

15-101-22132

7-18s-27w

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30044.D 491

Page 1 of 2 Pages

Company Mull Drilling Co., Inc. Lease & Well No. Kent No. 1-7Elevation 2712 KB Formation Lansing/Kansas City "K" Effective Pay -- Ft. Ticket No. J2288Date 10-26-08 Sec. 7 Twp. 18S Range 27W County Lane State KansasTest Approved By Kevin L. Kessler Diamond Representative John C. RiedlFormation Test No. 1 Interval Tested from 4,230 ft. to 4,270 ft. Total Depth 4,270 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) 4,233 ft. Recorder Number 30044 Cap. 5,000 psiBottom Recorder Depth (Outside) 4,267 ft. Recorder Number 11017 Cap. 4,000 psiBelow Straddle Recorder Depth ft. Recorder Number Cap. psiDrilling Contractor Duke Drilling Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.Mud Type Chemical Viscosity 50 Weight Pipe Length -- ft. I.D. -- in.Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 4,210 ft. I.D. 3 1/2 in.Chlorides 3,200 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.Jars: Make Sterling Serial Number Not Run Anchor Length 40 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 1 1/2 mins. Weak blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 4 mins. Strong blow back during shut-in.

Recovered 1,500 ft. of gas in pipeRecovered 860 ft. of clean gassy oil = 12.237800 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 33 @ 60°Recovered 90 ft. of slightly water & mud cut gassy oil = 1.280700 bbls. (Grind out: 5%-water; 10%-mud; 25%-gas; 60%-oil)Recovered 30 ft. of water = .426900 bbls. (Grind out: 100%-water) Chlorides: 24,000 PpmRecovered 980 ft. of TOTAL FLUID = 13.945400 bbls.Remarks Time Set Packer(s) 4:55 ~~AM~~ P.M. Time Started Off Bottom 8:35 ~~AM~~ P.M. Maximum Temperature 127°Initial Hydrostatic Pressure (A) 2147 P.S.I.Initial Flow Period Minutes 10 (B) 45 P.S.I. to (C) 99 P.S.I.Initial Closed In Period Minutes 30 (D) 806 P.S.I.Final Flow Period Minutes 60 (E) 110 P.S.I. to (F) 367 P.S.I.Final Closed In Period Minutes 120 (G) 803 P.S.I.Final Hydrostatic Pressure (H) 2104 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILING CO INC

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: KENT 1-7

Operator: MULL DRILLING CO INC

Location-Downhole: DST #1 4230 TO 4270

Location-Surface: S7/18S/27W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number: D491

Test Unit: 2

Start Date: 2008/10/26

Start Time: 15:10:00

End Date: 2008/10/26

End Time: 23:55:00

Report Date: 2008/10/26

Prepared By: JOHN RIEDL

Remarks:

Qualified By: KEVIN KESSLER

RECOVERY: 1500' GAS IN PIPE

860' CLEAN GASSY OIL

90' SLIGHTLY MUD+WATER CUT GASSY OIL

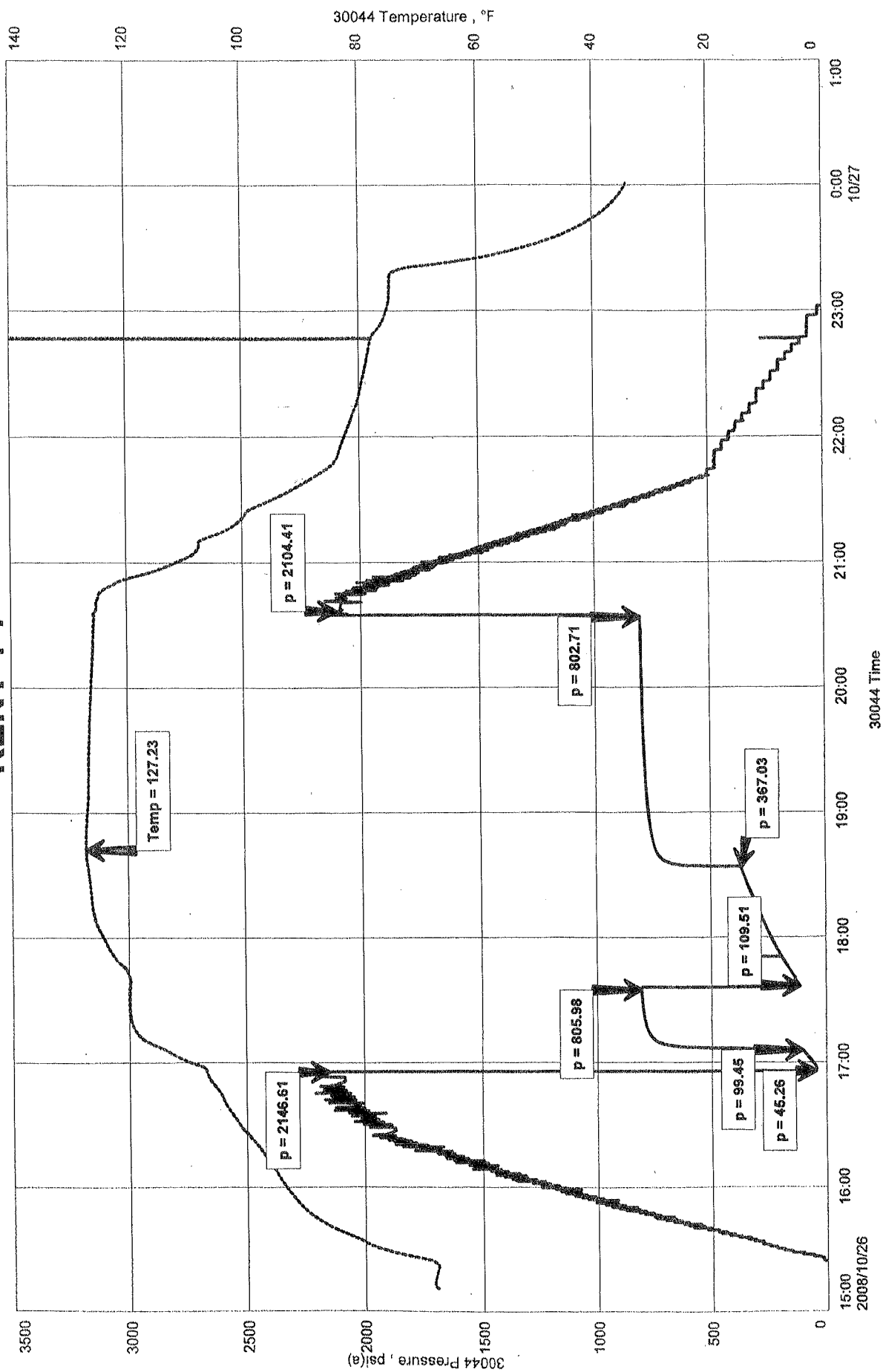
30' WATER

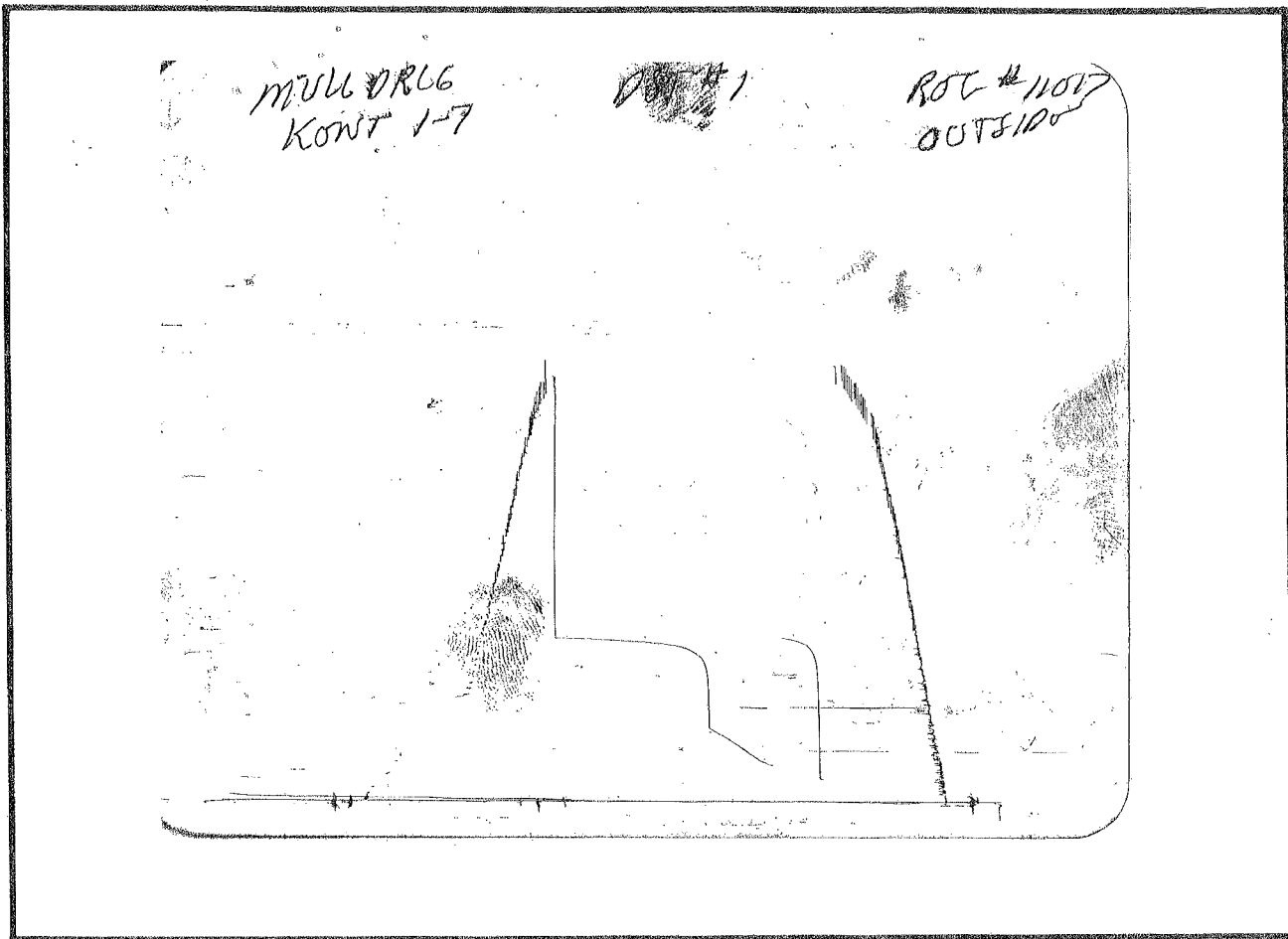
TOTAL FLUID REC. 980' IN DRILL PIPE

KENT 1-7
Formation: LKC "K"
Job Number: D491

MULL DRILLING CO INC
DST #f 4230 TO 4270
Start Test Date: 2008/10/26
Final Test Date: 2008/10/26

KENT 1-7

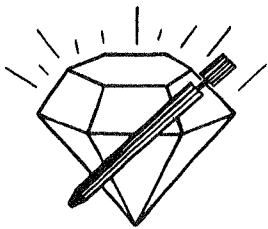




This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2147	2147
(B) First Initial Flow Pressure.....	45	45
(C) First Final Flow Pressure	99	99
(D) Initial Closed-in Pressure	806	806
(E) Second Initial Flow Pressure	110	110
(F) Second Final Flow Pressure.....	367	367
(G) Final Closed-in Pressure.....	803	803
(H) Final Hydrostatic Mud	2104	2104
		PSI

COMPANY NO. _____ LEASE AND WELL NO. _____ SEC. _____ TWP. _____ RGE. _____ E/W _____ TEST NO. _____ DATE _____



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STC 30044.D 492

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Company Mull Drilling Co., Inc. Lease & Well No. Kent No. 1-7
Elevation 2712 KB Formation Marmaton Effective Pay -- Ft. Ticket No. J2289
Date 10-27-08 Sec. 7 Twp. 18S Range 27W County Lane State Kansas
Test Approved By Kevin L. Kessler Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,300 ft. to 4,410 ft. Total Depth 4,410 ft.

Packer Depth 4,295 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,300 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,303 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,407 ft. Recorder Number 11017 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 50 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 11.2 cc. Drill Pipe Length 4,280 ft. I.D. 3 1/2 in.

Chlorides 4,100 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 110 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 1/2 in., blow. No blow back during shut-in.

2nd Open: Good blow, building throughout to 5 ins. No blow back during shut-in.

Recovered 150 ft. of gas in pipe

Recovered 30 ft. of oil & gas cut mud = .426900 bbls. (Grind out: 10%-oil; 15%-gas; 75%-mud)

Recovered 30 ft. of TOTAL FLUID = .426900 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 6:30 ~~AM~~ P.M. Time Started Off Bottom 10:10 ~~AM~~ P.M. Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 2192 P.S.I.

Initial Flow Period Minutes 10 (B) 12 P.S.I. to (C) 14 P.S.I.

Initial Closed In Period Minutes 30 (D) 804 P.S.I.

Final Flow Period Minutes 60 (E) 13 P.S.I. to (F) 21 P.S.I.

Final Closed In Period Minutes 120 (G) 800 P.S.I.

Final Hydrostatic Pressure (H) 2128 P.S.I.

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: KENT 1-7

Operator: MULL DRILLING CO INC

Location-Downhole: DST#2 4300 TO 4410

Location-Surface: S7/18S/27W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number: D492

Test Unit: 2

Start Date: 2008/10/28

Start Time: 16:50:00

End Date: 2008/10/28

End Time: 23:59:00

Report Date: 2008/10/28

Prepared By: JOHN RIEDL

Remarks:

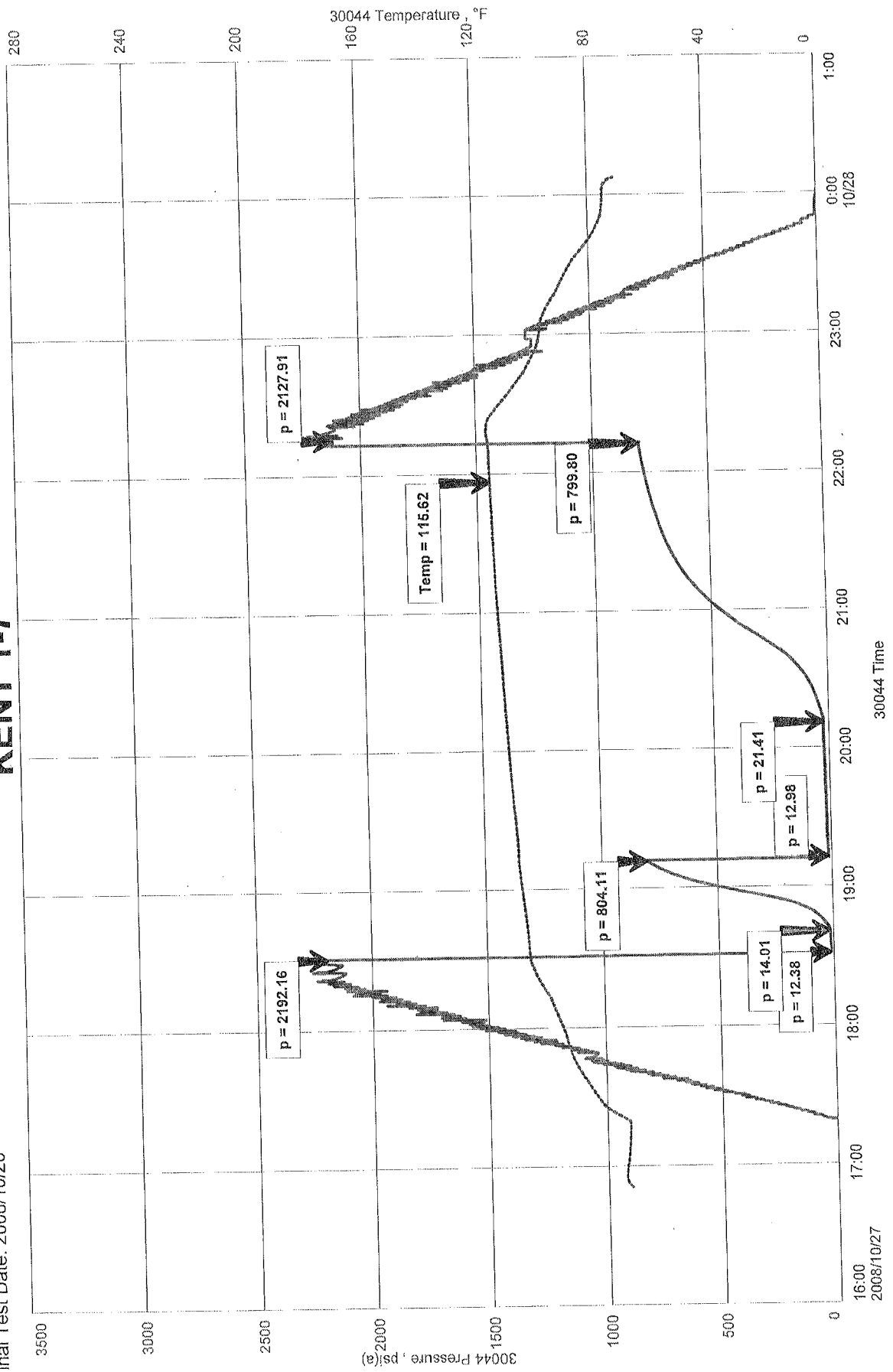
Qualified By: KEVIN KESSLER

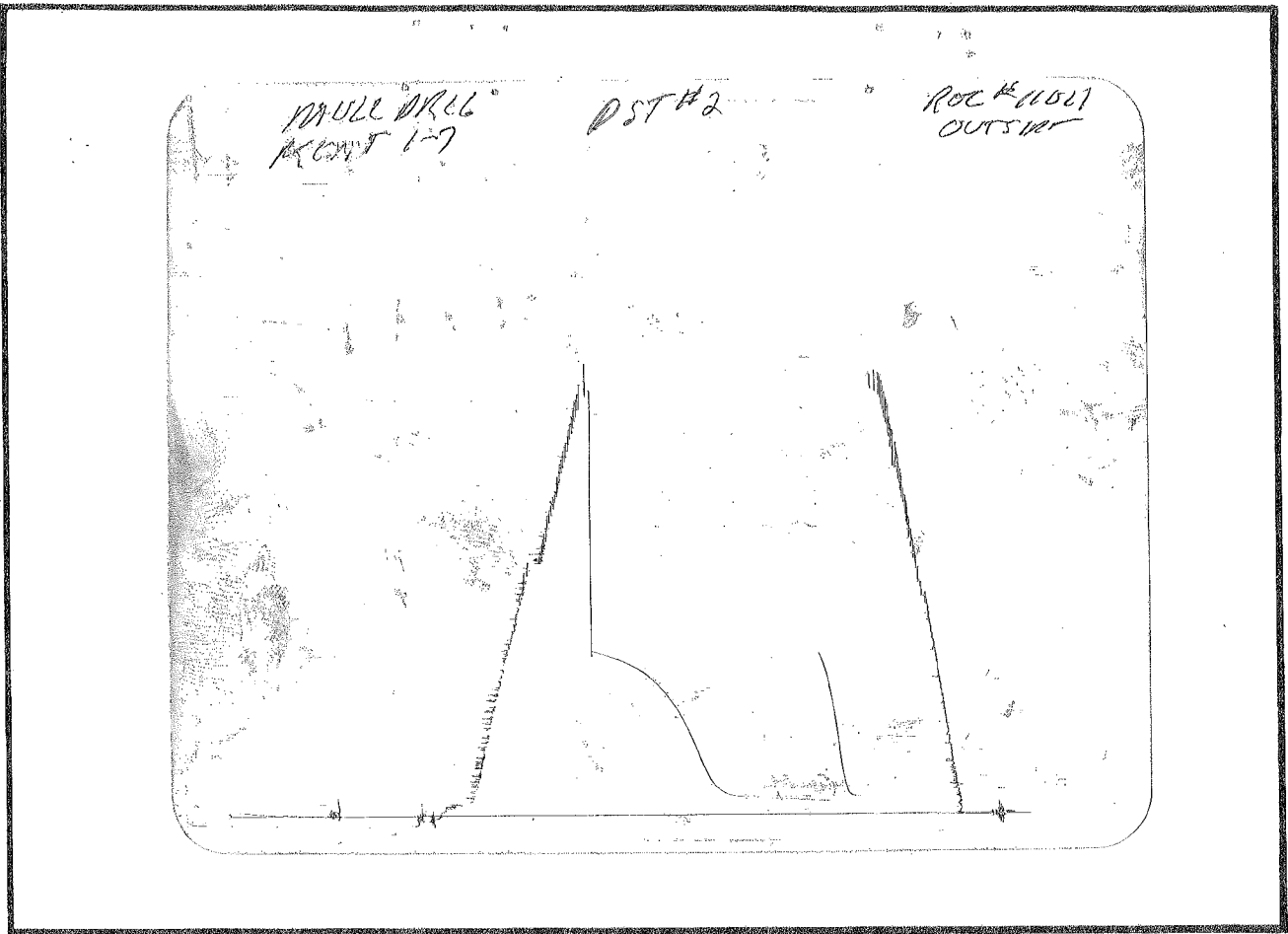
RECOVERY: 150' GAS IN PIPE
30' OIL+GAS CUT MUD

KENT 1-7
Formation: MARMATON
Job Number: D492

MULL DRILLING CO INC
DST#2 4300 TO 4410
Start Test Date: 2008/10/28
Final Test Date: 2008/10/28

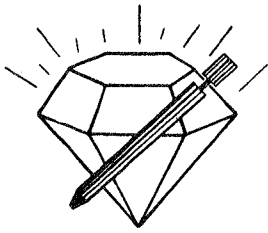
KENT 1-7





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2192	2192
(B) First Initial Flow Pressure.....	12	12
(C) First Final Flow Pressure	14	14
(D) Initial Closed-in Pressure	804	804
(E) Second Initial Flow Pressure	13	13
(F) Second Final Flow Pressure.....	21	21
(G) Final Closed-in Pressure.....	800	800
(H) Final Hydrostatic Mud	2128	2128



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Company Mull Drilling Co., Inc. Lease & Well No. Kent No. 1-7
Elevation 2712 KB Formation Pawnee/Myrick/Ft.Scott Effective Pay -- Ft. Ticket No. J2290
Date 10-28-08 Sec. 7 Twp. 18S Range 27W County Lane State Kansas
Test Approved By Kevin L. Kessler Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,400 ft. to 4,500 ft. Total Depth 4,500 ft.

Packer Depth 4,395 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,400 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,403 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,497 ft. Recorder Number 11017 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 47 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4,380 ft. I.D. 3 1/2 in.

Chlorides 3,400 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 100 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. No blow back during shut-in.

2nd Open: Weak, 2 in., blow. No blow back during shut-in.

Recovered 90 ft. of gas in pipe

Recovered 30 ft. of very slightly oil & gas cut mud = .426900 bbls. (Grind out: 3%-oil; 5%-gas; 92%-mud)

Recovered 30 ft. of TOTAL FLUID = .426900 bbls.

Recovered -- ft. of

Recovered -- ft. of

Remarks

Time Set Packer(s) 5:30 ~~AM~~ P.M. Time Started Off Bottom 9:10 ~~AM~~ P.M. Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 2156 P.S.I.

Initial Flow Period Minutes 10 (B) 23 P.S.I. to (C) 25 P.S.I.

Initial Closed In Period Minutes 30 (D) 1099 P.S.I.

Final Flow Period Minutes 60 (E) 11 P.S.I. to (F) 13 P.S.I.

Final Closed In Period Minutes 120 (G) 1139 P.S.I.

Final Hydrostatic Pressure (H) 2131 P.S.I.

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: KENT #1-7

Operator: MULL DRILLING CO INC

Location-Downhole: DST#3 4400 TO 4500

Location-Surface: S7/18S/27W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number: D493

Test Unit: 2

Start Date: 2008/10/28

Start Time: 15:05:00

End Date: 2008/10/28

End Time: 23:15:00

Report Date: 2008/10/28

Prepared By: JOHN RIEDL

Remarks:

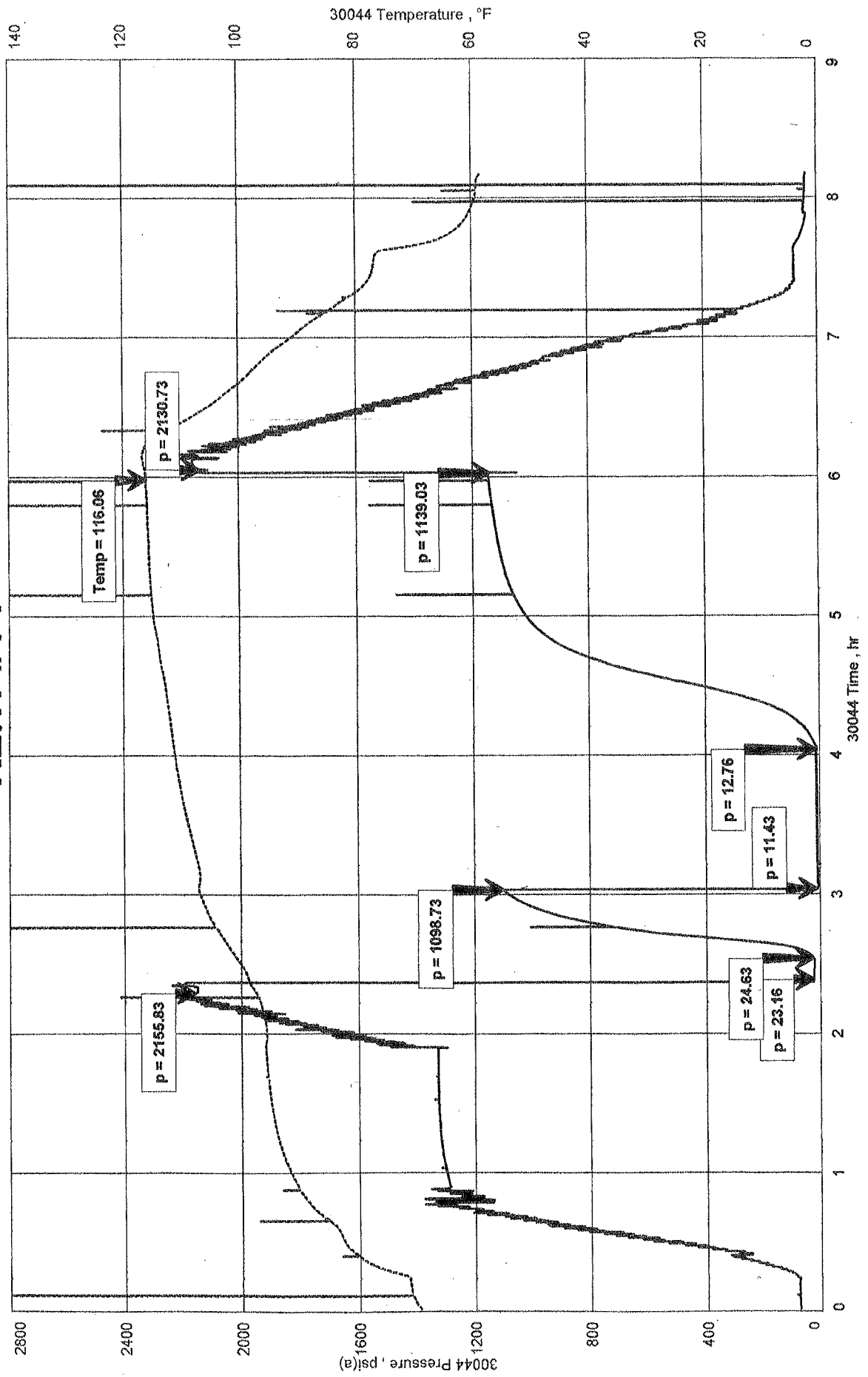
Qualified By: KEVIN KESSLER

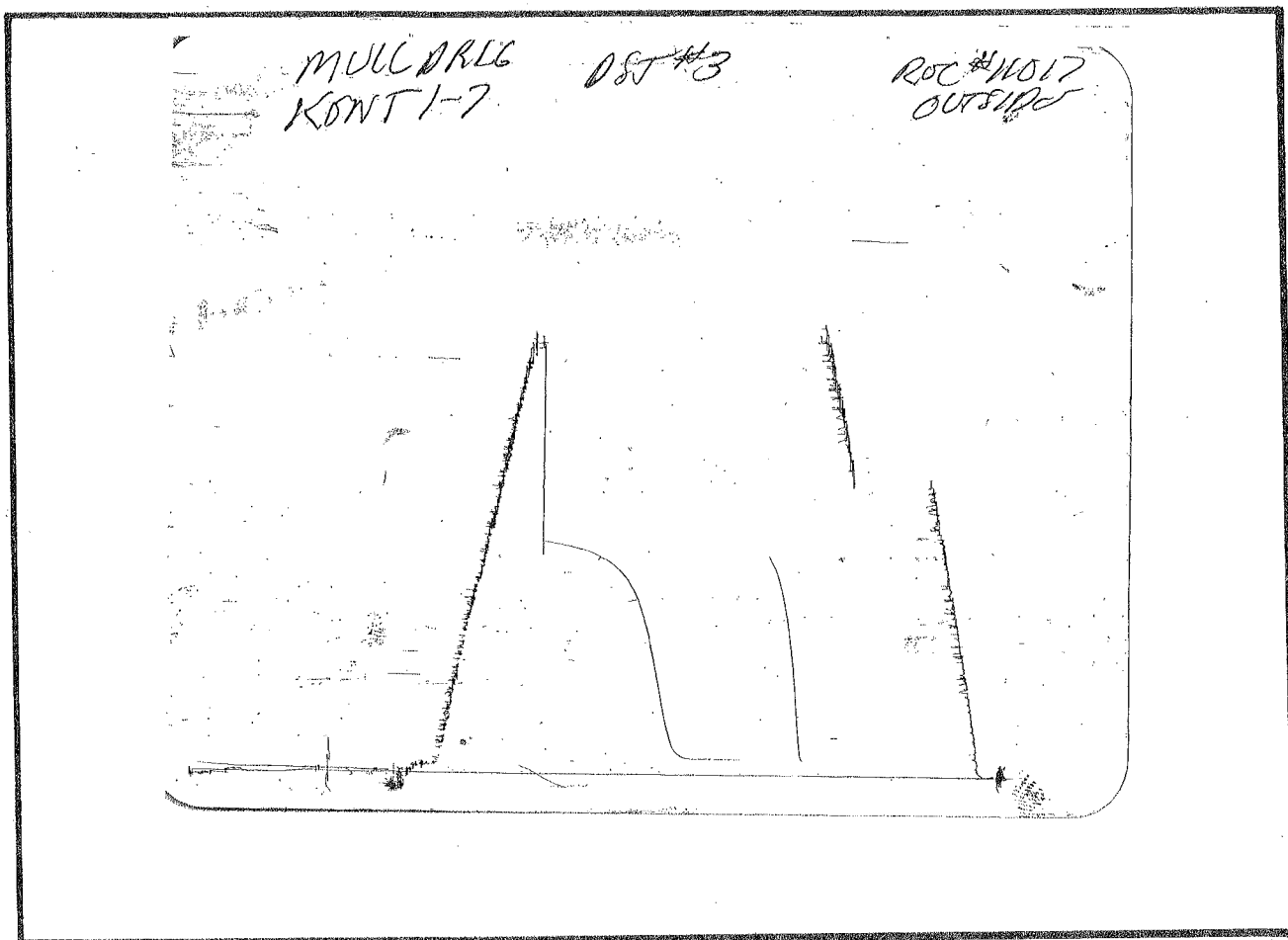
RECOVERY: 90' GAS IN PIPE
30' VERY SLIGHTLY OIL+GAS CUT MUD

MULL DRILLING CO INC
DST#3 4400 TO 4500
Start Test Date: 2008/10/28
Final Test Date: 2008/10/28

KENT #1-7

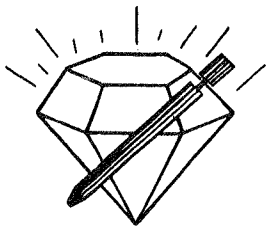
KENT #1-7
Formation: PAWNEE, MYRICK STATION, FORT SCOTT
Job Number: D493





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2156	2156
(B) First Initial Flow Pressure.....	23	23
(C) First Final Flow Pressure	25	25
(D) Initial Closed-in Pressure	1099	1099
(E) Second Initial Flow Pressure.....	11	11
(F) Second Final Flow Pressure.....	13	13
(G) Final Closed-in Pressure.....	1139	1139
(H) Final Hydrostatic Mud.....	2131	2131



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Company Mull Drilling Co., Inc. Lease & Well No. Kent No. 1-7

Elevation 2712 KB Formation Cherokee Sand Effective Pay -- Ft. Ticket No. J2291

Date 10-29-08 Sec. 7 Twp. 18S Range 27W County Lane State Kansas

Test Approved By Kevin L. Kessler Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 4,490 ft. to 4,560 ft. Total Depth 4,560 ft.

Packer Depth 4,485 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,490 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,493 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,557 ft. Recorder Number 11017 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 55 Weight Pipe Length -- ft. I.D. -- in.

Weight 10.0 Water Loss 10.0 cc. Drill Pipe Length 4,470 ft. I.D. 3 1/2 in.

Chlorides 3,750 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 70 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. No blow back during shut-in.

2nd Open: Weak, surface blow. No blow back during shut-in.

Recovered 10 ft. of drilling mud = .142300 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks --

Time Set Packer(s) 11:30 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 1:40 ~~P.M.~~ ^{A.M.} Maximum Temperature 116°

Initial Hydrostatic Pressure (A) 2277 P.S.I.

Initial Flow Period Minutes 10 (B) 10 P.S.I. to (C) 11 P.S.I.

Initial Closed In Period Minutes 30 (D) 606 P.S.I.

Final Flow Period Minutes 30 (E) 10 P.S.I. to (F) 10 P.S.I.

Final Closed In Period Minutes 60 (G) 313 P.S.I.

Final Hydrostatic Pressure (H) 2206 P.S.I.

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: KENT #1-7

Operator: MULL DRILLING CO INC

Location-Downhole: DST#4 4490 4560

Location-Surface: S7/18S/27W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number: D495

Test Unit: 2

Start Date: 2008/10/29

Start Time: 09:40:00

End Date: 2008/10/29

End Time: 16:40:00

Report Date: 2008/10/29

Prepared By: JOHN RIEDL

Remarks:

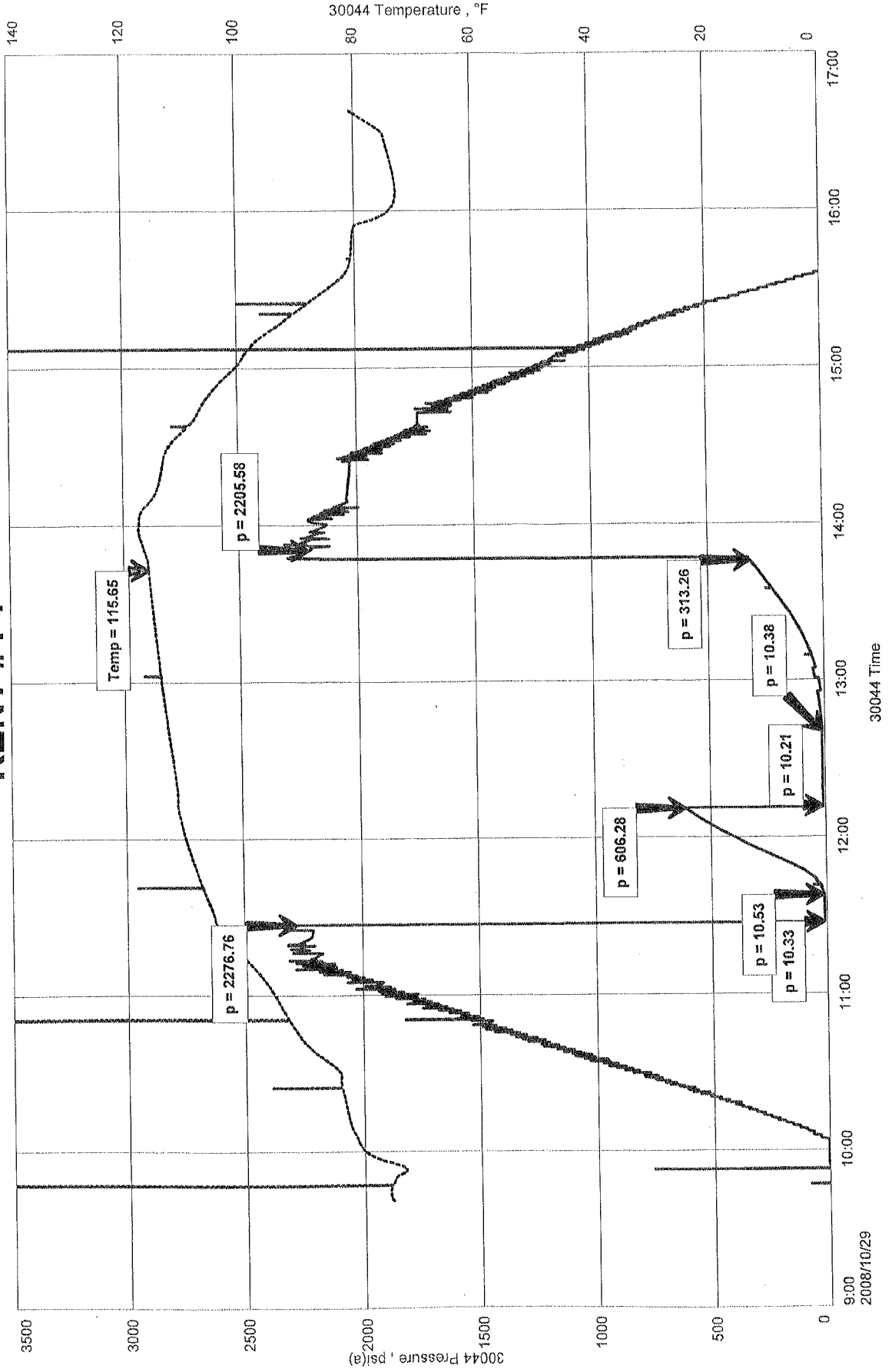
Qualified By: KEVIN KESSLER

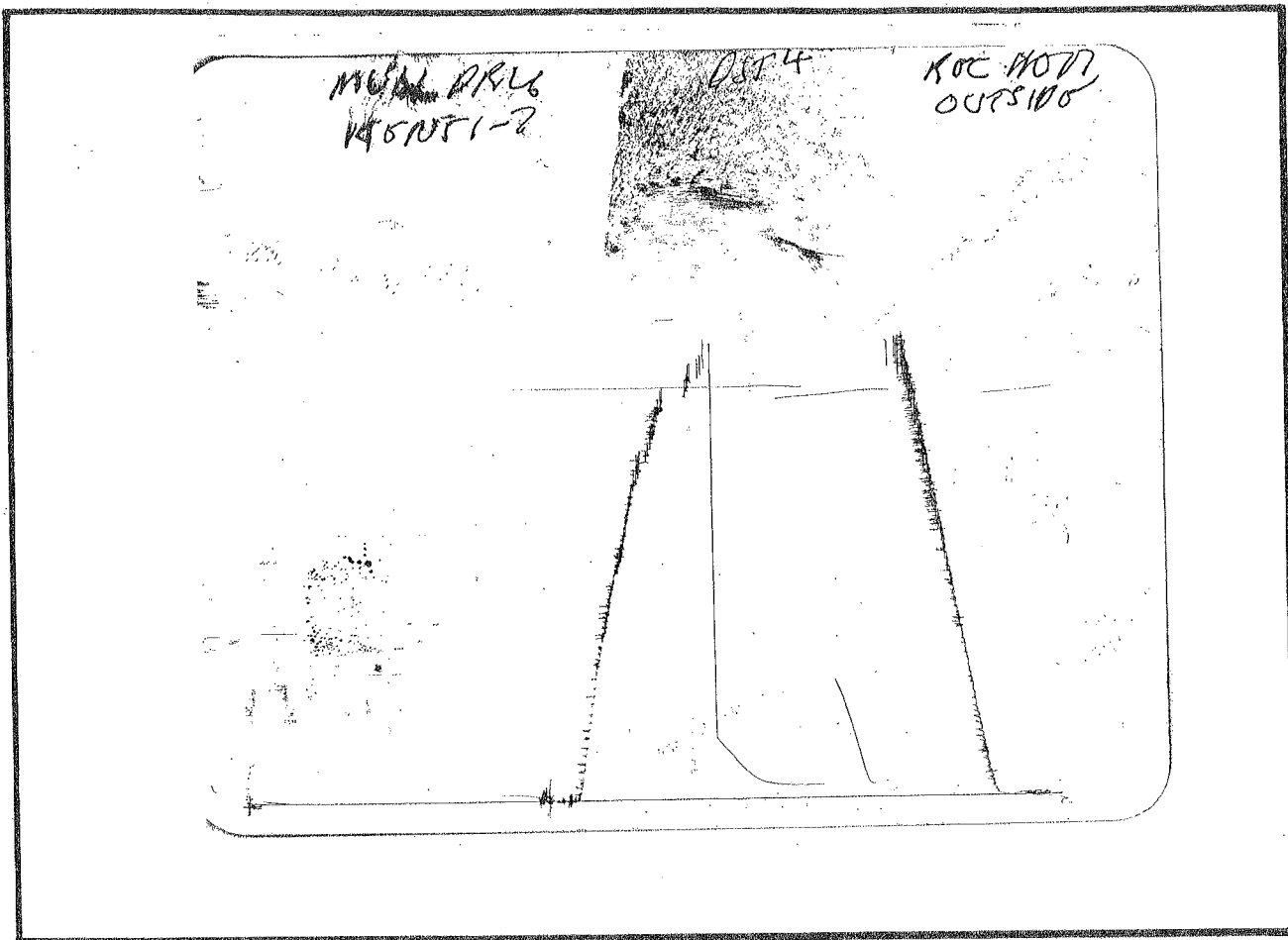
RECOVERY: 10' DRILLING MUD

KENT #1-7
Formation: CHEROKEE SAND
Job Number: D495

MULL DRILLING CO INC
DST#4 4490 4560
Start Test Date: 2008/10/29
Final Test Date: 2008/10/29

KENT #1-7





This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Elec. Office Reading
(A) Initial Hydrostatic Mud	2277	2277
(B) First Initial Flow Pressure.....	10	10
(C) First Final Flow Pressure	11	11
(D) Initial Closed-in Pressure	606	606
(E) Second Initial Flow Pressure.....	10	10
(F) Second Final Flow Pressure.....	10	10
(G) Final Closed-in Pressure.....	313	313
(H) Final Hydrostatic Mud	2206	2206