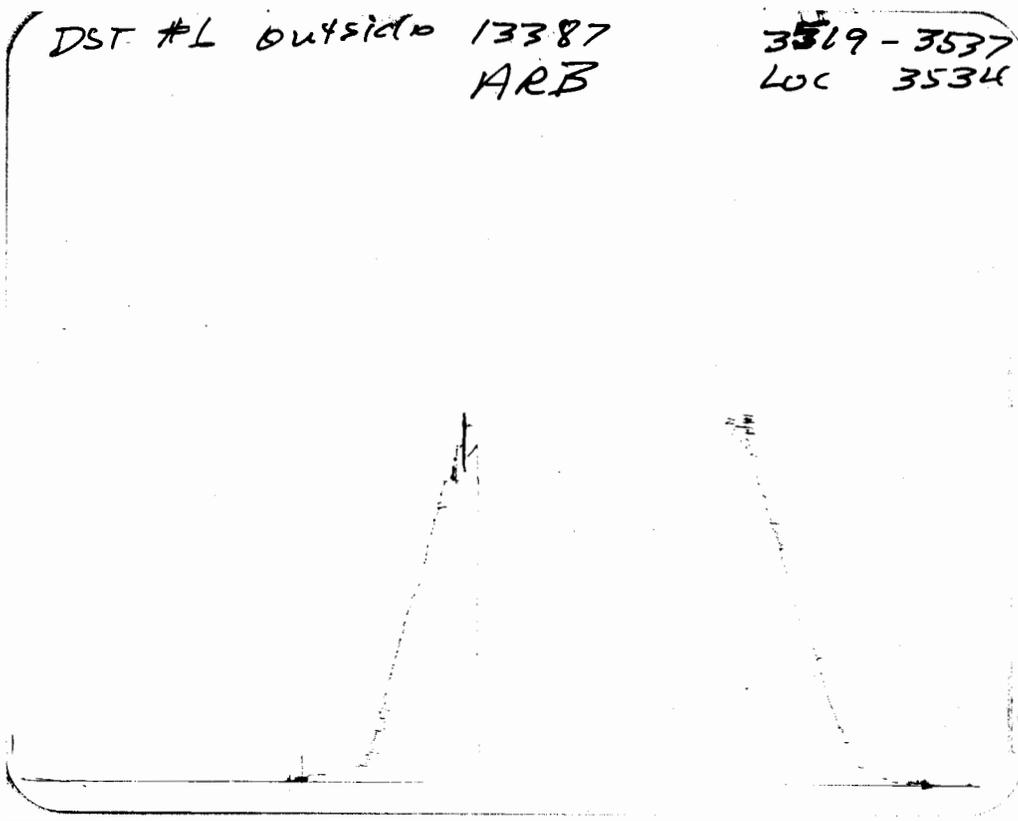
Remarks Pit filtrate triton dish chlorides were 5,000 Ppm

L.D. DRILLING, INC.
 DST #6 ARBUCKLE 3,519' - 3,537'
 Start Test Date: 2006/04/10
 Final Test Date: 2006/04/10

BUSH #3
 Formation: DST #6 ARBUCKLE 3,519' - 3,537'
 Pool: WILDCAT

BUSH #3





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1640	1640	PSI
(B) First Initial Flow Pressure.....	11	11	PSI
(C) First Final Flow Pressure	20	20	PSI
(D) Initial Closed-in Pressure	183	183	PSI
(E) Second Initial Flow Pressure	17	17	PSI
(F) Second Final Flow Pressure.....	26	26	PSI
(G) Final Closed-in Pressure.....	99	99	PSI
(H) Final Hydrostatic Mud.....	1633	1633	PSI