15-009-24749

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

ORIGINAL

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

Elevation 1854 KB Formation Chase Effective Pay -- Ft. Ticket No. J1325

Date 1-26-03 Sec. 12 Twp. 18S Range 14W County Barton State Kansas

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

Formation Test No. 1 Interval Tested from 1,618 ft. to 1,711 ft. Total Depth 1,711 ft.

Packer Depth 1,613 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 1,618 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 1,621 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 1,708 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Drill Collar Length 180 ft. I.D. 2 1/4 in.

Mud Type Not mudded up yet No properties Viscosity -- Weight Pipe Length -- ft. I.D. -- in.

Weight taken Water Loss -- cc. Drill Pipe Length 1,418 ft. I.D. 3 1/2 in.

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

Jars: Make Bowen Serial Number Not Run Anchor Length 93 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 5 mins.
2nd Open: Did not run.

Recovered 5 ft. of drilling mud = .024600 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Mud spotted on bottom before coming out for test.

Time Set Packer(s) 2:50 ~~A.M.~~ P.M. Time Started Off Bottom 3:20 ~~A.M.~~ P.M. Maximum Temperature 67°

Initial Hydrostatic Pressure ..... (A) 801 P.S.I.

Initial Flow Period ..... Minutes 15 (B) 12 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period ..... Minutes 15 (D) 44 P.S.I.

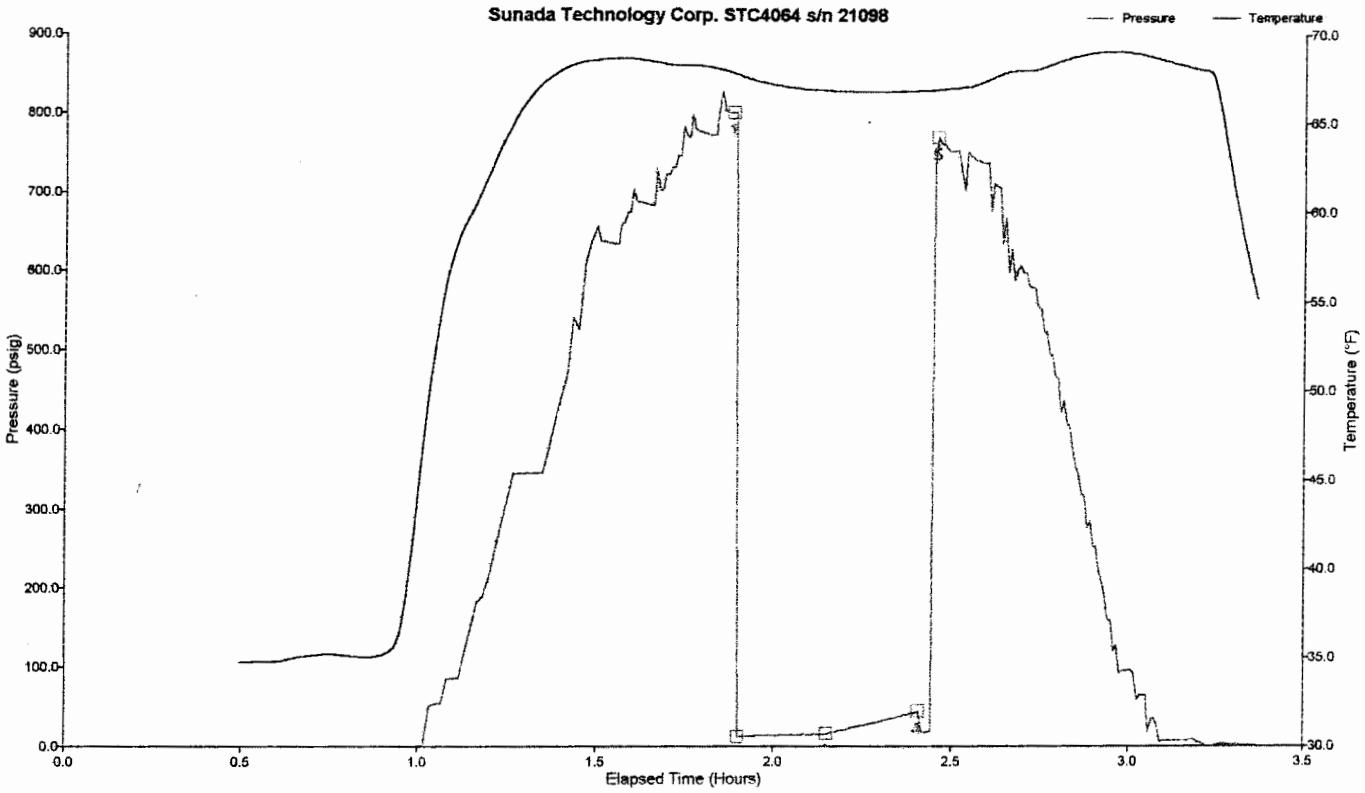
Final Flow Period ..... Minutes -- (E) -- P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure ..... (H) 771 P.S.I.

Well LSD: DST 1 CHASE 1618-1711
Well Name: DON 1
Company: L D DRILLING INC
Battery on: Jan 26, 2003 at 13:00:00
Notes: REC. 5' DRILLING MUD

ORIGINAL



Tag	Pressure	Temperature	Comment
1	801.42 psig	67.86 °F	2003-01-26 14:53:00
2	12.14 psig	67.73 °F	2003-01-26 14:54:00
3	16.19 psig	66.88 °F	2003-01-26 15:09:00
4	44.26 psig	66.87 °F	2003-01-26 15:24:30
5	770.59 psig	66.94 °F	2003-01-26 15:27:30

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

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

Elevation 1854 KB Formation Topeka/Oread Effective Pay -- Ft. Ticket No. J1326

Date 1-29-03 Sec. 12 Twp. 18S Range 14W County Barton State Kansas

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

Formation Test No. 2 Interval Tested from 2,972 ft. to 2,984 ft. Total Depth 2,984 ft.

Packer Depth 2,967 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 2,972 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,975 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 2,981 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

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

Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 2,952 ft. I.D. 3 1/2 in.

Chlorides 3,900 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 12 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 4 ins.
2nd Open: Very weak blow. Dead in 20 mins.

Recovered 45 ft. of oil & water cut mud = .333000 bbls. (Grind out: 10%-oil; 15%-water; 75%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 12:40 ~~A~~M P.M. Time Started Off Bottom 3:40 ~~A~~M P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure ..... (A) 1431 P.S.I.

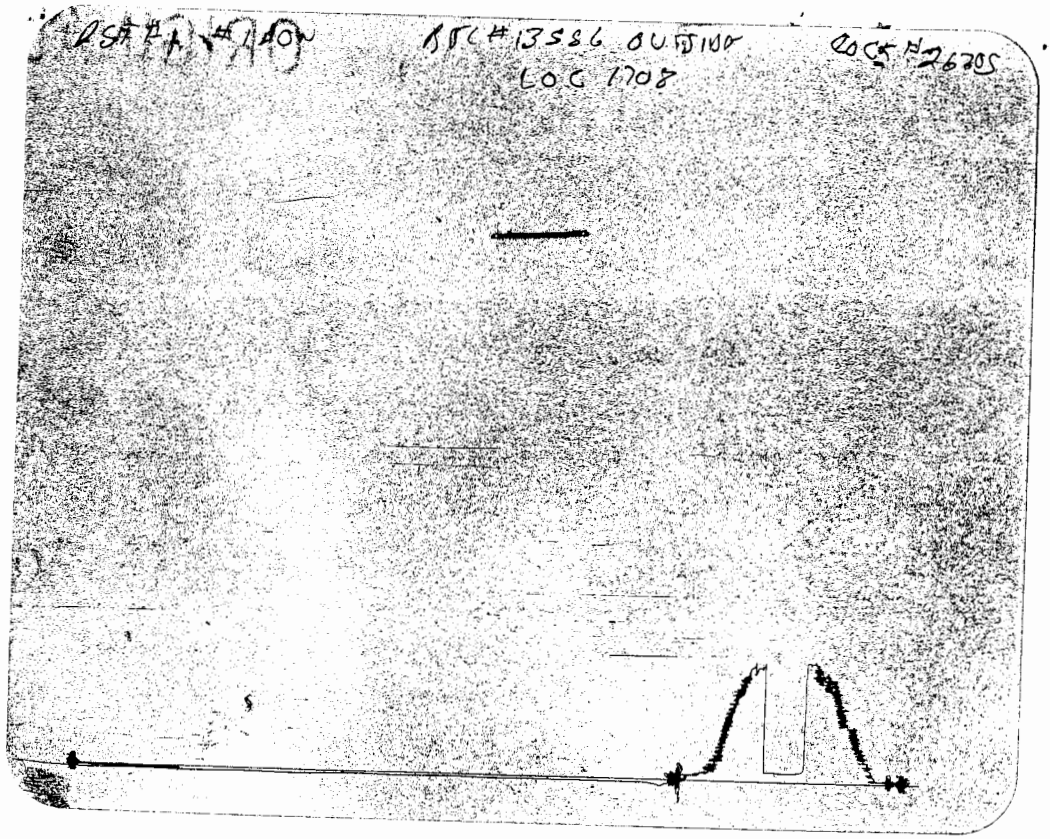
Initial Flow Period ..... Minutes 30 (B) 10 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1051 P.S.I.

Final Flow Period ..... Minutes 45 (E) 17 P.S.I. to (F) 20 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1231 P.S.I.

Final Hydrostatic Pressure ..... (H) 1411 P.S.I.



This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	801	801	PSI
(B)	First Initial Flow Pressure	12	12	PSI
(C)	First Final Flow Pressure	16	16	PSI
(D)	Initial Closed-in Pressure	44	44	PSI
(E)	Second Initial Flow Pressure	--	--	PSI
(F)	Second Final Flow Pressure	--	--	PSI
(G)	Final Closed-in Pressure	--	--	PSI
(H)	Final Hydrostatic Mud	771	771	PSI

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

FLUID SAMPLE DATA

Company L.D. Drilling, Inc.

Lease & Well No. Don No. 1

Date 1-29-03 Sec. 12 Twp. 18 S Range 14 W

Formation Test No. 2 Interval Tested From 2,972 ft. to 2,984 ft. Total Depth 2,984 ft.

Formation Topeka/Oread

	MUD PIT	RECOVERY
Viscosity	45 CP	47 CP
Weight	9.2	9.1
Water Loss	9.6 CC	25+ CC
PH Factor	11.0	9.0

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	2.60	@ 53	°F.	35,000 ppm
Recovery Mud	1.90	@ 55	°F.	4,300 ppm
Recovery Mud Filtrate	2.90	@ 55	°F.	32,000 ppm
Mud Pit Sample	1.80	@ 60	°F.	4,000 ppm
Mud Pit Sample Filtrate	1.80	@ 60	°F.	4,000 ppm

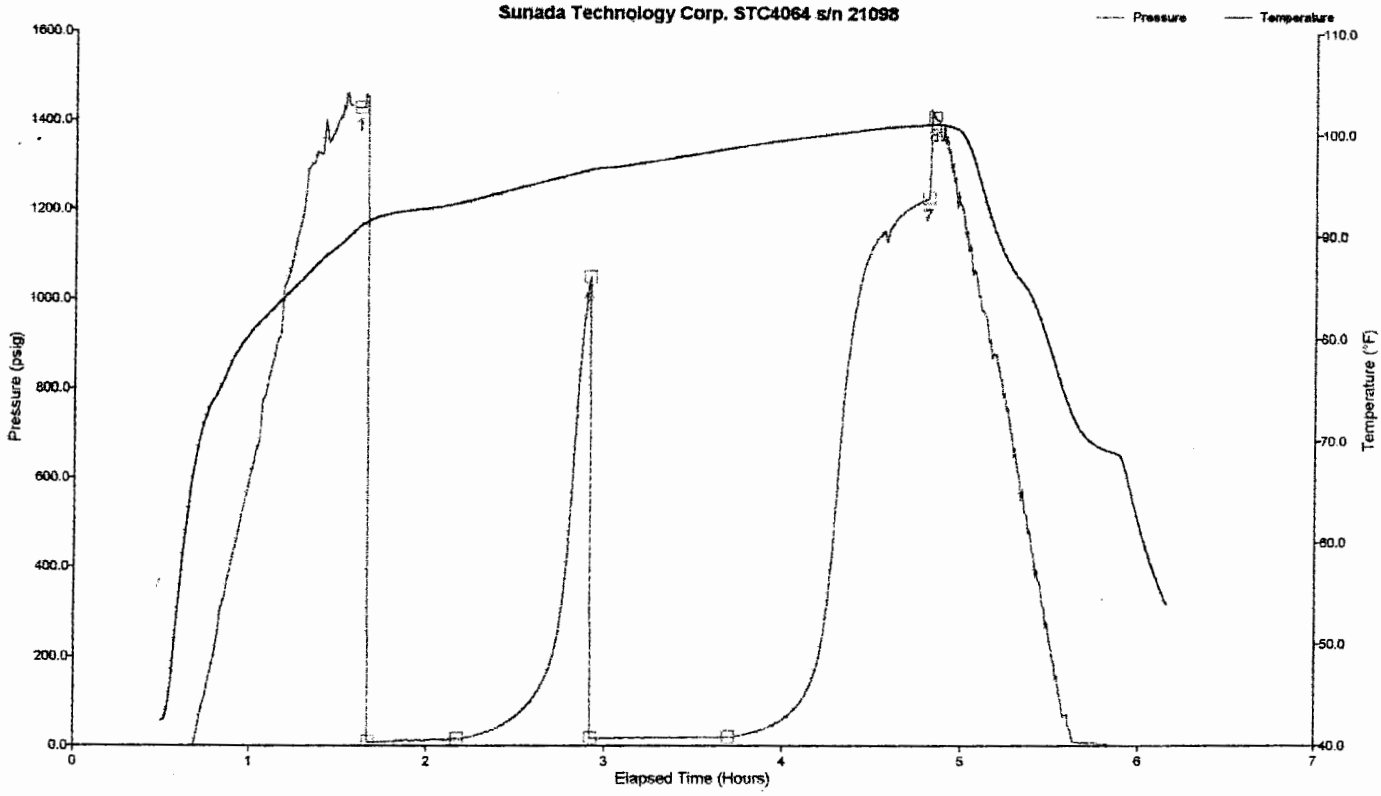
Sample Taken By JOHN C. RIEDL

Witness By Kim B. Shoemaker

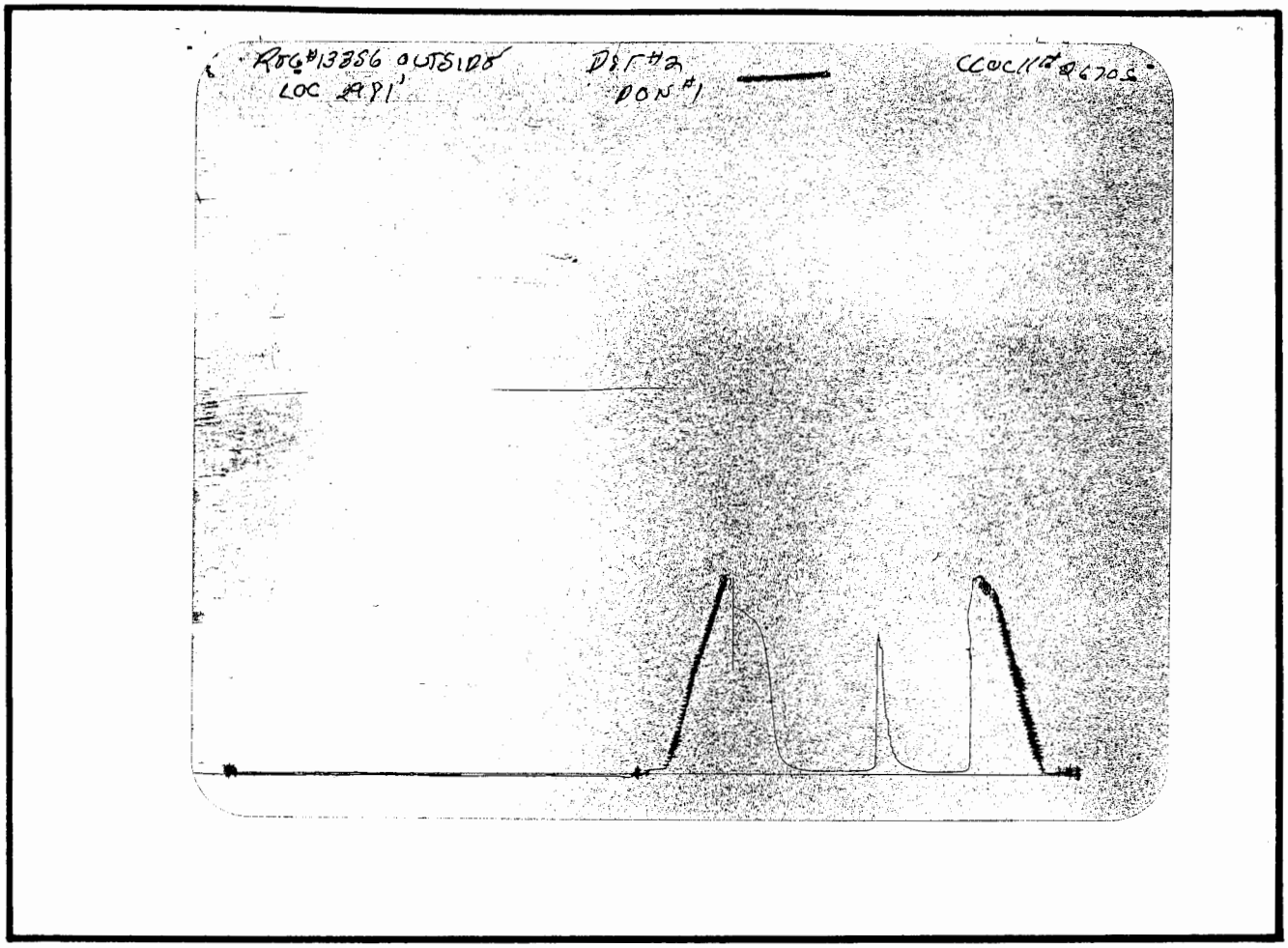
Remarks Pit filtrate triton dish chlorides were 3,900 Ppm
Recovery filtrate triton dish chlorides were 35,000 Ppm
Recovery water dish chlorides were 32,000 Ppm

Well LSD: DST 2 TOPEKA 2972-2984
Well Name: DON #1
Company: L D DRILLING INC
Battery on: Jan 29, 2003 at 11:00:00
Notes: REC. ~~45'~~ ~~O+WCM~~

ORIGINAL



Tag	Pressure	Temperature	Comment
1	1430.61 psig	91.01 °F	2003-01-29 12:37:00
2	9.66 psig	91.59 °F	2003-01-29 12:40:30
3	15.24 psig	93.28 °F	2003-01-29 13:10:30
4	1051.42 psig	96.61 °F	2003-01-29 13:54:30
5	17.33 psig	96.68 °F	2003-01-29 13:55:30
6	20.39 psig	98.74 °F	2003-01-29 14:42:00
7	1230.81 psig	101.10 °F	2003-01-29 15:48:30
8	1411.44 psig	101.13 °F	2003-01-29 15:50:30



This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1431	1431	PSI
(B)	First Initial Flow Pressure	10	10	PSI
(C)	First Final Flow Pressure	15	15	PSI
(D)	Initial Closed-in Pressure	1051	1051	PSI
(E)	Second Initial Flow Pressure	17	17	PSI
(F)	Second Final Flow Pressure	20	20	PSI
(G)	Final Closed-in Pressure	1231	1231	PSI
(H)	Final Hydrostatic Mud	1411	1411	PSI

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

ORIGINAL

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

Elevation 1854 KB Formation Lansing/Kansas City ("A"-"D" Zones) Effective Pay -- Ft. Ticket No. J1327

Date 1-30-03 Sec. 12 Twp. 18S Range 14W County Barton State Kansas

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

Formation Test No. 3 Interval Tested from 3,112 ft. to 3,160 ft. Total Depth 3,160 ft.

Packer Depth 3,107 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,112 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,115 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,157 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 3,092 ft. I.D. 3 1/2 in.

Chlorides 4,300 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 48 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 ins.

2nd Open: Weak, 1 in., blow.

Recovered 45 ft. of gas in pipe

Recovered 15 ft. of oil specked slightly gas cut mud = .111000 bbls.

Recovered 15 ft. of TOTAL FLUID = .111000 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 8:35 A.M. Time Started Off Bottom 11:35 A.M. Maximum Temperature 98°

Initial Hydrostatic Pressure ..... (A) 1539 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 12 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 37 P.S.I.

Final Flow Period ..... Minutes 45 (E) 13 P.S.I. to (F) 15 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 32 P.S.I.

Final Hydrostatic Pressure ..... (H) 1524 P.S.I.

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

FLUID SAMPLE DATA

Company L.D. Drilling, Inc.

Lease & Well No. Don No. 1

Date 1-30-03 Sec. 12 Twp. 18 S Range 14 W

Formation Test No. 3 Interval Tested From 3,112 ft. to 3,160 ft. Total Depth 3,160 ft.

Formation Lansing/Kansas City ("A"-"D" Zones)

	MUD PIT	RECOVERY
Viscosity	47 CP	45 CP
Weight	9.2	9.1
Water Loss	12.0 CC	10.0 CC
PH Factor	10.5	10.5

	RESISTIVITY		CHLORIDE CONTENT
Recovery Water	-- @	-- °F.	-- ppm
Recovery Mud	1.60 @	60 °F.	4,500 ppm
Recovery Mud Filtrate	1.60 @	60 °F.	4,500 ppm
Mud Pit Sample	1.90 @	55 °F.	4,200 ppm
Mud Pit Sample Filtrate	1.90 @	55 °F.	4,200 ppm

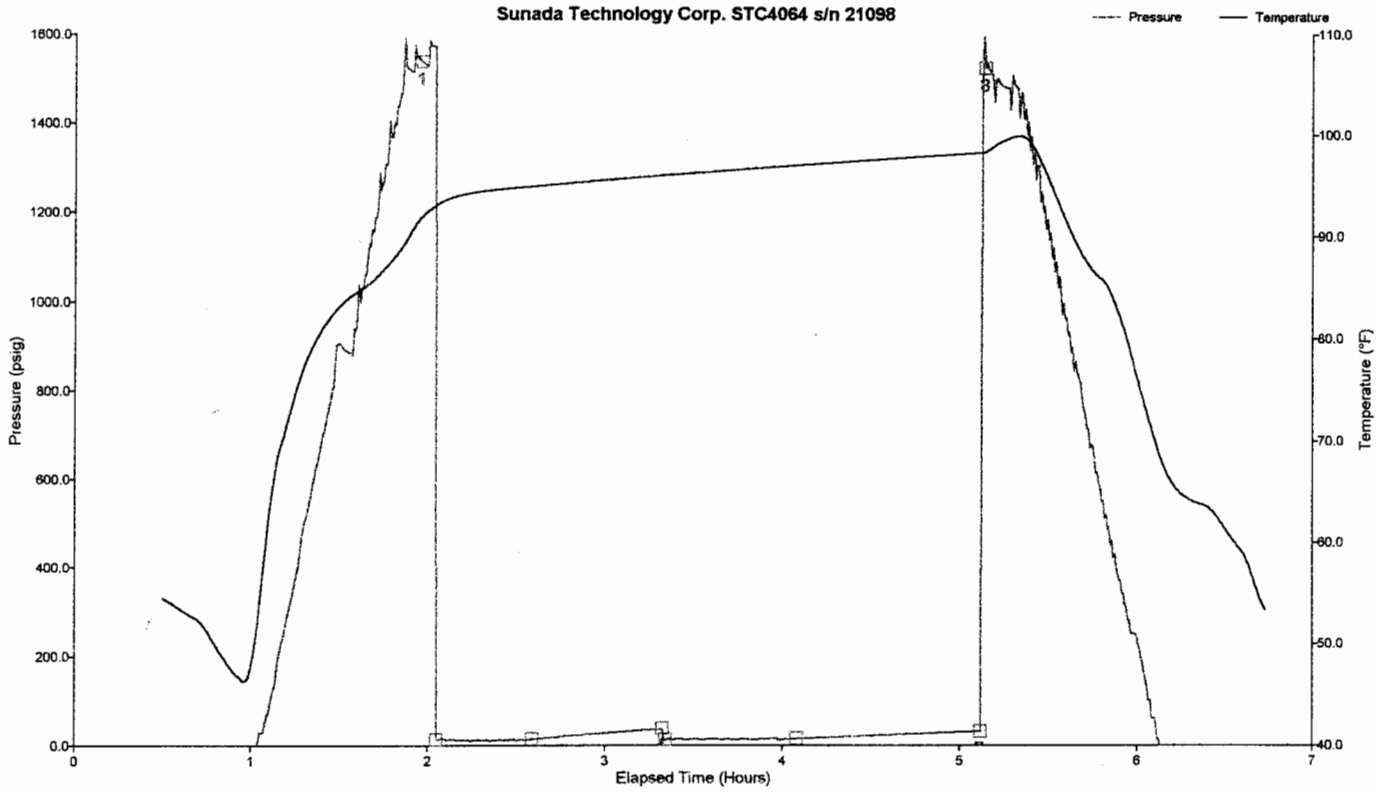
Sample Taken By JOHN C. RIEDL

Witness By Kim B. Shoemaker

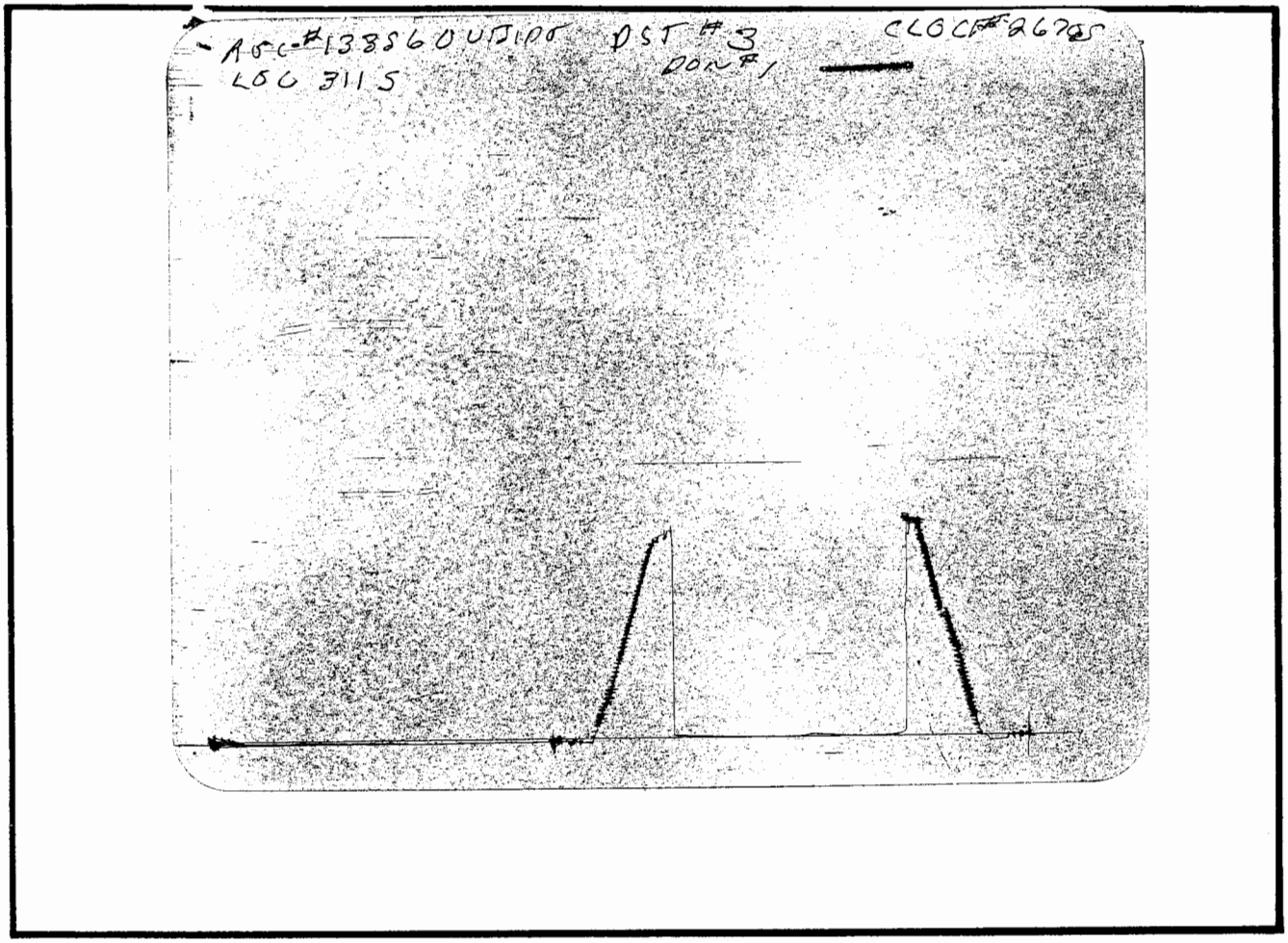
Remarks Pit filtrate triton dish chlorides were 4,300 Ppm
Recovery filtrate triton dish chlorides were 4,000 Ppm

Well LSD: DST 3 LKC A THRU D ZONES
Well Name: DON 1
Company: L D DRILLING INC
Battery on: Jan 30, 2003 at 06:30:00
Notes: REC. 45' GIP 15' OIL SGKED SLGCM

ORIGINAL



Tag	Pressure	Temperature	Comment
1	1538.68 psig	92.10 °F	2003-01-30 08:28:00
2	12.39 psig	93.26 °F	2003-01-30 08:33:00
3	14.14 psig	95.05 °F	2003-01-30 09:05:30
4	36.83 psig	96.11 °F	2003-01-30 09:49:30
5	13.07 psig	96.13 °F	2003-01-30 09:50:30
6	15.24 psig	97.11 °F	2003-01-30 10:35:00
7	31.59 psig	98.32 °F	2003-01-30 11:37:00
8	1523.72 psig	98.44 °F	2003-01-30 11:38:30



This is an actual photograph of recorder chart.

POINT		PRESSURE Elec. Field Reading	Office Reading	
(A)	Initial Hydrostatic Mud	1539	1539	PSI
(B)	First Initial Flow Pressure	12	12	PSI
(C)	First Final Flow Pressure	14	14	PSI
(D)	Initial Closed-in Pressure	37	37	PSI
(E)	Second Initial Flow Pressure	13	13	PSI
(F)	Second Final Flow Pressure	15	15	PSI
(G)	Final Closed-in Pressure	32	32	PSI
(H)	Final Hydrostatic Mud	1524	1524	PSI

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

ORIGINAL

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

Elevation 1854 KB Formation Lansing/Kansas City ("D"&"G" Zones) Effective Pay --Ft. Ticket No. J1328

Date 1-30-03 Sec. 12 Twp. 18S Range 14W County Barton State Kansas

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

Formation Test No. 4 Interval Tested from 3,158 ft. to 3,204 ft. Total Depth 3,204 ft.

Packer Depth 3,153 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,158 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,162 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,201 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

Mud Type Chemical Viscosity 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.2 Water Loss 11.0 cc. Drill Pipe Length 3,138 ft. I.D. 3 1/2 in.

Chlorides 4,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 46 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, ½ in., blow decreasing to a surface blow.
2nd Open: No blow.

Recovered 20 ft. of very slightly oil cut mud = .148000 bbls. (Grind out: 2%-oil; 98%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 11:35 ~~A.M.~~ P.M. Time Started Off Bottom 1:35 ~~P.M.~~ A.M. Maximum Temperature 96°

Initial Hydrostatic Pressure ..... (A) 1583 P.S.I.

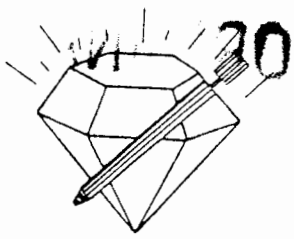
Initial Flow Period ..... Minutes 30 (B) 14 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 185 P.S.I.

Final Flow Period ..... Minutes 30 (E) 19 P.S.I. to (F) 20 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 71 P.S.I.

Final Hydrostatic Pressure ..... (H) 1534 P.S.I.



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

FLUID SAMPLE DATA

Company L.D. Drilling, Inc.

Lease & Well No. Don No. 1

Date 1-30-03 Sec. 12 Twp. 18 S Range 14 W

Formation Test No. 4 Interval Tested From 3,158 ft. to 3,204 ft. Total Depth 3,204 ft.

Formation Lansing/Kansas City ("D"&"G" Zones)

	MUD PIT	RECOVERY
Viscosity	47 CP	50 CP
Weight	9.2	9.3
Water Loss	11.0 CC	12.0 CC
PH Factor	10.5	10.5

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	--	@	-- °F.	-- ppm
Recovery Mud	1.80	@	55 °F.	4,200 ppm
Recovery Mud Filtrate	1.90	@	55 °F.	4,400 ppm
Mud Pit Sample	1.30	@	65 °F.	4,600 ppm
Mud Pit Sample Filtrate	1.50	@	65 °F.	4,300 ppm

Sample Taken By JOHN C. RIEDL

Witness By Kim B. Shoemaker

Remarks Pit filtrate triton dish chlorides were 4,500 Ppm
Recovery filtrate triton dish chlorides were 4,200 Ppm

Well LSD: DST #4 LKC D+G ZONES 3158-3204

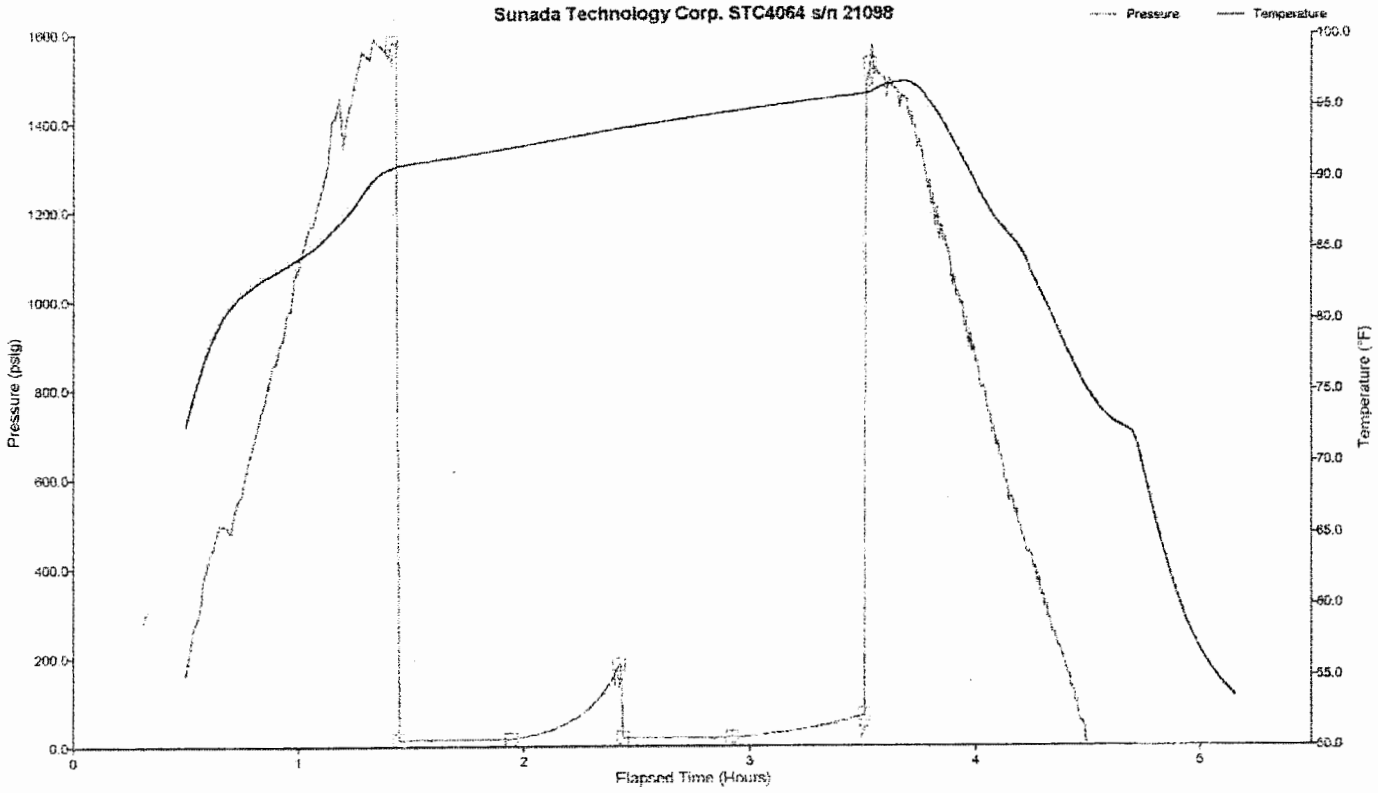
Well Name: DON 1

Company: L D DRILLING INC

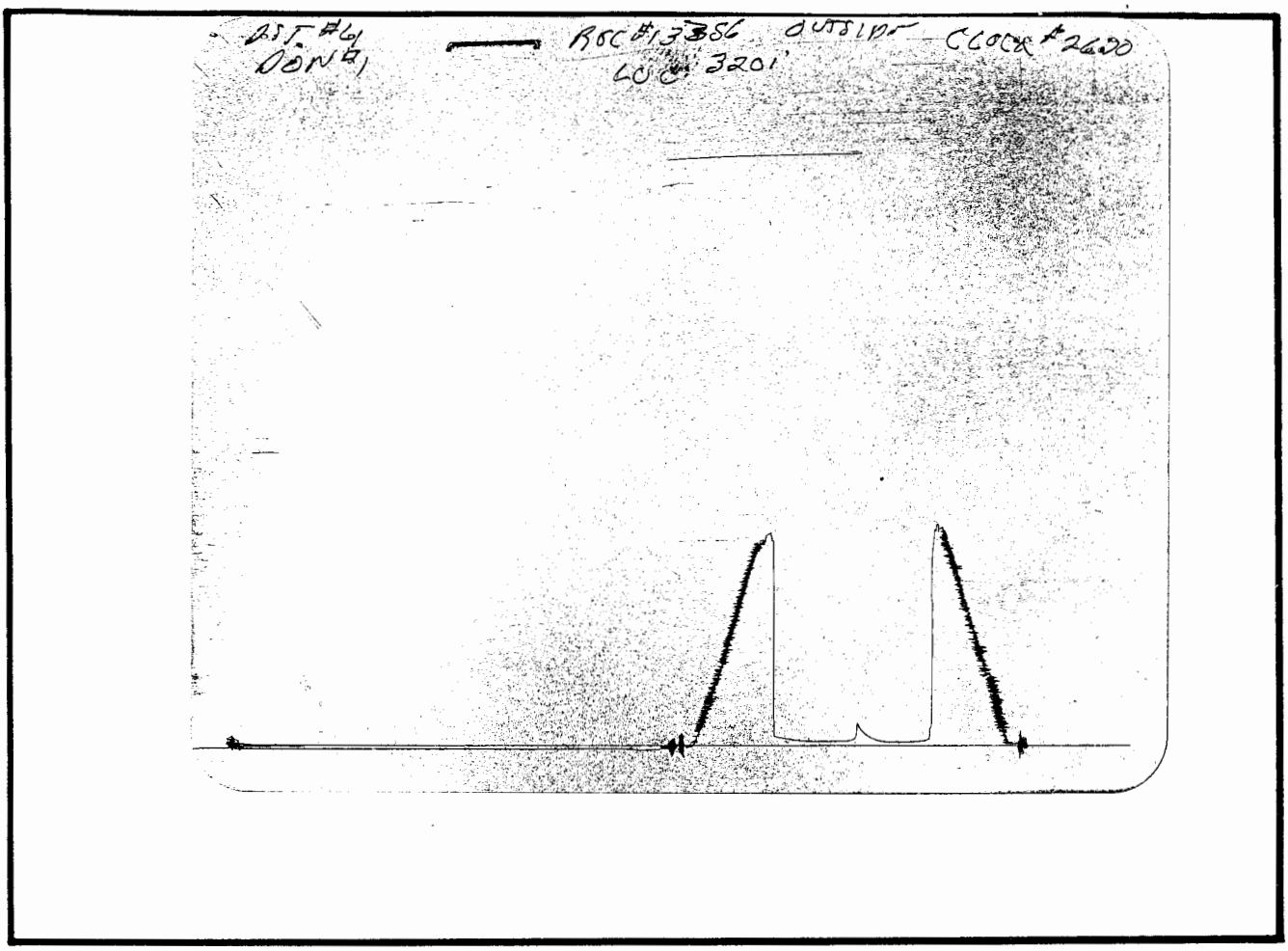
Battery on: Jan 30, 2003 at 22:10:00

Notes: REC. 20' VSLOCM

ORIGINAL



Tag	Pressure	Temperature	Comment
1	1583.25 psig	90.67 °F	2003-01-30 23:35:00
2	13.85 psig	90.85 °F	2003-01-30 23:37:00
3	16.34 psig	92.09 °F	2003-01-31 00:07:00
4	184.87 psig	93.41 °F	2003-01-31 00:35:30
5	19.00 psig	93.45 °F	2003-01-31 00:36:30
6	20.05 psig	94.61 °F	2003-01-31 01:05:30
7	70.76 psig	95.83 °F	2003-01-31 01:40:30
8	1533.52 psig	95.95 °F	2003-01-31 01:42:00



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Elec. Office Reading	
(A)	Initial Hydrostatic Mud	1583	1583	PSI
(B)	First Initial Flow Pressure	14	14	PSI
(C)	First Final Flow Pressure	16	16	PSI
(D)	Initial Closed-in Pressure	185	185	PSI
(E)	Second Initial Flow Pressure	19	19	PSI
(F)	Second Final Flow Pressure	20	20	PSI
(G)	Final Closed-in Pressure	71	71	PSI
(H)	Final Hydrostatic Mud	1534	1534	PSI

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

ORIGINAL

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

Elevation 1854 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J1329

Date 1-31-03 Sec. 12 Twp. 18S Range 14W County Barton State Kansas

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

Formation Test No. 5 Interval Tested from 3,308 ft. to 3,343 ft. Total Depth 3,343 ft.

Packer Depth 3,303 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,308 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,311 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,340 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

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

Mud Type Chemical Viscosity 43 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 14.0 cc. Drill Pipe Length 3,288 ft. I.D. 3 1/2 in.

Chlorides 6,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 35 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 slowly building to 9 ins.

2nd Open: Strong blow slowly building to 11 ins.

Recovered 320 ft. of gas in pipe

Recovered 40 ft. of slightly mud cut gassy oil = .296000 bbls. (Grind out: 15%-mud; 10%-gas; 75%-oil)

Recovered 40 ft. of TOTAL FLUID = .296000 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 7:12 ~~A.M.~~ P.M. Time Started Off Bottom 10:12 ~~A.M.~~ P.M. Maximum Temperature 101°

Initial Hydrostatic Pressure		(A) 1612 P.S.I.			
Initial Flow Period	Minutes 30	(B) 13 P.S.I.	to (C)	18 P.S.I.	
Initial Closed In Period	Minutes 45	(D) 729 P.S.I.			
Final Flow Period	Minutes 45	(E) 16 P.S.I.	to (F)	23 P.S.I.	
Final Closed In Period	Minutes 60	(G) 689 P.S.I.			
Final Hydrostatic Pressure		(H) 1535 P.S.I.			

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

FLUID SAMPLE DATA

Company L.D. Drilling, Inc.

Lease & Well No. Don No. 1

Date 1-31-03 Sec. 12 Twp. 18 S Range 14 W

Formation Test No. 5 Interval Tested From 3,308 ft. to 3,343 ft. Total Depth 3,343 ft.

Formation Arbuckle

	MUD PIT	RECOVERY	
Viscosity	43 CP	-- CP	TOO OILY
Weight	9.4	--	TO CHECK.
Water Loss	14.0 CC	-- CC	
PH Factor	10.5	--	

	RESISTIVITY			CHLORIDE CONTENT
Recovery Water	--	@ --	°F.	-- ppm
Recovery Mud	--	@ --	°F.	-- ppm
Recovery Mud Filtrate	--	@ --	°F.	-- ppm
Mud Pit Sample	1.20	@ 60	°F.	6,000 ppm
Mud Pit Sample Filtrate	1.10	@ 60	°F.	6,300 ppm

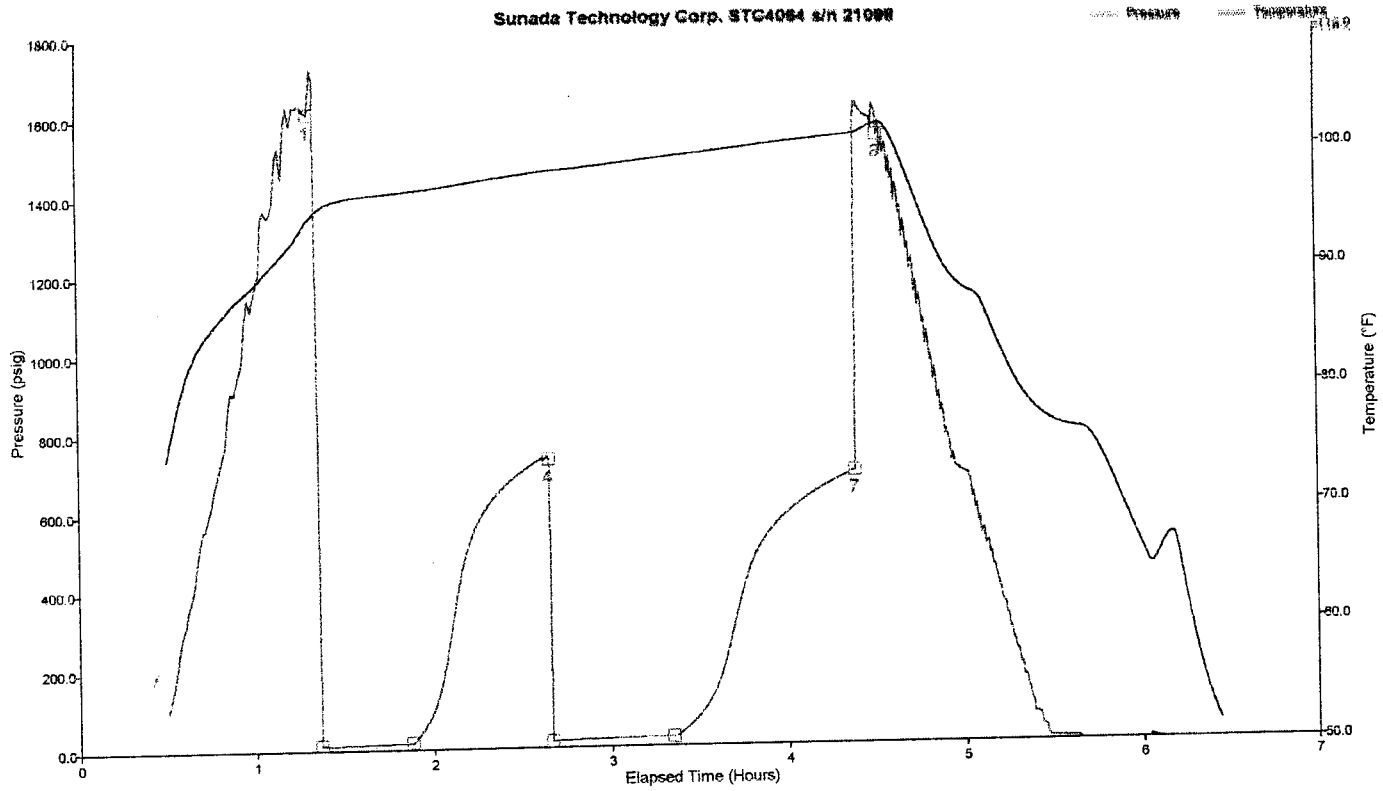
Sample Taken By JOHN C. RIEDL

Witness By Kim B. Shoemaker

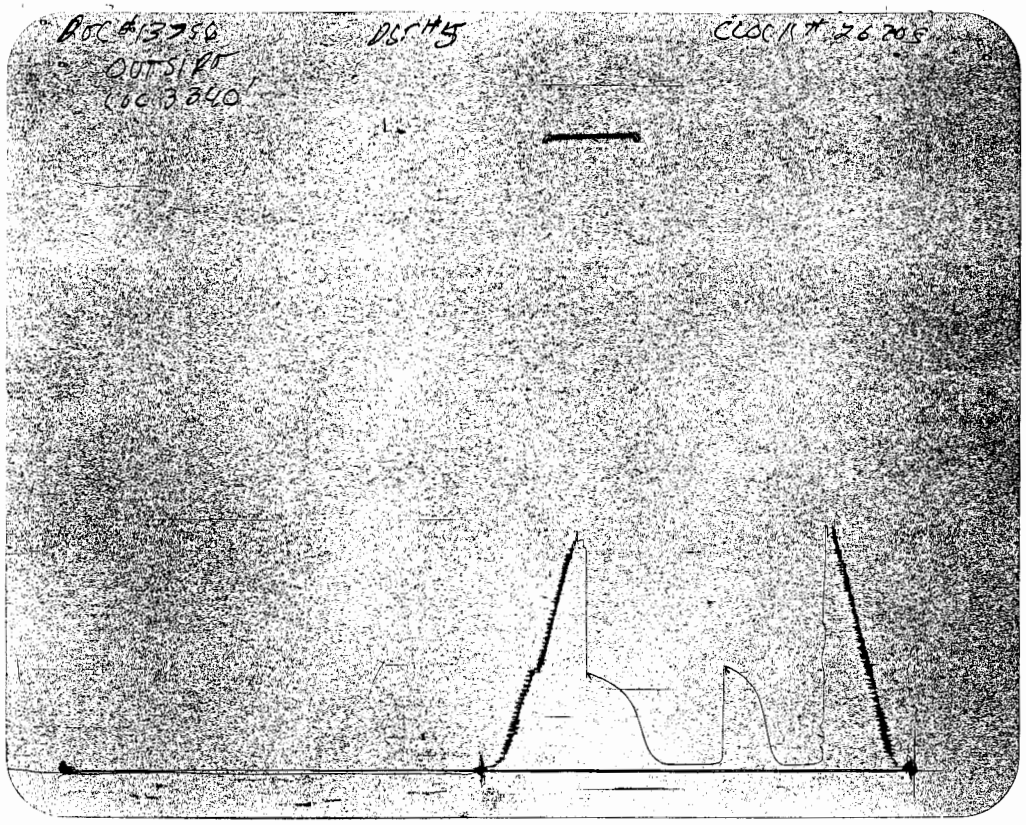
Remarks Pit filtrate triton dish chlorides were 6,500 Ppm

Well LSD: DST 5 ARBUCKLE 3308-3343
Well Name: DON 1
Company: L D DRILLING INC
Battery on: Jan 31, 2003 at 17:10:00
Notes: 320' GAS IN PIPE 40' SLMCO

ORIGINAL



Tag	Pressure	Temperature	Comment
1	1611.67 psig	94.94 °F	2003-01-31 18:29:00
2	13.19 psig	95.68 °F	2003-01-31 18:32:00
3	17.76 psig	97.09 °F	2003-01-31 19:03:00
4	728.83 psig	98.64 °F	2003-01-31 19:49:30
5	15.91 psig	98.65 °F	2003-01-31 19:50:00
6	23.40 psig	99.68 °F	2003-01-31 20:31:00
7	689.11 psig	101.33 °F	2003-01-31 21:33:00
8	1534.58 psig	102.20 °F	2003-01-31 21:41:30



This is an actual photograph of recorder chart.

POINT		PRESSURE Field Reading	Elec. Office Reading	
(A)	Initial Hydrostatic Mud	1612	1612	PSI
(B)	First Initial Flow Pressure	13	13	PSI
(C)	First Final Flow Pressure	18	18	PSI
(D)	Initial Closed-in Pressure	729	729	PSI
(E)	Second Initial Flow Pressure	16	16	PSI
(F)	Second Final Flow Pressure	23	23	PSI
(G)	Final Closed-in Pressure	689	689	PSI
(H)	Final Hydrostatic Mud	1535	1535	PSI