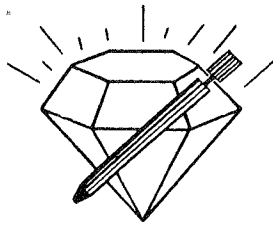


15-135-24356

7-18s-22w



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21083.D82

Company Mull Drilling Co., Inc. Lease & Well No. Stenzel-Funk No. 1-7
 Elevation 2253 KB Formation Cherokee Sand Effective Pay -- Ft. Ticket No. J1672
 Date 5-27-05 Sec. 7 Twp. 18S Range 22W County Ness State Kansas
 Test Approved By Kevin Kessler Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,170 ft. to 4,225 ft. Total Depth 4,225 ft.
 Packer Depth 4,165 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,170 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

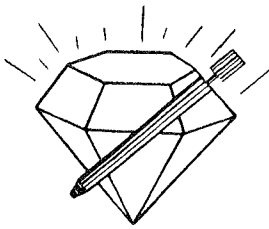
Top Recorder Depth (Inside) 4,173 ft. Recorder Number 21083 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 4,222 ft. Recorder Number 11017 Cap. 3,900 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.
 Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.1 Water Loss 11.2 cc. Drill Pipe Length 4,144 ft. I.D. 3 1/2 in.
 Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Bars: Make Bowen Serial Number No. 2 Anchor Length 55 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 8 mins.
2nd Open: Weak blow. Dead in 1 min. Flushed tool & received a weak surge.

Recovered 10 ft. of drilling mud = .142000 bbls. (Grind out: 100%-mud with a show of oil in tool)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks

Time Set Packer(s)	<u>5:00</u>	AM P.M.	Time Started Off Bottom	<u>7:10</u>	AM P.M.	Maximum Temperature	<u>113°</u>
Initial Hydrostatic Pressure	(A)	<u>2073</u>			P.S.I.		
Initial Flow Period	Minutes	<u>10</u>	(B)	<u>26</u>	P.S.I. to (C)	<u>28</u>	P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>408</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>27</u>	P.S.I. to (F)	<u>28</u>	P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>383</u>	P.S.I.		
Final Hydrostatic Pressure	(H)	<u>1987</u>			P.S.I.		



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Page 2 of 3 Pages

FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.
Lease & Well No. Stenzel-Funk No. 1-7
Date 5-27-05 Sec. 7 Twp. 18 S Range 22 W
Formation Test No. 1 Interval Tested From 4,170 ft. to 4,225 ft. Total Depth 4,225 ft.
Formation Cherokee Sand

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>49</u> CP	<u>46</u> CP
Weight	<u>9.1</u>	<u>9.0</u>
Water Loss	<u>11.2</u> CC	<u>10.0</u> CC
PH Factor	<u>10.5</u>	<u>10.0</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Recovery Mud Filtrate	<u>1.20 @ 60 °F.</u>	<u>6,000 ppm</u>
Mud Pit Sample	<u>-- @ -- °F.</u>	<u>-- ppm</u>
Mud Pit Sample Filtrate	<u>1.20 @ 70 °F.</u>	<u>5,100 ppm</u>

Sample Taken By JOHN C. RIEDL

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 5,000 Ppm
Recovery filtrate triton dish chlorides were 5,500 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: STENZEL-FUNK #1-7

Operator: MULL DRILLING INC CO

Location-Downhole: DST #1 4170-4225

Location-Surface: S7/18S/22W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL Job Number: D82

Test Unit: 2

Start Date: 2005/05/27 Start Time: 15:17:00

End Date: 2005/05/27 End Time: 21:00:00

Report Date: 2005/05/27 Prepared By: JOHN RIEDL

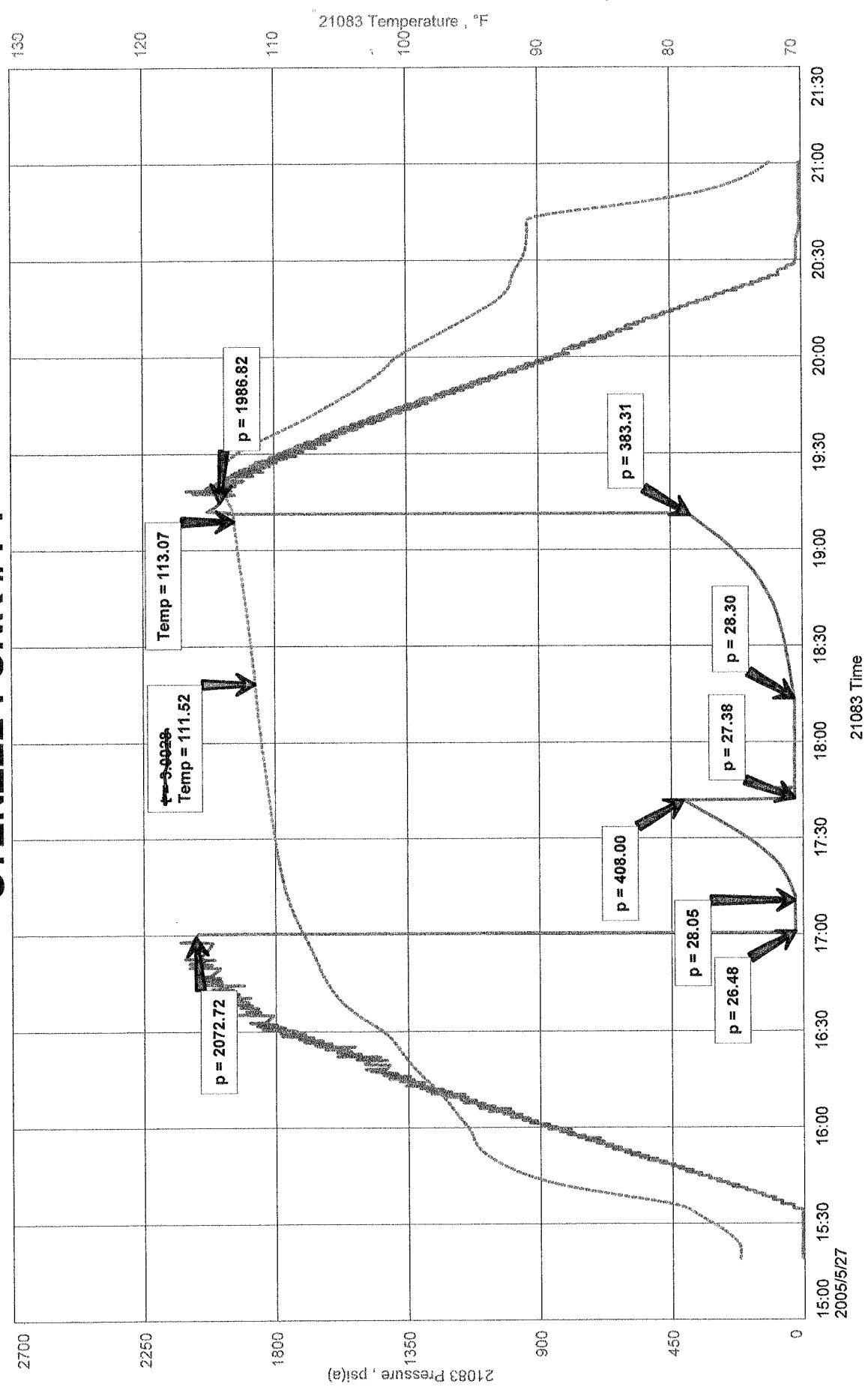
Remarks: Qualified By: KEVIN KESSLER

RECOVERY: 10' DRILLING MUD WITH SHOW OF OIL IN TOOL

MULL DRILLING INC
DST #1 4170-4225
Start Test Date: 2005/05/27
Final Test Date: 2005/05/27

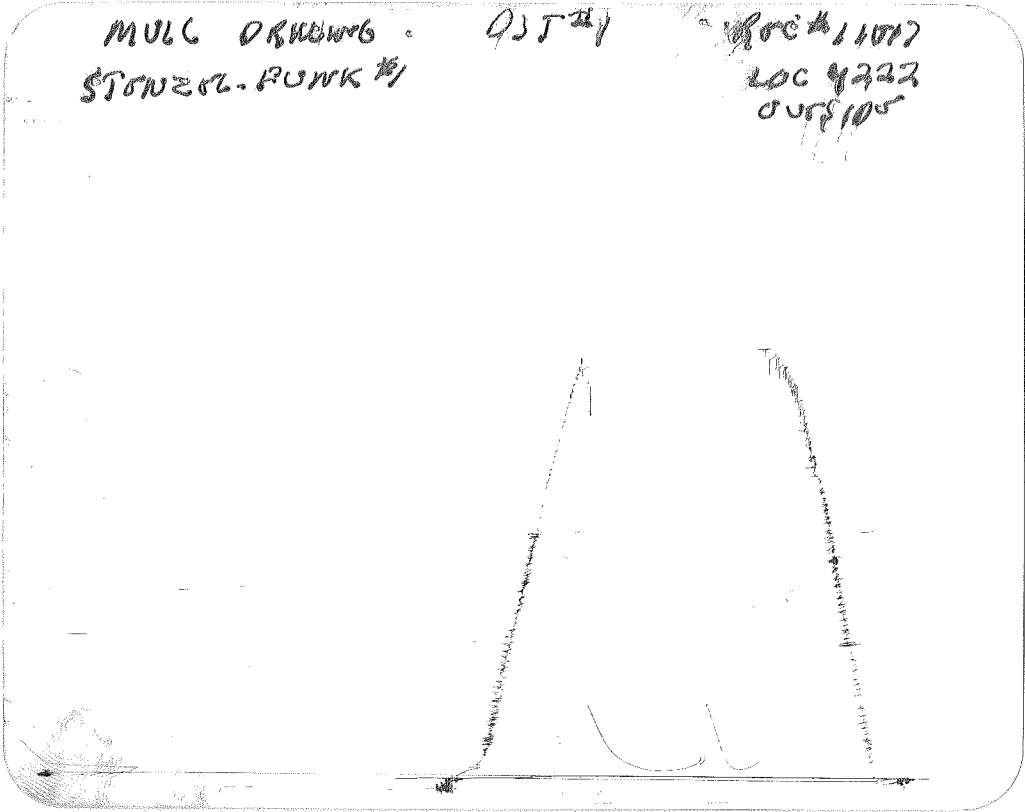
STENZEL-FUNK #1-7
Formation: CONGLOMERATE SAND
Job Number: 082

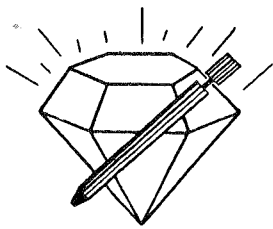
STENZEL-FUNK #1-7



MULL DRAWING . QJ #1
STONER. PUNK #1

LOC #11017
LOC 4222
OUT 105





DIAMOND TESTING
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STC 21083.D83

Company Mull Drilling Co., Inc. Lease & Well No. Stenzel-Funk No. 1-7
Elevation 2253 KB Formation Mississippi Effective Pay -- Ft. Ticket No. J1673
Date 5-28-05 Sec. 7 Twp. 18S Range 22W County Ness State Kansas
Test Approved By Kevin Kessler Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,169 ft. to 4,241 ft. Total Depth 4,241 ft.
Packer Depth 4,164 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,169 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

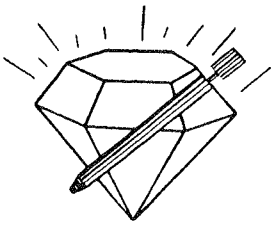
Top Recorder Depth (Inside) 4,172 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,238 ft. Recorder Number 11017 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 62 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 11.2 cc. Drill Pipe Length 4,143 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Bars: Make Bowen Serial Number No. 2 Anchor Length 72 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. Built to 1 in. in 20 mins. & remained there throughout.
2nd Open: Fair blow. Built to 3 ins. in 10 mins. & remained there throughout.

Recovered 150 ft. of gas in pipe
Recovered 30 ft. of clean gassy oil = .426000 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 39 @ 60°
Recovered 125 ft. of slightly gas cut oily mud = 1.775000 bbls. (Grind out: 10%-gas; 20%-oil; 70%-mud)
Recovered 155 ft. of TOTAL FLUID = 2.201000 bbls.
Recovered ft. of
Remarks

Time Set Packer(s)	<u>7:20</u>	P.M.	A.M.	Time Started Off Bottom	<u>11:50</u>	P.M.	A.M.	Maximum Temperature	<u>115°</u>
Initial Hydrostatic Pressure (A)		<u>2091</u>	P.S.I.					
Initial Flow Period	Minutes	<u>45</u>	(B)	<u>31</u>	P.S.I. to (C)	<u>57</u>	P.S.I.		
Initial Closed In Period	Minutes	<u>90</u>	(D)	<u>1308</u>	P.S.I.				
Final Flow Period	Minutes	<u>45</u>	(E)	<u>58</u>	P.S.I. to (F)	<u>90</u>	P.S.I.		
Final Closed In Period	Minutes	<u>90</u>	(G)	<u>1307</u>	P.S.I.				
Final Hydrostatic Pressure (H)		<u>2015</u>	P.S.I.					



DIAMOND TESTING
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FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.
Lease & Well No. Stenzel-Funk No. 1-7
Date 5-28-05 Sec. 7 Twp. 18 S Range 22 W
Formation Test No. 2 Interval Tested From 4,169 ft. to 4,241 ft. Total Depth 4,241 ft.
Formation Mississippi

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>62</u> CP	<u>--</u> CP
Weight	<u>9.2</u>	<u>--</u>
Water Loss	<u>11.2</u> CC	<u>--</u> CC
PH Factor	<u>9.5</u>	<u>--</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>-- @ -- °F.</u>	<u>--</u> ppm
Recovery Mud	<u>.90 @ 68 °F.</u>	<u>7,500</u> ppm
Recovery Mud Filtrate	<u>-- @ -- °F.</u>	<u>--</u> ppm
Mud Pit Sample	<u>-- @ -- °F.</u>	<u>--</u> ppm
Mud Pit Sample Filtrate	<u>.90 @ 65 °F.</u>	<u>7,200</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 8,000 Ppm
Recovery filtrate triton dish chlorides were 8,000 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING INC CO

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: STENZEL-FUNK #1-7

Operator: MULL DRILLING INC

Location-Downhole: DST #2 4169-4241

Location-Surface: S7/18S/22W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL Job Number: D83

Test Unit: 2

Start Date: 2005/05/28 Start Time: 05:40:00

End Date: 2005/05/28 End Time: 14:05:00

Report Date: 2005/05/28 Prepared By: JOHN RIEDL

Qualified By: KEVIN KESSLER

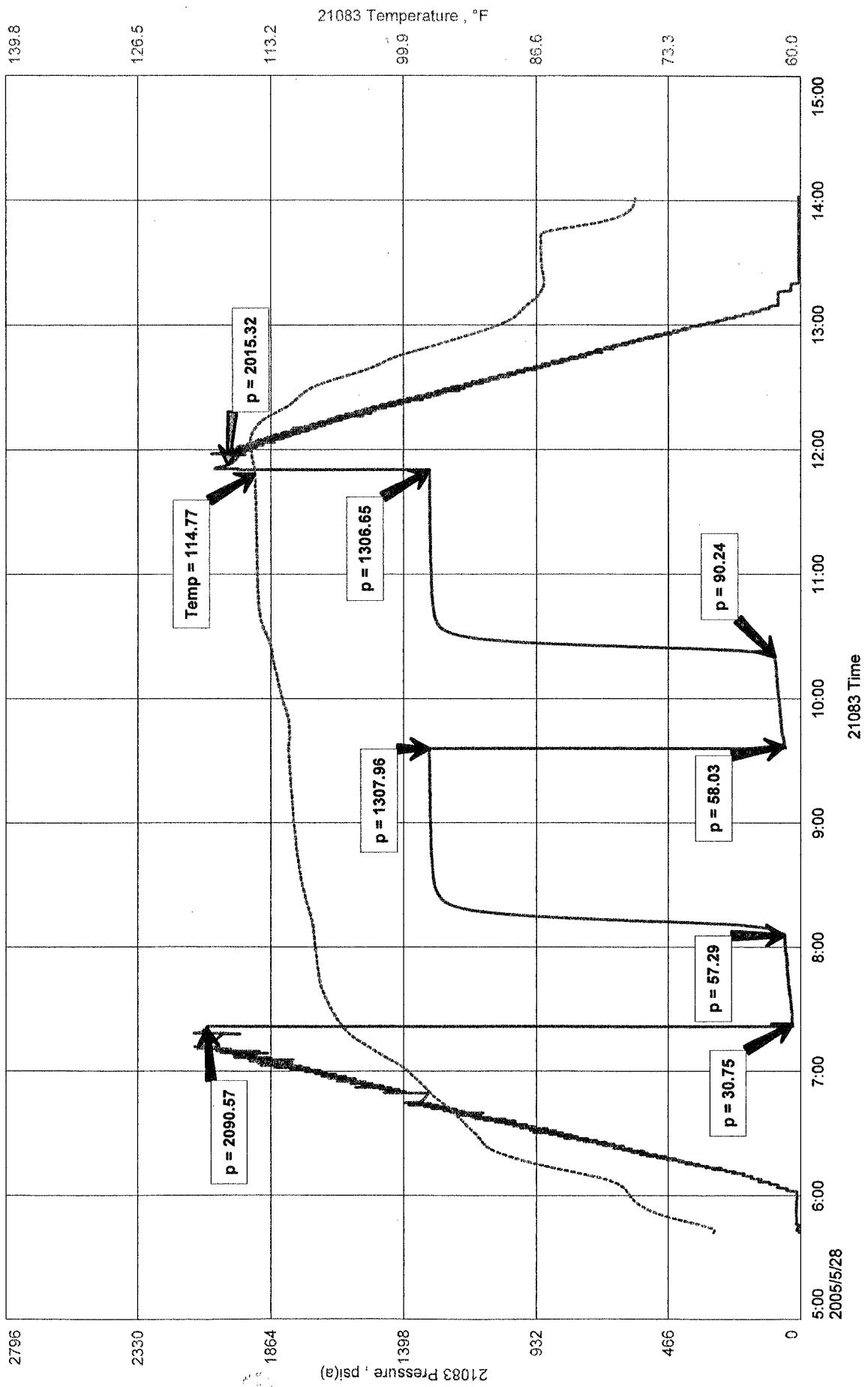
Remarks:

REC: 150' GAS IN PIPE
30' CLEAN GASSY OIL (15%GAS 85%OIL)
125' SLGCOM (10%GAS 20%OIL 70%MUD)
155' TOTAL FLUID RECOVERY

STENZEL-FUNK #1-7
 Formation: MISSISSIPPI
 Job Number: D83

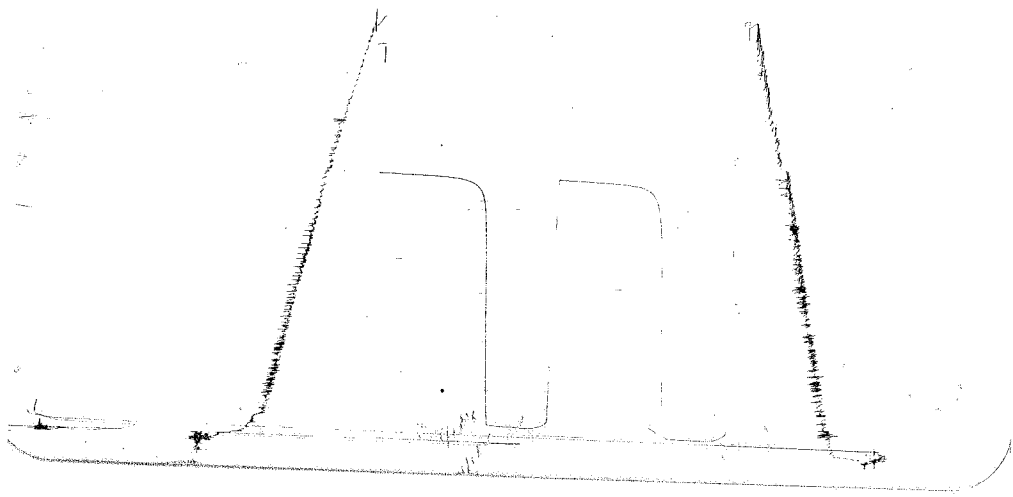
MULL DRILLING INC CO
 DST #2 4169-4241
 Start Test Date: 2005/05/28
 Final Test Date: 2005/05/28

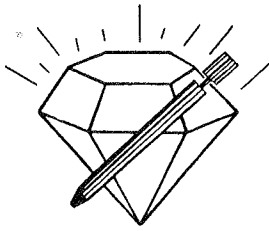
STENZEL-FUNK #1-7



MODEL 70100000 VSI #2
SYSTEM - FUNK #1-7

1500 #11017
005110
LOG 4238





DIAMOND TESTING

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HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21083.D84

Company Mull Drilling Co., Inc. Lease & Well No. Stenzel-Funk No. 1-7
Elevation 2253 KB Formation Conglomerate Effective Pay -- Ft. Ticket No. J1674
Date 5-28-05 Sec. 7 Twp. 18S Range 22W County Ness State Kansas
Test Approved By Kevin Kessler Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,240 ft. to 4,250 ft. Total Depth 4,250 ft.
Packer Depth 4,235 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,240 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

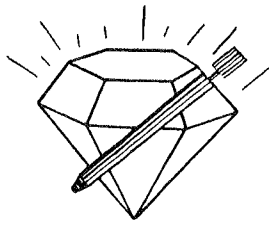
Top Recorder Depth (Inside) 4,243 ft. Recorder Number 21083 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,247 ft. Recorder Number 11017 Cap. 3,900 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.
Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 10.5 cc. Drill Pipe Length 4,214 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number No. 2 Anchor Length 10 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 in 3 1/2 mins. 4 in. blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 4 mins. 2 in. blow back during shut-in.

Recovered 600 ft. of gas in pipe
Recovered 1,850 ft. of clean gassy oil = 26.270000 bbls. (Grind out: 20%-gas; 80%-oil) Gravity: 39 @ 60°
Recovered 1,850 ft. of TOTAL FLUID = 26.270000 bbls.
Recovered ft. of
Recovered ft. of
Remarks Tool Sample Grind Out: 5%-mud; 5%-gas; 90%-oil

Time Set Packer(s) 9:43 ~~XXM.~~ P.M. Time Started Off Bottom 1:23 ~~XXM.~~ A.M. Maximum Temperature 128°
Initial Hydrostatic Pressure (A) 2106 P.S.I.
Initial Flow Period Minutes 10 (B) 66 P.S.I. to (C) 136 P.S.I.
Initial Closed In Period Minutes 30 (D) 1329 P.S.I.
Final Flow Period Minutes 60 (E) 153 P.S.I. to (F) 625 P.S.I.
Final Closed In Period Minutes 120 (G) 1327 P.S.I.
Final Hydrostatic Pressure (H) 2040 P.S.I.



DIAMOND TESTING
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HOISINGTON, KANSAS 67544
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FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.
Lease & Well No. Stenzel-Funk No. 1-7
Date 5-28-05 Sec. 7 Twp. 18 S Range 22 W
Formation Test No. 3 Interval Tested From 4,240 ft. to 4,250 ft. Total Depth 4,250 ft.
Formation Conglomerate

	MUD PIT	RECOVERY
Viscosity	<u>49</u> CP	<u>--</u> CP
Weight	<u>9.2</u>	<u>--</u>
Water Loss	<u>10.5</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>1.00</u> @ <u>60</u> °F.	<u>5,500</u> ppm
Mud Pit Sample	<u>--</u> @ <u>--</u> °F.	<u>--</u> ppm
Mud Pit Sample Filtrate	<u>1.00</u> @ <u>55</u> °F.	<u>7,700</u> ppm

Sample Taken By JOHN C. RIEDL

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 8,000 Ppm
Recovery filtrate triton dish chlorides were 8,200 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING INC CO
Contact: ERNIE MORRISON
Phone: Fax: e-mail:

Site Information:

Contact: KEVIN SESSLER
Phone: Fax: e-mail:

Well Information:

Name: STENZEL-FUNK #1-7
Operator: MULL DRILLING INC CO
Location-Downhole: DST #3 4240-4250
Location-Surface: S7/18S/22W NESS COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: KEVIN KESSLER
Test Type: CONVENTIONAL Job Number: D84
Test Unit: 2
Start Date: 2005/05/28 Start Time: 18:17:00
End Date: 2005/05/29 End Time: 06:20:00
Report Date: 2005/05/29 Prepared By: JOHN RIEDL
Qualified By: KEVIN KESSLER

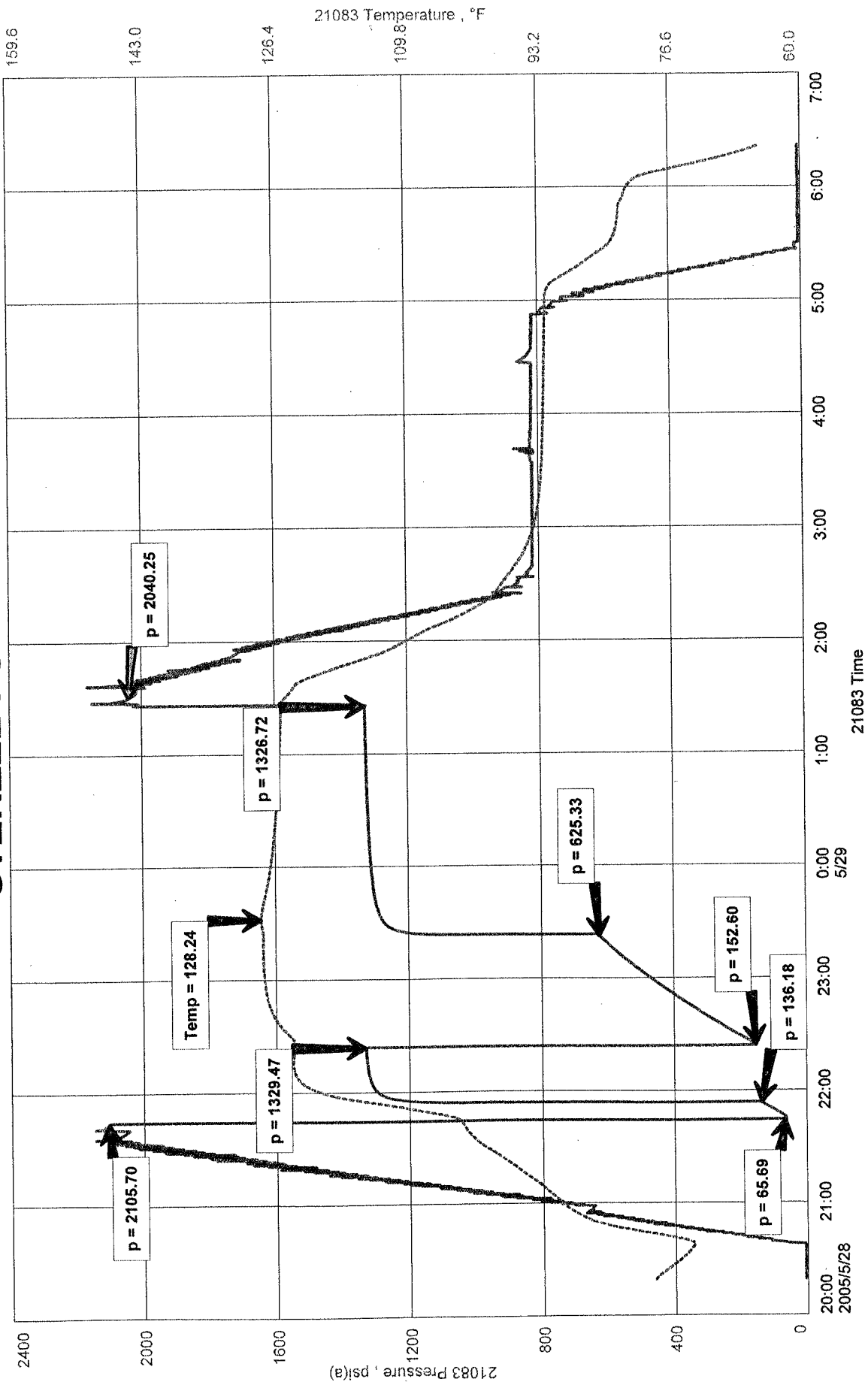
Remarks:

RECOVERY: 600' GAS IN PIPE
1850' CLEAN GASSY OIL (20%GAS 80%OIL) 39 GRAVITY

STENZEL-FUNK #1-7
 Formation: CONGLOMERATE
 Job Number: D84

STENZEL-FUNK #1-7

MULL DRILLING INC CO
 DST #3 4240-4250
 Start Test Date: 2005/05/28
 Final Test Date: 2005/05/29



MILL BRILLIANCE INC
SPINZEE-FUNK #1-2

JUN 71

RECA 110V7
OUTSIDE
LOC 4942

