

15-155-21554

15-26s-10w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30037.D044

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Simon Farms, Inc. No. 1-15
Elevation 1751 KB Formation Lansing/Kansas City "M" Effective Pay -- Ft. Ticket No. R044
Date 1-25-10 Sec. 15 Twp. 26S Range 10W County Reno State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 1 Interval Tested from 3,832 ft. to 3,875 ft. Total Depth 3,875 ft.

Packer Depth 3,827 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,832 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,815 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,872 ft. Recorder Number 13387 Cap. 3,900 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 10 Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.0 Water Loss 8.0 cc. Drill Pipe Length 3,801 ft. I.D. 3 1/2 in.

Chlorides 3,800 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 43 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, surface blow. Died 8 mins. into open. No blow back during shut-in.

2nd Open: N/A

Recovered 2 ft. of mud = .028460 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: mud

Time Set Packer(s) 4:31 ~~AM~~ P.M. Time Started Off Bottom 5:31 ~~AM~~ P.M. Maximum Temperature 107°

Initial Hydrostatic Pressure (A) 1779 P.S.I.

Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 8 P.S.I.

Initial Closed In Period Minutes 30 (D) 24 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) 1773 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC

Contact

L.D.DAVIS

Well Name

SIMON FARMS, INC. # 1-15

Unique Well ID

DST # 1 LANS/KC "M" 3832-3875

Surface Location

SEC 15-26S-10W RENO COUNTY

Field

WILDCAT

Well Type

Vertical

Job Number

R044

Representative

RANDY WILLIAMS

Well Operator

L.D.DRILLING, INC

Report Date

2010/01/25

Prepared By

RANDY WILLIAMS

Test Information

Test Type

Drill Stem Test

Formation

DST # 1 LANS/KC "M" 3832-3875

Well Fluid Type

01 Oil

Test Purpose (AEUB)

Initial Test

Start Test Time

14:01:00

Final Test Time

19:15:00

Start Test Date

2010/01/25

Final Test Date

2010/01/25

Gauge Name

30037

Test Type Name

Test Results

RECOVERED: 2' MUD

TOTAL FLUID: 2'

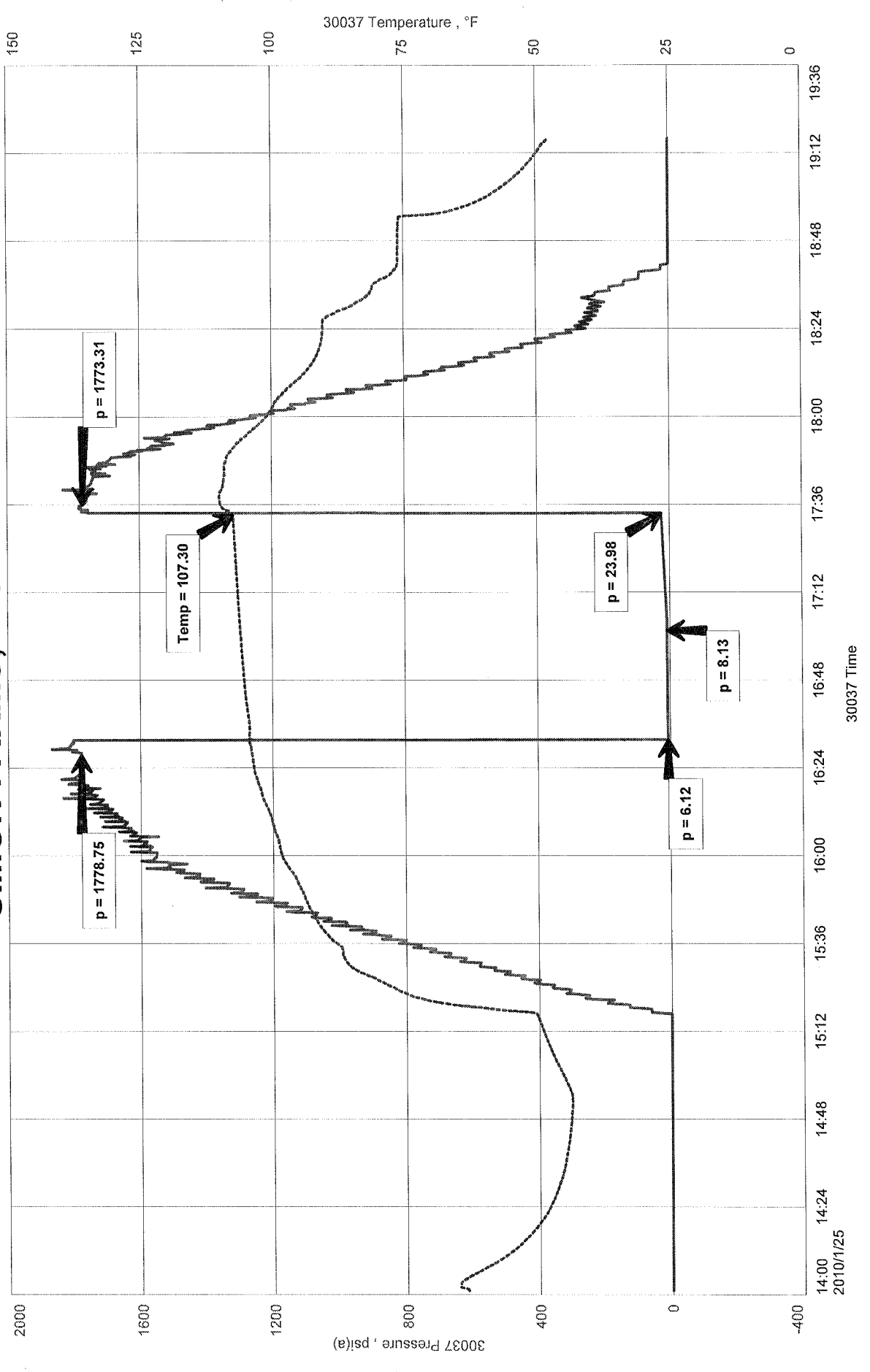
TOOL SAMPLE: MUD

L.D.DRILLING, INC
DST # 1 LANS/KC "M"
Start Test Date: 2010/01/25
Final Test Date: 2010/01/25

SIMON FARMS, INC. # 1-15
3832-3875
LANSE/KC "M"
Pool: WILDCAT
Job Number: R044

Formation: DST # 1

SIMON FARMS, INC. # 1-15

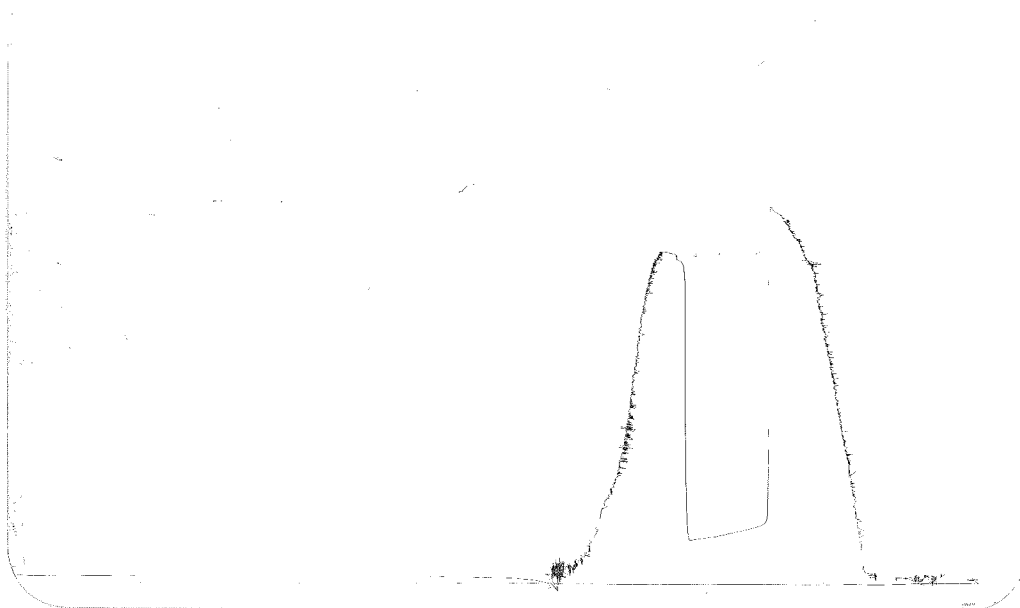


DST # 1 OUTSIDE # 13387

LANE/KC "M"

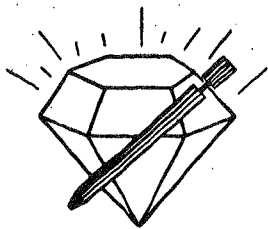
3882-3875

LOC-3872



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading
	Field Reading		
(A) Initial Hydrostatic Mud	1779	1779	PSI
(B) First Initial Flow Pressure.....	6	6	PSI
(C) First Final Flow Pressure	8	8	PSI
(D) Initial Closed-in Pressure	24	24	PSI
(E) Second Initial Flow Pressure	--	--	PSI
(F) Second Final Flow Pressure.....	--	--	PSI
(G) Final Closed-in Pressure.....	--	--	PSI
(H) Final Hydrostatic Mud	1773	1773	PSI



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STC 30037.D045

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Simon Farms, Inc. No. 1-15
Elevation 1751 KB Formation Mississippi Effective Pay -- Ft. Ticket No. R045
Date 1-26-10 Sec. 15 Twp. 26S Range 10W County Reno State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 2 Interval Tested from 3,941 ft. to 4,010 ft. Total Depth 4,010 ft.

Packer Depth 3,936 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,941 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,924 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,007 ft. Recorder Number 13387 Cap. 3,900 psi

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

Drilling Contractor Duke Drilling Co., Inc. - Rig 10 Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.1 Water Loss 12.0 cc. Drill Pipe Length 3,910 ft. I.D. 3 1/2 in.

Chlorides 8,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 38' 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 blow, building to 9 ins. in 30 mins. No blow back during shut-in.

2nd Open: Weak blow, building to 6 1/2 ins. in 45 mins. No blow back during shut-in.

Recovered 165 ft. of gas in pipe

Recovered 45 ft. of gassy mud = .640350 bbls. (Grind out: 3%-gas; 97%-mud)

Recovered 45 ft. of TOTAL FLUID = .640350 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 3%-gas; 97%-mud

Time Set Packer(s) 9:58 A.M. Time Started Off Bottom 12:58 P.M. Maximum Temperature 117°

Initial Hydrostatic Pressure (A) 1795 P.S.I.

Initial Flow Period Minutes 30 (B) 12 P.S.I. to (C) 18 P.S.I.

Initial Closed In Period Minutes 45 (D) 128 P.S.I.

Final Flow Period Minutes 45 (E) 20 P.S.I. to (F) 25 P.S.I.

Final Closed In Period Minutes 60 (G) 104 P.S.I.

Final Hydrostatic Pressure (H) 1782 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC

Contact	L.D.DAVIS
Well Name	SIMON FARMS, INC. # 1-15
Unique Well ID	DST # 2 MISSISSIPPI 3941-4010
Surface Location	SEC 15-26S-10W RENO COUNTY
Field	WILDCAT
Well Type	Vertical
Job Number	R045
Representative	RANDY WILLIAMS
Well Operator	L.D.DRILLING, INC
Report Date	2010/01/26
Prepared By	RANDY WILLIAMS

Test Information

Test Type	Drill Stem Test
Formation	DST # 2 MISSISSIPPI 3941-4010
Well Fluid Type	01 Oil
Test Purpose (AEUB)	Initial Test

Start Test Time	07:40:00
Final Test Time	15:29:00

Start Test Date	2010/01/26
Final Test Date	2010/01/26

Gauge Name	30037
Test Type Name	

Test Results

RECOVERED: 165', GAS IN PIPE
45', GM, 3% GAS, 97% MUD

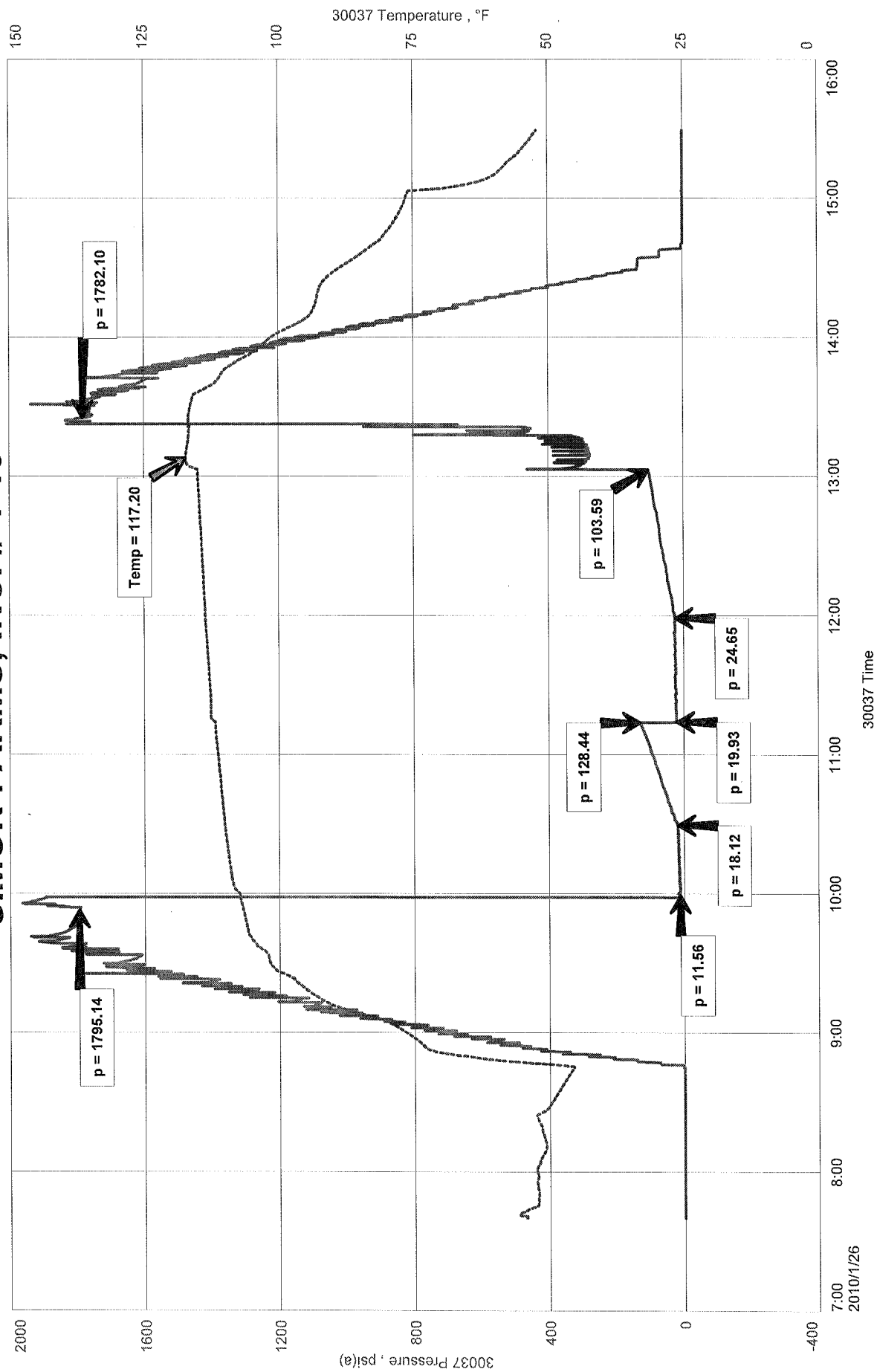
TOTAL FLUID: 45'

TOOL SAMPLE: 3% GAS, 97% MUD

L.D.DRILLING, INC
DST # 2 MISSISSIPPI 3941-4010
Start Test Date: 2010/01/26
Final Test Date: 2010/01/26

SIMON FARMS, INC. # 1-15
Formation: DST # 2 MISSISSIPPI 3941-4010
Pool: WILDCAT
Job Number: R045

SIMON FARMS, INC. # 1-15

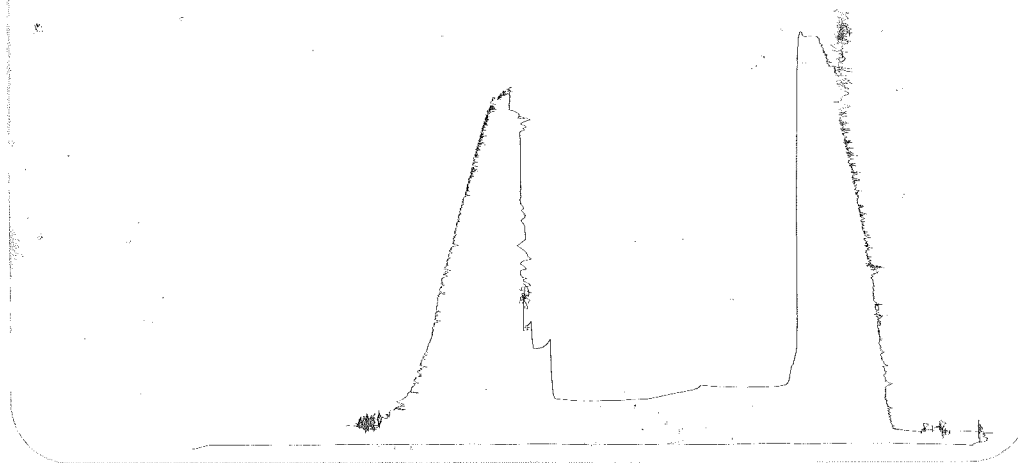


DST#2 OUTSIDE #13387

MISSISSIPPI

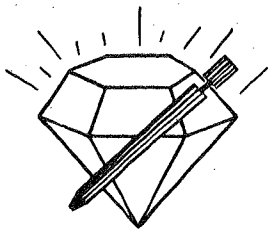
*3941-4010

LOC 4007



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A)	Initial Hydrostatic Mud	1795	1795	PSI
(B)	First Initial Flow Pressure.....	12	12	PSI
(C)	First Final Flow Pressure	18	18	PSI
(D)	Initial Closed-in Pressure	128	128	PSI
(E)	Second Initial Flow Pressure	20	20	PSI
(F)	Second Final Flow Pressure.....	25	25	PSI
(G)	Final Closed-in Pressure.....	104	104	PSI
(H)	Final Hydrostatic Mud.....	1782	1782	PSI



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STC 30037.D046

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Company L. D. Drilling, Inc. Lease & Well No. Simon Farms, Inc. No. 1-15

Elevation 1751 KB Formation Viola Effective Pay -- Ft. Ticket No. R046

Date 1-27-10 Sec. 15 Twp. 26S Range 10W County Reno State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative Randy Williams

Formation Test No. 3 Interval Tested from 4,230 ft. to 4,258 ft. Total Depth 4,258 ft.

Packer Depth 4,225 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,230 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,213 ft. Recorder Number 30037 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,255 ft. Recorder Number 13387 Cap. 3,900 psi

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

Drilling Contractor Duke Drilling Co., Inc. - Rig 10 Drill Collar Length -- ft. I.D. -- in.

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

Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 4,199 ft. I.D. 3 1/2 in.

Chlorides 6,000 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 1 Anchor Length 28 ft. Size 4 1/2 - FH in.

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

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

Blow: 1st Open: Weak, 1 in., blow. Died 27 mins. into open. No blow back during shut-in.

2nd Open: Weak, surface blow. After 10 mins. of open, came out of hole.

Recovered 20 ft. of mud = .284600 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: mud

Tool slid 9 ft.

Time Set Packer(s) 2:02 ~~AM~~ P.M. Time Started Off Bottom 3:12 ~~AM~~ P.M. Maximum Temperature 117°

Initial Hydrostatic Pressure (A) 1982 P.S.I.

Initial Flow Period Minutes 30 (B) 15 P.S.I. to (C) 17 P.S.I.

Initial Closed In Period Minutes 30 (D) 887 P.S.I.

Final Flow Period Minutes 10 (E) 17 P.S.I. to (F) -- P.S.I.

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

Final Hydrostatic Pressure (H) 1976 P.S.I.

DIAMOND TESTING

Page 2 of 2 Pages
Drill Test Report

General Information

Company Name L.D.DRILLING, INC

Contact L.D.DAVIS
Well Name SIMON FARMS, INC. # 1-15
Unique Well ID DST # 3 VIOLA 4230-4258
Surface Location SEC 15-26S-10W RENO COUNTY
Field WILDCAT
Well Type Vertical

Job Number R046
Representative RANDY WILLIAMS
Well Operator L.D.DRILLING, INC
Report Date 2010/01/27
Prepared By RANDY WILLIAMS

Test Information

Test Type Drill Stem Test
Formation DST # 3 VIOLA 4230-4258
Well Fluid Type 01 Oil
Test Purpose (AEUB) Initial Test

Start Test Time 12:11:00
Final Test Time 17:08:00

Start Test Date 2010/01/27
Final Test Date 2010/01/27

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 20' MUD

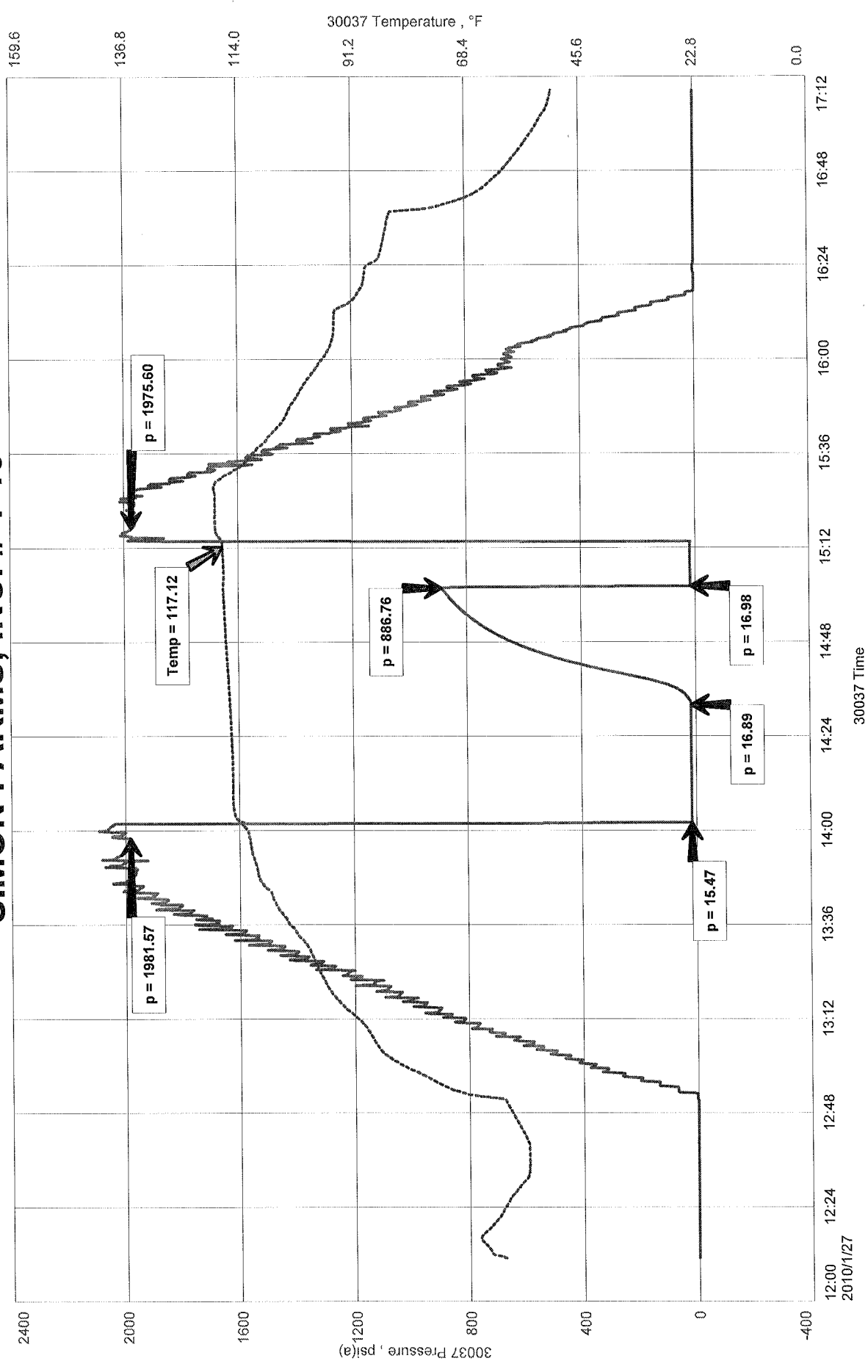
TOTAL FLUID: 20'

TOOL SAMPLE: MUD

L.D. DRILLING, INC
DST # 3 VIOLA 4230-4258
Start Test Date: 2010/01/27
Final Test Date: 2010/01/27

SIMON FARMS, INC. # 1-15
Formation: DST # 3 VIOLA 4230-4258
Pool: WILDCAT
Job Number: R046

SIMON FARMS, INC. # 1-15



DST#3 OUTSIDE #1338V

VIOLA

4230-4258

LOC-4255



This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1982	1982
(B) First Initial Flow Pressure.....	15	15
(C) First Final Flow Pressure	17	17
(D) Initial Closed-in Pressure	887	887
(E) Second Initial Flow Pressure.....	17	17
(F) Second Final Flow Pressure.....	--	--
(G) Final Closed-in Pressure.....	--	--
(H) Final Hydrostatic Mud	1976	1976