

15-185-23578

29-245-1/w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30035.D040

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. K U Endowment Assn No. 1
Elevation 1826 KB Formation Topeka Effective Pay -- Ft. Ticket No. P040
Date 6-4-09 Sec. 29 Twp. 24S Range 11W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky
Formation Test No. 1 Interval Tested from 2,905 ft. to 2,980 ft. Total Depth 3,063 ft.
Packer Depth 2,900 ft. Size 6 3/4 in. Packer Depth 2,980 ft. Size 6 3/4 in.
Packer Depth 2,905 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set 2,980 ft.
Top Recorder Depth (Inside) 2,888 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 2,975 ft. Recorder Number 13387 Cap. 3,900 psi
Below Straddle Recorder Depth 3,060 ft. Recorder Number 6884 Cap. 6,000 psi
Drilling Contractor Duke Drilling Company, Inc. - Rig 8 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 57 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.6 Water Loss 9.6 cc. Drill Pipe Length 2,873 ft. I.D. 3 1/2 in.
Chlorides 5,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 14' perf. w/61' drill pipe Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Tail Pipe 83 ft.
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 surface blow. No blow back during shut-in.
2nd Open: N/A

Recovered 1 ft. of mud = .014230 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 1:09 A.M. Time Started Off Bottom 2:09 P.M. Maximum Temperature 100°
Initial Hydrostatic Pressure (A) 1425 P.S.I.
Initial Flow Period Minutes 30 (B) 18 P.S.I. to (C) 18 P.S.I.
Initial Closed In Period Minutes 30 (D) 18 P.S.I.
Final Flow Period Minutes 0 (E) -- P.S.I. to (F) -- P.S.I.
Final Closed In Period Minutes 0 (G) -- P.S.I.
Final Hydrostatic Pressure (H) 1390 P.S.I.

GENERAL INFORMATION

Client Information:

Company: LD DRLG. CO.

Contact: LD DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: KU #1

Operator: LD DRLG. CO.

Location-Downhole: DST #1 TOPEKA 2905-2980

Location-Surface: SEC29 / 24 S / 11W

Test Information:

Company: DIAMOND TESTING

Representative: PAUL

Supervisor: KIM SHOEMAKER

Test Type: Drill Stem Test

Job Number: P040

Test Unit: NO. 1

Start Date: 2009/06/04

Start Time: 11:48:00

End Date: 2009/06/05

End Time: 04:24:00

Report Date: 2009/06/05

Prepared By: PAUL

Remarks:

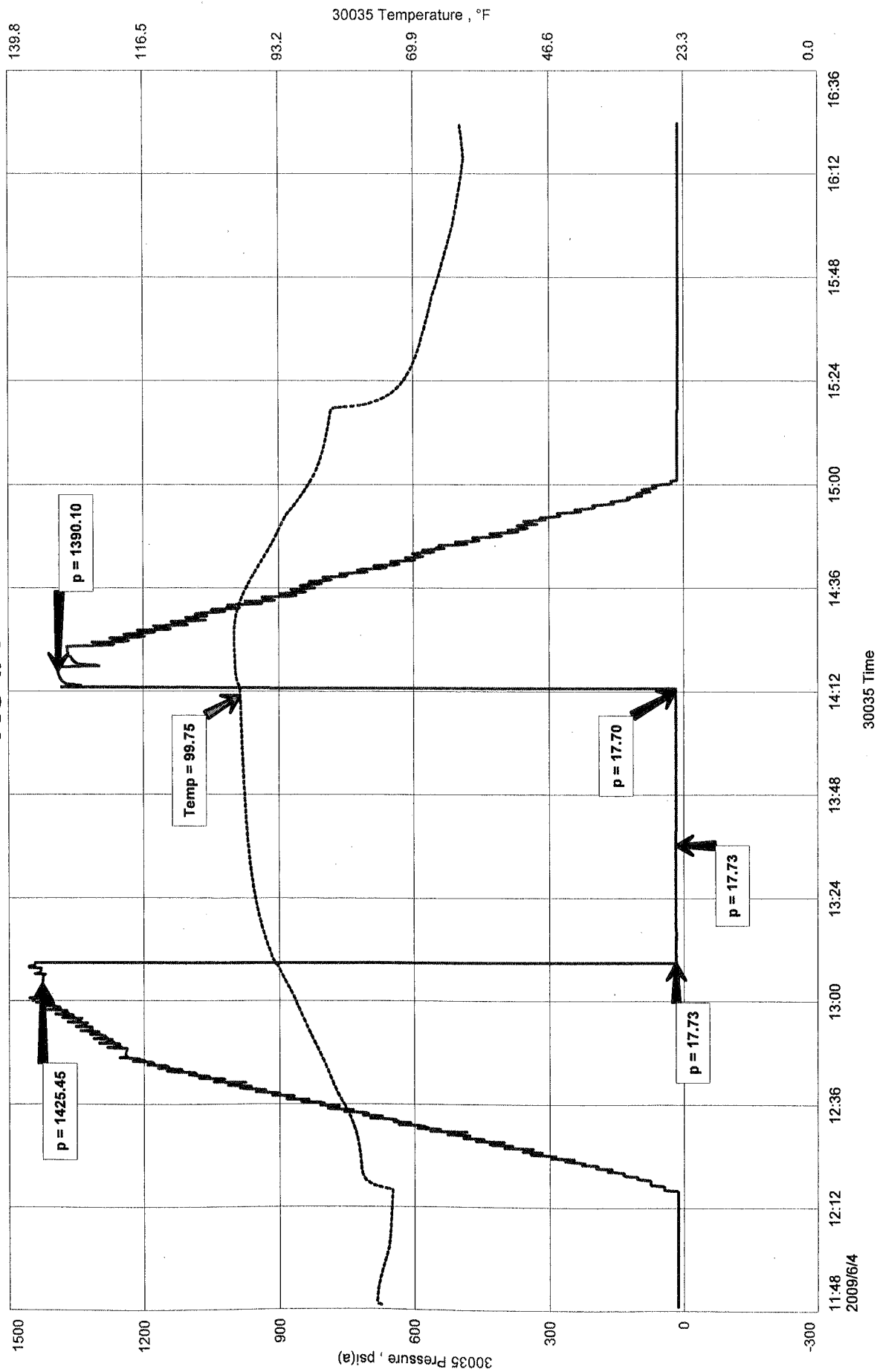
Qualified By: KIM

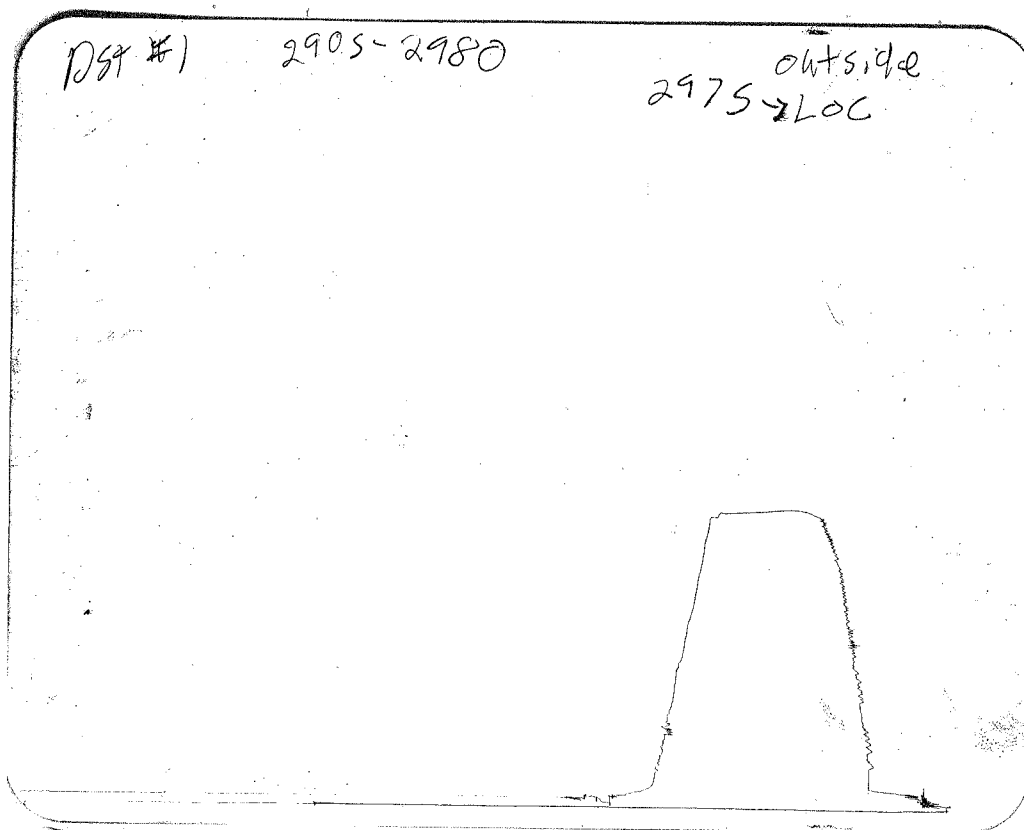
RECOVERED: 1 FT. MUD
TOOL SMPL: 100% MUD
1 FT. OF FLUID TOTAL

KU #1
Formation: DST #1 TOPEKA 2905-2980
Job Number: P040

LD DRILG. CO.
DST #1 TOPEKA 2905-2980
Start Test Date: 2009/06/04
Final Test Date: 2009/06/05

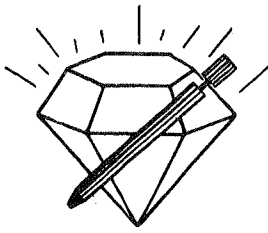
KU #1





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1425	1425
(B) First Initial Flow Pressure.....	18	18
(C) First Final Flow Pressure	18	18
(D) Initial Closed-in Pressure	18	18
(E) Second Initial Flow Pressure.....	--	--
(F) Second Final Flow Pressure.....	--	--
(G) Final Closed-in Pressure.....	--	--
(H) Final Hydrostatic Mud.....	1390	1390



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STC 30035.D041

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Company L. D. Drilling, Inc. Lease & Well No. K U Endowment Assn No. 1
Elevation 1826 KB Formation Lansing "B"-"D" Effective Pay -- Ft. Ticket No. P041
Date 6-5-09 Sec. 29 Twp. 24S Range 11W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky
Formation Test No. 2 Interval Tested from 3,468 ft. to 3,522 ft. Total Depth 3,522 ft.
Packer Depth 3,463 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,468 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,451 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,519 ft. Recorder Number 13387 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor Duke Drilling Company, Inc. - Rig 8 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.8 Water Loss 16.0 cc. Drill Pipe Length 3,436 ft. I.D. 3 1/2 in.
Chlorides 5,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 23' 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: Good blow building. Off bottom of bucket in 4 1/2 mins. No blow back during shut-in.
2nd Open: Off bottom of bucket instantly. No blow back during shut-in.

Recovered 40 ft. of mud = .569200 bbls. (Grind out: 100%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud

Time Set Packer(s) 2:13 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:13 ~~P.M.~~ ^{A.M.} Maximum Temperature 112°
Initial Hydrostatic Pressure (A) 1701 P.S.I.
Initial Flow Period Minutes 30 (B) 22 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period Minutes 45 (D) 1153 P.S.I.
Final Flow Period Minutes 45 (E) 28 P.S.I. to (F) 38 P.S.I.
Final Closed In Period Minutes 60 (G) 1273 P.S.I.
Final Hydrostatic Pressure (H) 1653 P.S.I.

GENERAL INFORMATION

Client Information:

Company: LD DRLG. CO.

Contact: LD DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: KU #1

Operator: LD DRLG. CO.

Location-Downhole: DST #2 LANSING B/D 3468-3522

Location-Surface: SEC 29 / 24 S / 11W

Test Information:

Company: DIAMOND TESTING

Representative: PAUL

Supervisor: KIM SHOEMAKER

Test Type: Drill Stem Test

Job Number: P041

Test Unit: NO. 1

Start Date: 2009/06/05

Start Time: 12:21:00

End Date: 2009/06/05

End Time: 06:55:00

Report Date: 2009/06/05

Prepared By: PAUL

Remarks:

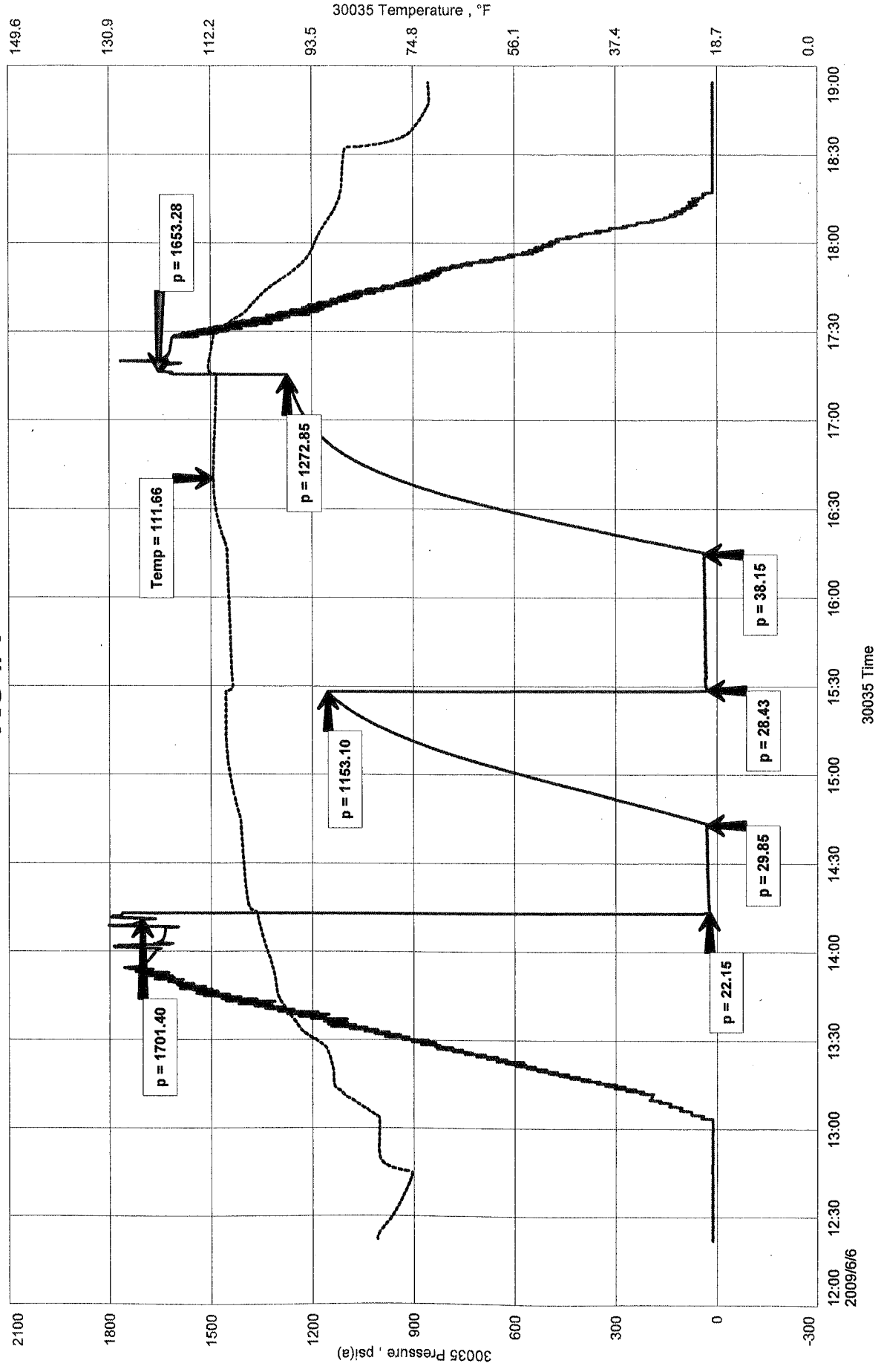
Qualified By: KIM

RECOVERED: 40 FT. OF MUD
TOOL SMPL: 100% MUD
40 FT. OF FLUID TOTAL

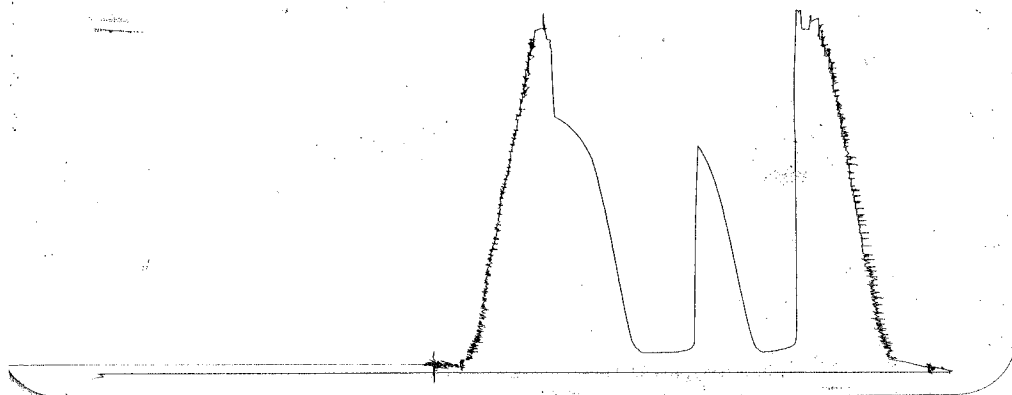
LD DRLG. CO.
 DST #2 LANSING B/D 3468-3522
 Start Test Date: 2009/06/05
 Final Test Date: 2009/06/05

KU #1
 Formation: DST #2 LANSING B/D 3468-3522
 Job Number: P041

KU #1

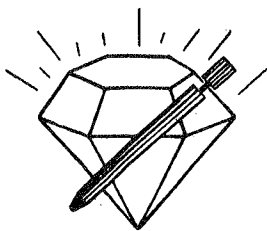


DS#2 3968-3522 Lani B/D outside Log. 3519



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	1701	1701
(B) First Initial Flow Pressure.....	22	22
(C) First Final Flow Pressure	30	30
(D) Initial Closed-in Pressure	1153	1153
(E) Second Initial Flow Pressure	28	28
(F) Second Final Flow Pressure.....	38	38
(G) Final Closed-in Pressure.....	1273	1273
(H) Final Hydrostatic Mud	1653	1653



DIAMOND TESTING
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Company L. D. Drilling, Inc. Lease & Well No. K U Endowment Assn No. 1
Elevation 1826 KB Formation Viola Effective Pay -- Ft. Ticket No. P042
Date 6-7-09 Sec. 29 Twp. 24S Range 11W County Stafford State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky
Formation Test No. 3 Interval Tested from 3,876 ft. to 3,883 ft. Total Depth 3,883 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) 3,859 ft. Recorder Number 30035 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,880 ft. Recorder Number 13387 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor Duke Drilling Company, Inc. - Rig 8 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
Weight 8.8 Water Loss 11.2 cc. Drill Pipe Length 3,844 ft. I.D. 3 1/2 in.
Chlorides 11,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number 1 Anchor Length 7 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 5 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 1 min. No blow back during shut-in.
Recovered 1,625 ft. of gas in pipe
Recovered 10 ft. of gas & heavy oil cut watery mud = .142300 bbls. (Grind out: 2%-gas; 25%-oil; 23%-water; 50%-mud)
Recovered 60 ft. of gas & oil cut muddy water = .853800 bbls. (Grind out: 2%-gas; 10%-oil; 40%-mud; 48%-water)
Recovered 70 ft. of TOTAL FLUID = .996100 bbls.
Recovered ft. of
Remarks Tool Sample Grind Out: 2%-gas; 48%-mud; 50%-water

Time Set Packer(s) 6:32 A.M. Time Started Off Bottom 9:32 A.M. Maximum Temperature 117°
Initial Hydrostatic Pressure (A) 1997 P.S.I.
Initial Flow Period Minutes 30 (B) 21 P.S.I. to (C) 35 P.S.I.
Initial Closed In Period Minutes 45 (D) 287 P.S.I.
Final Flow Period Minutes 45 (E) 35 P.S.I. to (F) 52 P.S.I.
Final Closed In Period Minutes 60 (G) 297 P.S.I.
Final Hydrostatic Pressure (H) 1980 P.S.I.

GENERAL INFORMATION

Client Information:

Company: LD DRLG. CO.

Contact: LD DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: KU #1

Operator: LD DRLG. CO.

Location-Downhole: DST #3 VIOLA 3876-3883

Location-Surface: SEC 29 / 24 S / 11 W

Test Information:

Company: DIAMOND TESTING

Representative: PAUL

Supervisor: KIM SHOEMAKER

Test Type: Drill Stem Test

Job Number: P042

Test Unit: NO. 1

Start Date: 2009/06/07

Start Time: 04:40:00

End Date: 2009/06/07

End Time: 11:30:00

Report Date: 2009/06/07

Prepared By: PAUL

Remarks:

Qualified By: KIM

RECOVERED: 1625 GIP

10 FT. OF GHOCWM 2%G / 23%W / 25%O / 50%M

60 FT. OF GOCMW 2%G / 10%O / 40%M / 48%W

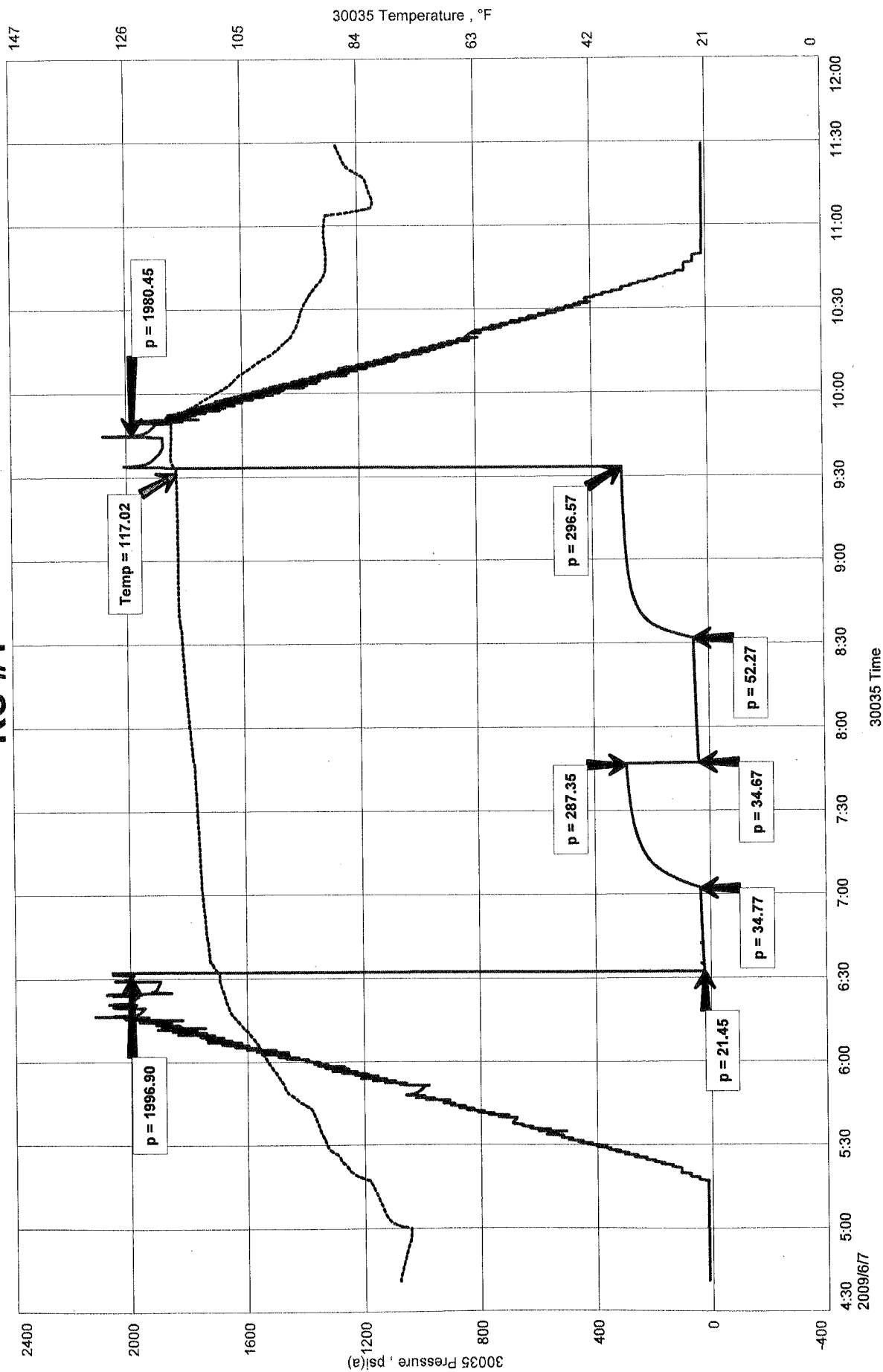
TOOL SMPL: 2%G / 48%M / 50%W

70 FT. OF FLUID TOTAL

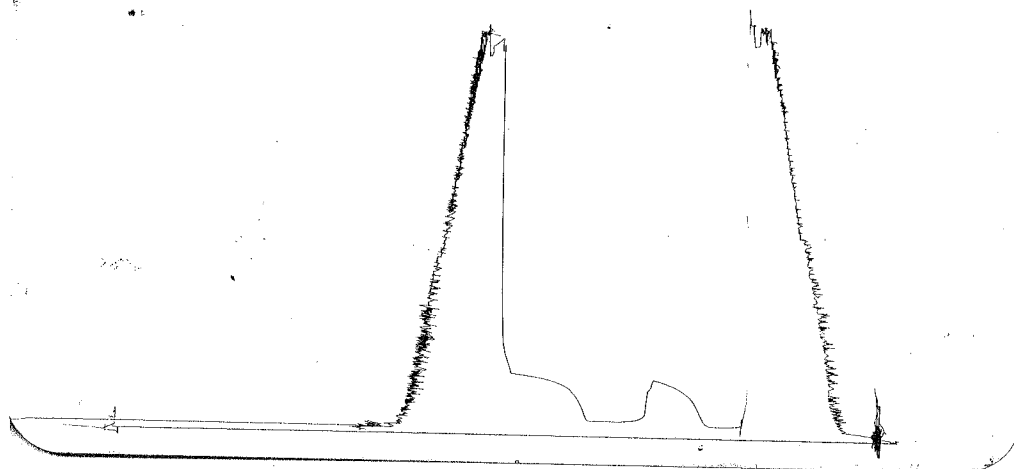
KU #1
 Formation: DST#3 VIOLA 3876-3883
 Job Number: P042

LD DRLG. CO.
 DST #3 VIOLA 3876-3883
 Start Test Date: 2009/06/07
 Final Test Date: 2009/06/07

KU #1

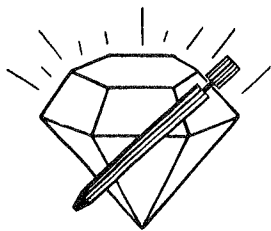


Dst #3 Viola 3876-3883 outside LOG 3880



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1997	1997
(B) First Initial Flow Pressure.....	21	21
(C) First Final Flow Pressure	35	35
(D) Initial Closed-in Pressure	287	287
(E) Second Initial Flow Pressure	35	35
(F) Second Final Flow Pressure.....	52	52
(G) Final Closed-in Pressure.....	297	297
(H) Final Hydrostatic Mud	1980	1980



DIAMOND TESTING

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STC 30035.D043

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Company L. D. Drilling, Inc. Lease & Well No. K U Endowment Assn No. 1

Elevation 1826 KB Formation Viola Effective Pay -- Ft. Ticket No. P043

Date 6-7-09 Sec. 29 Twp. 24S Range 11W County Stafford State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Paul Schilowsky

Formation Test No. 4 Interval Tested from 3,880 ft. to 3,893 ft. Total Depth 3,893 ft.

Packer Depth 3,875 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,880 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,863 ft. Recorder Number 30035 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,890 ft. Recorder Number 13387 Cap. 3,900 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Company, Inc. - Rig 8 Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.6 Water Loss 17.6 cc. Drill Pipe Length 3,848 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 13 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 2 1/2 mins. No blow back during shut-in.

2nd Open: Off bottom of bucket instantly. Weak surface blow back during shut-in.

Recovered 3,720 ft. of gas in pipe

Recovered 125 ft. of gas & oil cut muddy water = 1.778750 bbls. (Grind out: 2%-gas; 15%-oil; 25%-mud; 58%-water)

Recovered 125 ft. of TOTAL FLUID = 1.778750 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-gas; 10%-oil; 15%-mud; 73%-water

Gas to surface. Too small to gauge.

Time Set Packer(s) 6:40 XXM. P.M. Time Started Off Bottom 9:40 XXM. P.M. Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 1907 P.S.I.

Initial Flow Period Minutes 30 (B) 44 P.S.I. to (C) 59 P.S.I.

Initial Closed In Period Minutes 45 (D) 307 P.S.I.

Final Flow Period Minutes 45 (E) 56 P.S.I. to (F) 81 P.S.I.

Final Closed In Period Minutes 60 (G) 325 P.S.I.

Final Hydrostatic Pressure (H) 1896 P.S.I.

GENERAL INFORMATION

Client Information:

Company: LD DRLG. CO.

Contact: LD DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

Well Information:

Name: KU #1

Operator: LD DRLG. CO.

Location-Downhole: DST #4 VIOLA 3880-3893

Location-Surface: SEC 29 / 24 S / 11 W

Test Information:

Company: DIAMOND TESTING

Representative: PAUL

Supervisor: KIM SHOEMAKER

Test Type: Drill Stem Test Job Number: P043

Test Unit: NO. 1

Start Date: 2009/06/07 Start Time: 16:53:00

End Date: 2009/06/08 End Time: 12:26:00

Report Date: 2009/06/08 Prepared By: PAUL

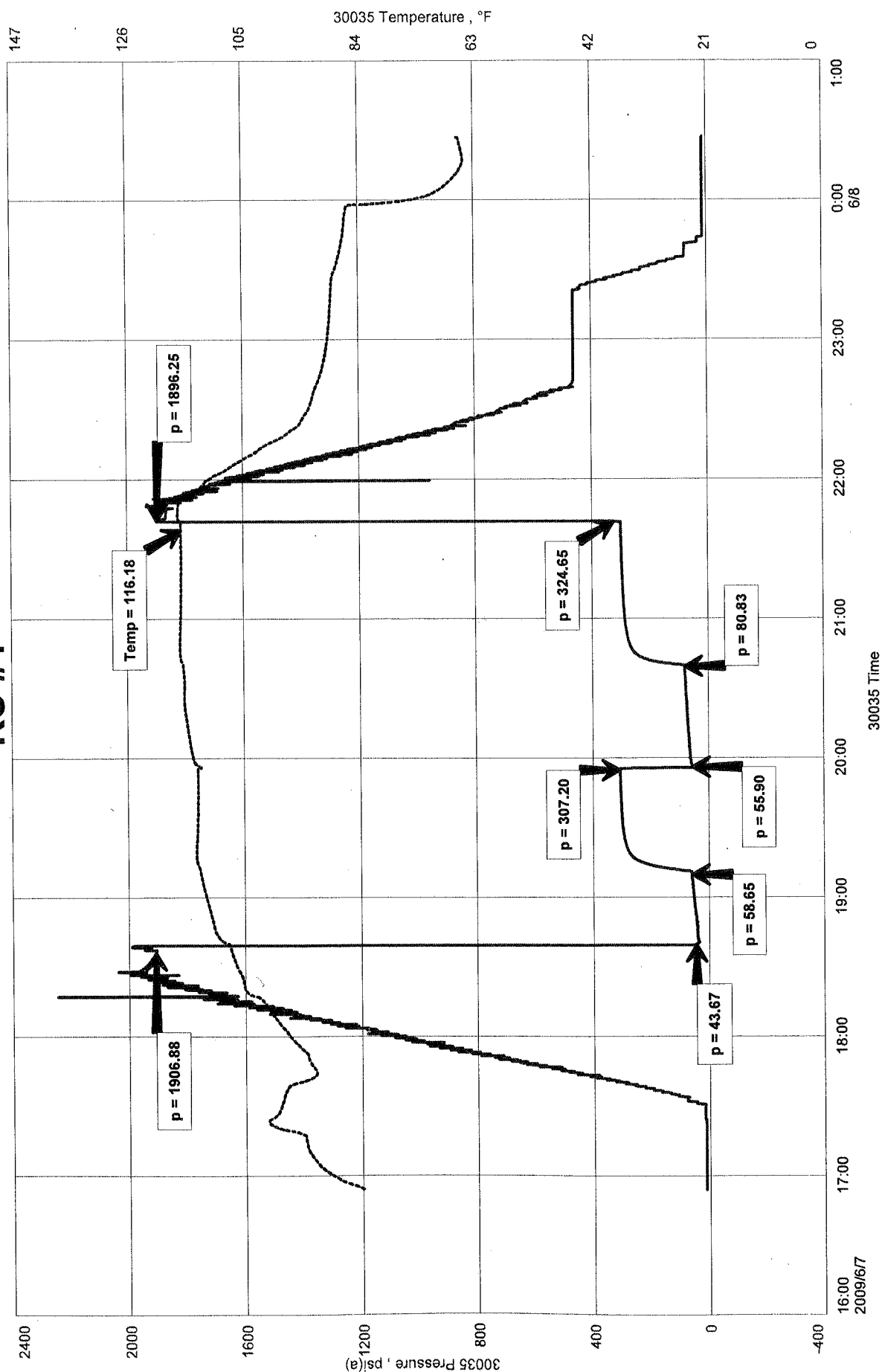
Remarks: Qualified By: KIM

RECOVERED: 3720' GIP GAS TO SURFACE TO SMALL TO GAUGE
125' GOCMW 2% G / 15% O / 25% M / 58 % W
TOOL SMPL: 2%G / 10% O / 15% M / 73% W
125' OF FLUID TOTAL

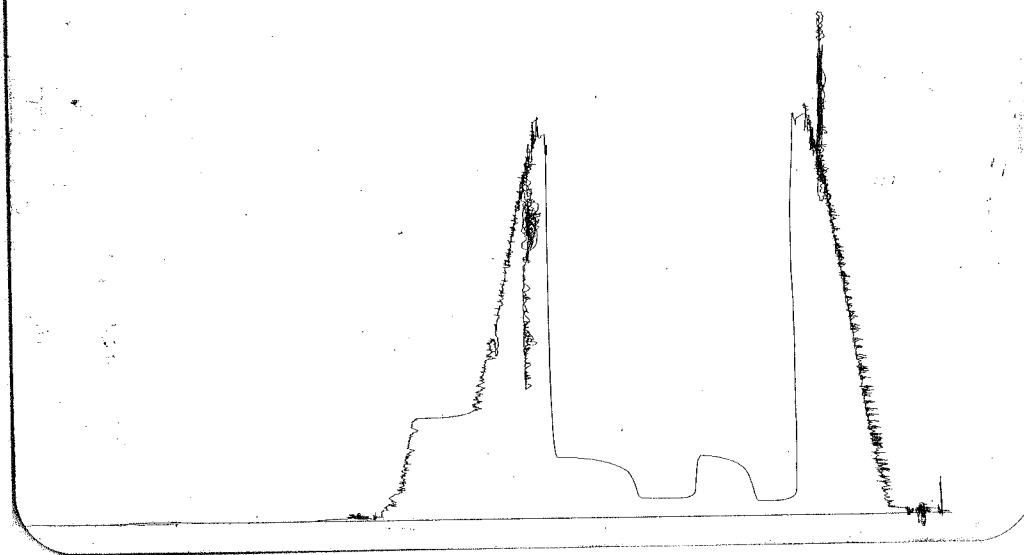
KU #1
Formation: DST#4 VIOLA 3880-3893
Job Number: P043

LD DRLG. CO.
DST #4 VIOLA 3880-3893
Start Test Date: 2009/06/07
Final Test Date: 2009/06/08

KU #1



DST #4 Viola 3880-3893 outside Log. 3890



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1907	1907
(B) First Initial Flow Pressure	44	44
(C) First Final Flow Pressure	59	59
(D) Initial Closed-in Pressure	307	307
(E) Second Initial Flow Pressure	56	56
(F) Second Final Flow Pressure	81	81
(G) Final Closed-in Pressure	325	325
(H) Final Hydrostatic Mud	1896	1896