



15-135-24370

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.D165

Page 1 of 3 Pages

Company Mull Drilling Co., Inc. Lease & Well No. Four Corners No. 1-26
Elevation 2467KB Formation Fort Scott/Cherokee Effective Pay -- Ft. Ticket No. 2054
Date 9-16-05 Sec. 26 Twp. 16S Range 23W County Ness State Kansas
Test Approved By Kevin Kessler Diamond Representative Roger D. Friedly
Formation Test No. 1 Interval Tested from 4,315 ft. to 4,435 ft. Total Depth 4,435 ft.
Packer Depth 4,310 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,315 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 4,296 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,432 ft. Recorder Number 13387 Cap. 4,000 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 64 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.5 Water Loss 10.0 cc. Drill Pipe Length 4,282 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number No. 1 Anchor Length 27' perf. w/ 93' 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, 1/2 in., blow increasing. Off bottom of bucket in 27 mins. No blow back during shut-in.
2nd Open: Weak surface blow increasing. Off bottom of bucket in 31 mins. No blow back during shut-in.
Recovered 130 ft. of gas in pipe
Recovered 20 ft. of clean oil = .284000 bbls. (Gravity: 41 @ 60°)
Recovered 33 ft. of gas & heavy mud cut oil = .468600 bbls. (Grind out: 8%-gas; 41%-mud; 51%-oil)
Recovered 310 ft. of gas & oil cut mud = 4.402000 bbls. (Grind out: 18%-gas; 31%-oil; 51%-mud)
Recovered 363 ft. of TOTAL FLUID = 5.154600 bbls.
Remarks Tool Sample Grind Out: 6%-gas; 34%-oil; 60%-mud

Time Set Packer(s) 6:26 A.M. Time Started Off Bottom 11:26 A.M. Maximum Temperature 119°
Initial Hydrostatic Pressure (A) 2122 P.S.I.
Initial Flow Period Minutes 30 (B) 11 P.S.I. to (C) 68 P.S.I.
Initial Closed In Period Minutes 90 (D) 1262 P.S.I.
Final Flow Period Minutes 60 (E) 72 P.S.I. to (F) 165 P.S.I.
Final Closed In Period Minutes 120 (G) 1255 P.S.I.
Final Hydrostatic Pressure (H) 2121 P.S.I.



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FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.

Lease & Well No. Four Corners No. 1-26

Date 9-16-05 Sec. 26 Twp. 16 S Range 23 W

Formation Test No. 1 Interval Tested From 4,315 ft. to 4,435 ft. Total Depth 4,435 ft.

Formation Fort Scott/Cherokee

	MUD PIT	RECOVERY
Viscosity	<u>64</u> CP	<u>--</u> CP
Weight	<u>9.5</u>	<u>--</u>
Water Loss	<u>10.0</u> CC	<u>--</u> CC
PH Factor	<u>9.5</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>1.35</u> @ <u>52</u> °F. <u>5,800</u> ppm	
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>56</u> °F. <u>5,200</u> ppm	

Sample Taken By ROGER D. FRIEDLY

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 4,000 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING CO., INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: FOUR CORNERS #1-26

Operator: MULL DRILLING CO., INC.

Location-Downhole: DST #1 FT. SCOTT / CHEROKEE 4,315' - 4,435'

Location-Surface: SEC 26-16S-23W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2005/09/16

Start Time: 04:00:00

End Date: 2005/09/16

End Time: 14:06:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 130' GAS IN PIPE

20' CLEAN OIL 41 GRAVITY @ 60 deg.

33' G&HMO 8% GAS, 41% MUD, 51% OIL

310' G&OCM 18% GAS, 31% OIL, 51% MUD

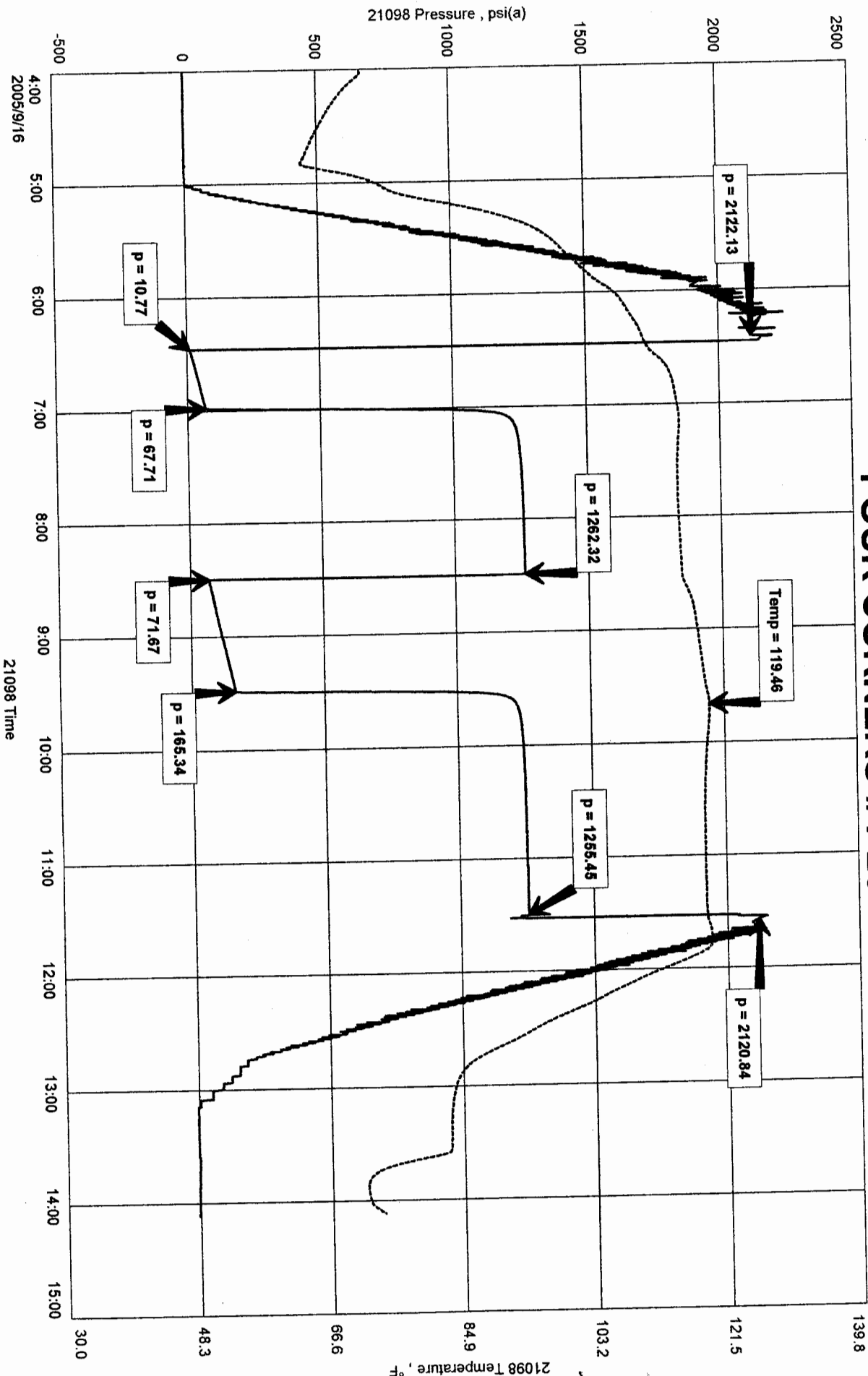
363' TOTAL FLUID

TOOL SAMPLE: 6% GAS, 34% OIL, 60% MUD

MULL DRILLING CO., INC
 DST #1 FT. SCOTT / CHEROKEE 4,315' - 4,435'
 Start Test Date: 2005/09/16
 Final Test Date: 2005/09/16

Formation: DST #1 FT. SCOTT / CHEROKEE 4,315' - 4,435'
 Pool: WILDCAT

FOUR CORNERS #1-26

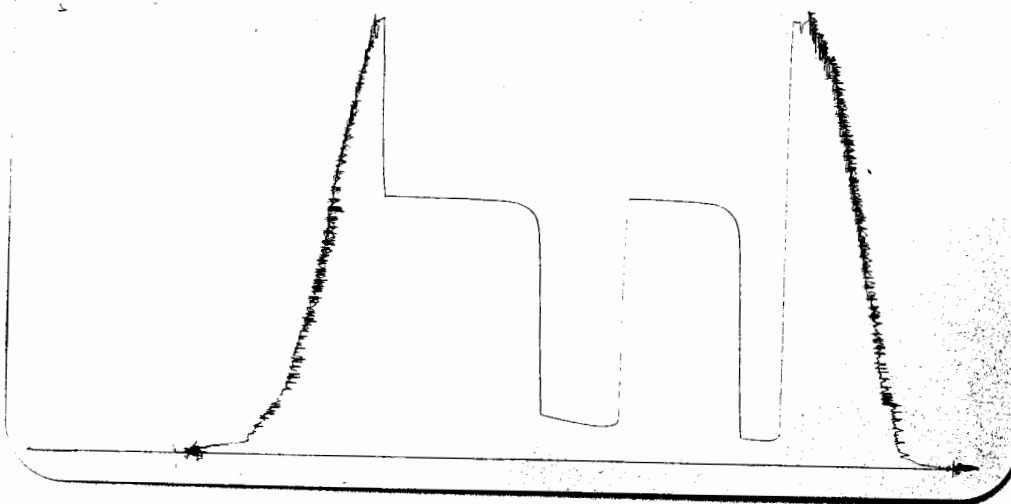


DST # 1049 side 13387.

FT Scott/Choro

4315-4435

LDC 4432



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	
	Field Reading			
(A) Initial Hydrostatic Mud	2122	2122	PSI	
(B) First Initial Flow Pressure.....	11	11	PSI	
(C) First Final Flow Pressure	68	68	PSI	
(D) Initial Closed-in Pressure	1262	1262	PSI	
(E) Second Initial Flow Pressure	72	72	PSI	
(F) Second Final Flow Pressure.....	165	165	PSI	
(G) Final Closed-in Pressure.....	1255	1255	PSI	
(H) Final Hydrostatic Mud	2121	2121	PSI	



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STC 21098.D166

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Company Mull Drilling Co., Inc. Lease & Well No. Four Corners No. 1-26

Elevation 2467KB Formation Cherokee Effective Pay -- Ft. Ticket No. 2055

Date 9-16-05 Sec. 26 Twp. 16S Range 23W County Ness State Kansas

Test Approved By Kevin Kessler Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,367 ft. to 4,442 ft. Total Depth 4,442 ft.

Packer Depth 4,362 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,367 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,353 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,439 ft. Recorder Number 13387 Cap. 4,000 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 68 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.5 Water Loss 10.0 cc. Drill Pipe Length 4,334 ft. I.D. 3 1/2 in.

Chlorides 4,100 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number No. 1 Anchor Length 44' 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, 1/2 in., blow increasing. Off bottom of bucket in 19 mins. Weak surface blow back during shut-in.

2nd Open: Weak surface blow increasing. Off bottom of bucket in 22 mins. Weak surface blow back during shut-in.

Recovered 250 ft. of gas in pipe

Recovered 72 ft. of clean oil = 1.022400 bbls. (Gravity: 42 @ 60°)

Recovered 248 ft. of gassy & heavy muddy oil = 3.521600 bbls. (Grind out: 10%-gas; 30%-mud; 60%-oil)

Recovered 186 ft. of gassy & heavy muddy oil = 2.641200 bbls. (Grind out: 20%-gas; 26%-mud; 54%-oil)

Recovered 506 ft. of TOTAL FLUID = 7.185200 bbls.

Remarks Tool Sample Grind Out: 6%-gas; 45%-oil; 49%-mud

Time Set Packer(s) 9:09 ~~XX~~ P.M. Time Started Off Bottom 2:09 ~~XX~~ A.M. Maximum Temperature 118°

Initial Hydrostatic Pressure (A) 2134 P.S.I.

Initial Flow Period Minutes 30 (B) 13 P.S.I. to (C) 87 P.S.I.

Initial Closed In Period Minutes 90 (D) 1278 P.S.I.

Final Flow Period Minutes 60 (E) 90 P.S.I. to (F) 204 P.S.I.

Final Closed In Period Minutes 120 (G) 1271 P.S.I.

Final Hydrostatic Pressure (H) 2134 P.S.I.



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FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.

Lease & Well No. Four Corners No. 1-26

Date 9-16-05 Sec. 26 Twp. 16 S Range 23 W

Formation Test No. 2 Interval Tested From 4,367 ft. to 4,442 ft. Total Depth 4,442 ft.

Formation Cherokee

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>68</u> CP	<u>--</u> CP
Weight	<u>9.5</u>	<u>--</u>
Water Loss	<u>10.0</u> CC	<u>--</u> CC
PH Factor	<u>10.0</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>.97 @ 80°F.</u>	<u>6,000</u> ppm
Mud Pit Sample Filtrate	<u>1.00 @ 82°F.</u>	<u>5,400</u> ppm

Sample Taken By ROGER D. FRIEDLY

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 4,100 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING CO., INC.

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: FOUR CORNERS #1-26

Operator: MULL DRILLING CO., INC.

Location-Downhole: DST #2 CHEROKEE 4,367' - 4,442

Location-Surface: SEC 26-16S-23W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2005/09/16

Start Time: 19:30:00

End Date: 2005/09/17

End Time: 05:00:00

Report Date:

Prepared By:

Remarks:

Qualified By:

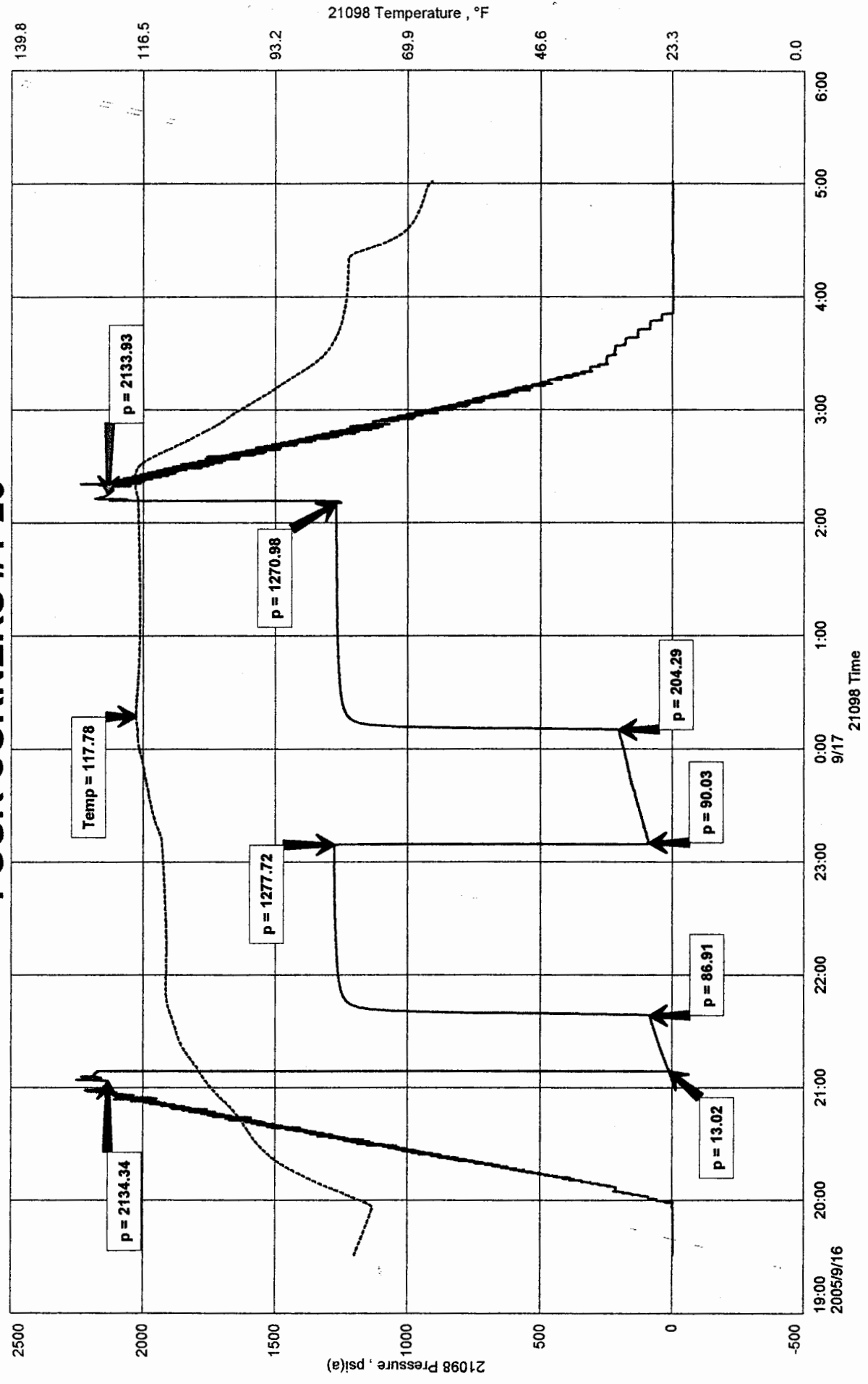
RECOVERED: 250' GAS IN PIPE
72' CLEAN OIL 42 GRAVITY @ 60 deg.
248' G&HMO 10% GAS, 30% MUD, 60% OIL
186' G&HMO 20% GAS, 26% MUD, 54% OIL
506' TOTAL FLUID

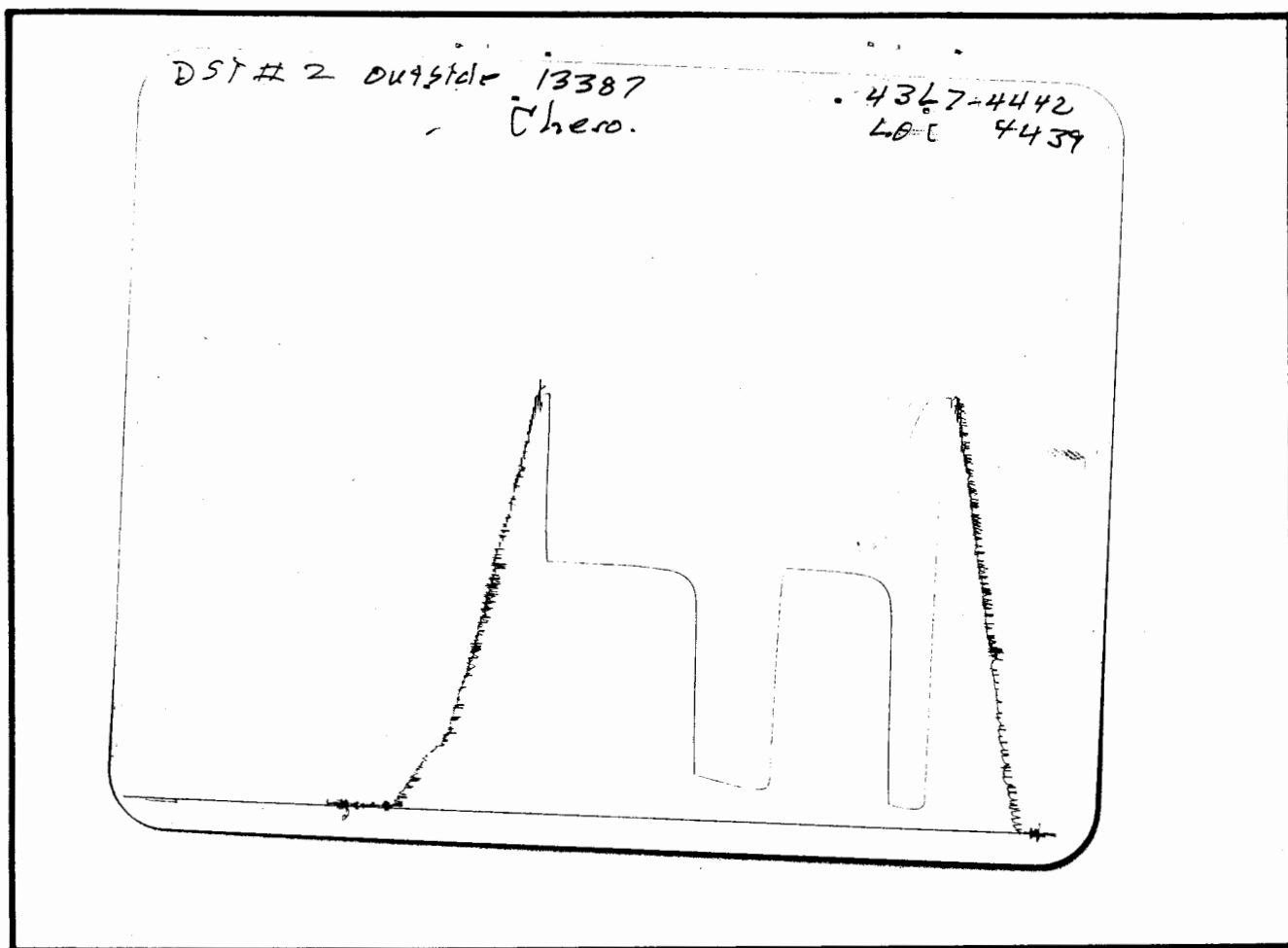
TOOL SAMPLE: 6% GAS, 45% OIL, 49% MUD

MULL DRILLING CO., INC.
 DST #2 CHEROKEE 4,367' - 4,442'
 Start Test Date: 2005/09/16
 Final Test Date: 2005/09/17

FOUR CORNERS #1-26
 Formation: DST #2 CHEROKEE 4,367' - 4,442'
 Pool: WILDCAT

FOUR CORNERS #1-26





This is an actual photograph of recorder chart.

POINT	PRESSURE Elec.	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	2134	2134
(B) First Initial Flow Pressure.....	13	13
(C) First Final Flow Pressure	87	87
(D) Initial Closed-in Pressure	1278	1278
(E) Second Initial Flow Pressure.....	90	90
(F) Second Final Flow Pressure.....	204	204
(G) Final Closed-in Pressure.....	1271	1271
(H) Final Hydrostatic Mud.....	2134	2134



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Company Mull Drilling Co., Inc. Lease & Well No. Four Corners No. 1-26
Elevation 2467KB Formation Cherokee Effective Pay -- Ft. Ticket No. 2056
Date 9-17-05 Sec. 26 Twp. 16S Range 23W County Ness State Kansas
Test Approved By Kevin Kessler Diamond Representative Roger D. Friedly
Formation Test No. 3 Interval Tested from 4,365 ft. to 4,452 ft. Total Depth 4,452 ft.
Packer Depth 4,360 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,365 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set -- ft.
Top Recorder Depth (Inside) 4,346 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,449 ft. Recorder Number 13387 Cap. 4,000 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 60 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.5 Water Loss 9.6 cc. Drill Pipe Length 4,332 ft. I.D. 3 1/2 in.
Chlorides 4,000 P.P.M. Test Tool Length 33 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number No. 1 Anchor Length 25' 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 8 mins. Weak surface blow back during shut-in.
2nd Open: Weak, 1/2 in., blow increasing. Off bottom of bucket in 10 mins.
Recovered 300 ft. of gas in pipe
Recovered 372 ft. of clean oil - 5.282400 bbls. (Gravity: 41 @ 60°)
Recovered 196 ft. of gas cut muddy oil = 2.783200 bbls. (Grind out: 29%-gas; 31%-mud; 40%-oil with a trace of water)
Recovered 248 ft. of mud cut gassy oil = 3.521600 bbls. (Grind out: 26%-mud; 36%-gas; 38%-oil with a trace of water)
Recovered 816 ft. of TOTAL FLUID = 11.587200 bbls.
Remarks Tool Sample Grind Out: 1%-water; 6%-gas; 43%-oil; 50%-mud

Time Set Packer(s) 1:19 ~~XXX~~ P.M. Time Started Off Bottom 4:59 ~~XXX~~ P.M. Maximum Temperature 116°
Initial Hydrostatic Pressure (A) 2155 P.S.I.
Initial Flow Period Minutes 10 (B) 20 P.S.I. to (C) 80 P.S.I.
Initial Closed In Period Minutes 30 (D) 1262 P.S.I.
Final Flow Period Minutes 60 (E) 87 P.S.I. to (F) 308 P.S.I.
Final Closed In Period Minutes 120 (G) 1255 P.S.I.
Final Hydrostatic Pressure (H) 2153 P.S.I.



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FLUID SAMPLE DATA

Company Mull Drilling Co., Inc.

Lease & Well No. Four Corners No. 1-26

Date 9-17-05 Sec. 26 Twp. 16 S Range 23 W

Formation Test No. 3 Interval Tested From 4,365 ft. to 4,452 ft. Total Depth 4,452 ft.

Formation Cherokee

	<u>MUD PIT</u>	<u>RECOVERY</u>
Viscosity	<u>60</u> CP	<u>--</u> CP
Weight	<u>9.5</u>	<u>--</u>
Water Loss	<u>9.6</u> CC	<u>--</u> CC
PH Factor	<u>10.0</u>	<u>--</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
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>.90</u> @ <u>90</u> °F. <u>5,200</u> ppm	
Mud Pit Sample Filtrate	<u>.92</u> @ <u>96</u> °F. <u>4,800</u> ppm	

Sample Taken By ROGER D. FRIEDLY

Witness By KEVIN KESSLER

Remarks Pit filtrate triton dish chlorides were 4,000 Ppm

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING CO., INC.

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: FOUR CORNERS #1-26

Operator: MULL DRILLING CO., INC.

Location-Downhole: DST #3 CHEROKEE 4,365' - 4,452'

Location-Surface: SEC 26-16S-23W NESS COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2005/09/17

Start Time: 11:10:00

End Date: 2005/09/17

End Time: 19:29:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 300' GAS IN PIPE

372' CLEAN OIL 41 GRAVITY @ 60 deg.

196' GCMO 29% GAS, 31% MUD, 40% OIL (TRACE OF WATER)

248' MCGO 26% MUD, 36% GAS, 38% OIL (TRACE OF WATER)

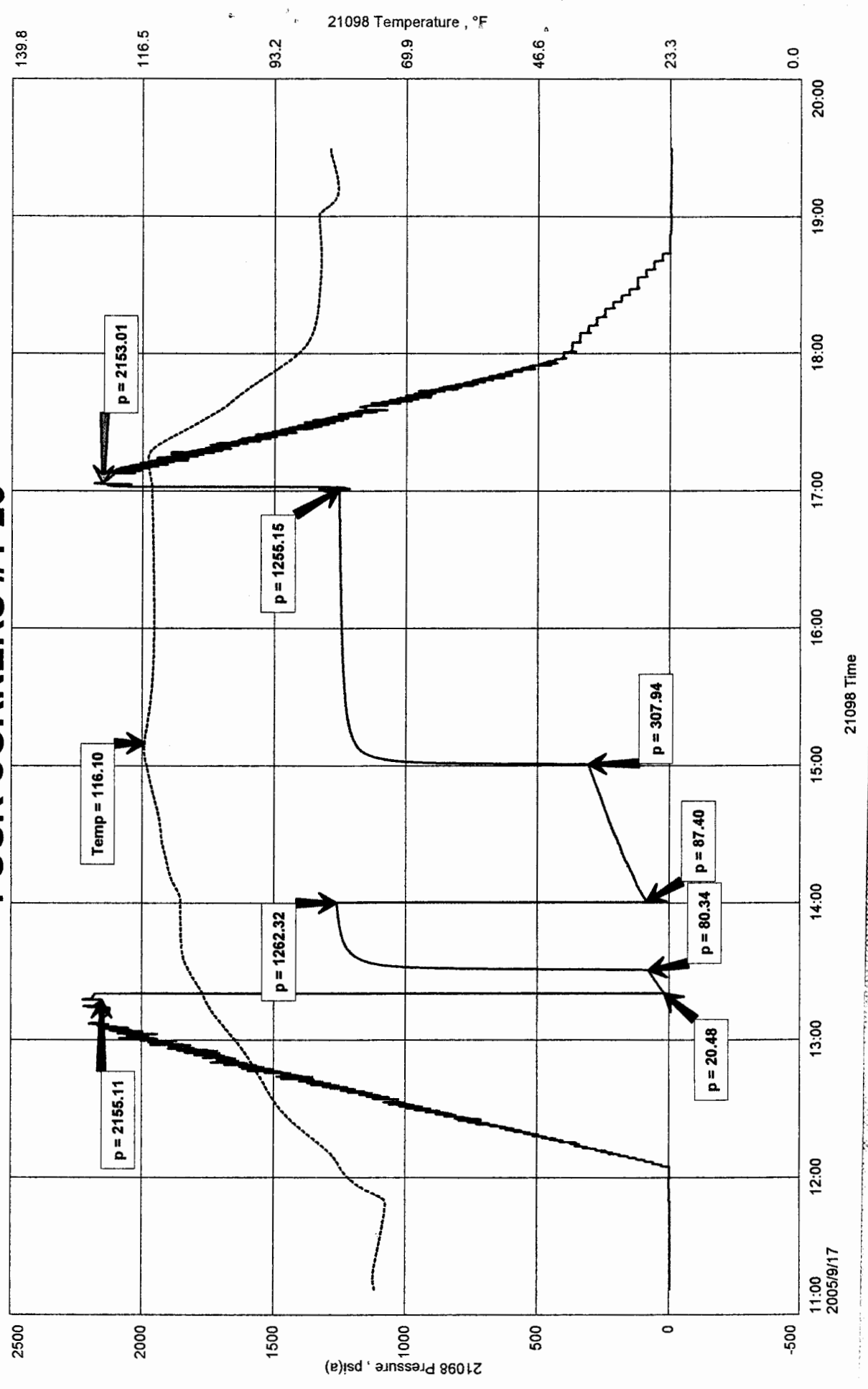
816' TOTAL FLUID

TOOL SAMPLE: 1% WTR, 6% GAS, 43% OIL, 50% MUD

FOUR CORNERS #1-26
 Formation: DST #3 CHEROKEE 4,365' - 4,452'
 Pool: WILDCAT

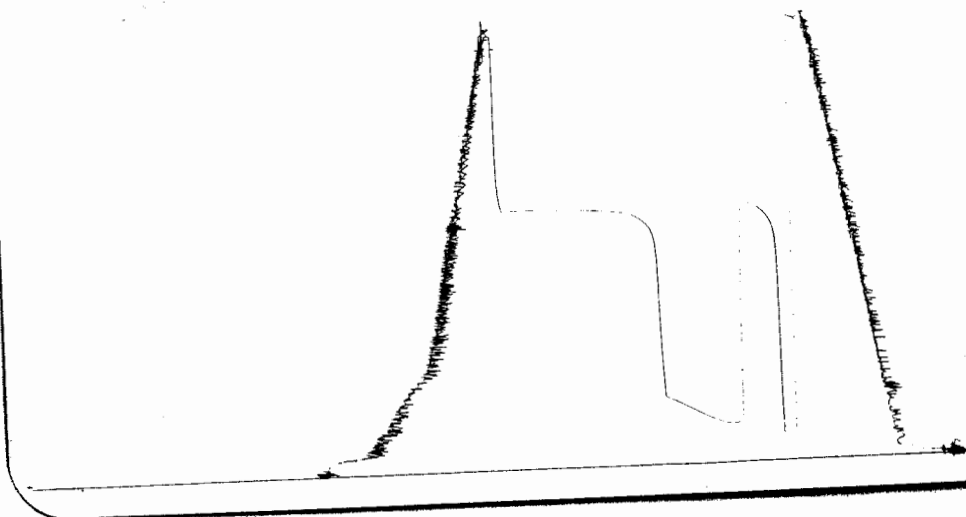
MULL DRILLING CO., INC.
 DST #3 CHEROKEE 4,365' - 4,452'
 Start Test Date: 2005/09/17
 Final Test Date: 2005/09/17

FOUR CORNERS #1-26



DST # 3 ~~on~~ side 13387
C# 10.

4365-4452
LCL 4449



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2155	2155
(B) First Initial Flow Pressure	20	20
(C) First Final Flow Pressure	80	80
(D) Initial Closed-in Pressure	1262	1262
(E) Second Initial Flow Pressure	87	87
(F) Second Final Flow Pressure	308	308
(G) Final Closed-in Pressure	1255	1255
(H) Final Hydrostatic Mud	2153	2153