

15-101-22000

14-175-28w

K65

14-175-28

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.d387

Page 1 of 2 Pages

Company Mull Drilling Company, Inc. Lease & Well No. Borell "A" No. 1-14

Elevation 2751 KB Formation Lansing/Kansas City "E" & "F" Effective Pay -- Ft. Ticket No. 2269

Date 3-9-07 Sec. 14 Twp. 17S Range 28W County Lane State Kansas

Test Approved By Kevin L. Kessler Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,030 ft. to 4,070 ft. Total Depth 4,070 ft.

Packer Depth 4,025 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,030 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 4,018 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,067 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 40 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4,005 ft. I.D. 3 1/2 in.

Chlorides 2,200 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen 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: Weak, 1/8 in., blow throughout. No blow back during shut-in.

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

Recovered 3 ft. of slightly oil cut mud = .042600 bbls. (Grind out: 1%-oil; 99%-mud)

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 13%-oil; 87%-mud

Time Set Packer(s) 5:20 ^{A.M.}~~P.M.~~ Time Started Off Bottom 7:30 ^{A.M.}~~P.M.~~ Maximum Temperature 112°

Initial Hydrostatic Pressure (A) 1942 P.S.I.

Initial Flow Period Minutes 10 (B) 6 P.S.I. to (C) 9 P.S.I.

Initial Closed In Period Minutes 30 (D) 834 P.S.I.

Final Flow Period Minutes 30 (E) 6 P.S.I. to (F) 11 P.S.I.

Final Closed In Period Minutes 60 (G) 606 P.S.I.

Final Hydrostatic Pressure (H) 1932 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING COMPANY

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: BORELL 'A' #1-14

Operator: MULL DRILLING COMPANY

Location-Downhole: DST #1 LKC 'E-F' 4,030' - 4,070'

Location-Surface: SEC 14-17S-28W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL Job Number:

Test Unit: NO. 1

Start Date: 2007/03/09 Start Time: 02:45:00

End Date: 2007/03/09 End Time: 09:31:00

Report Date: Prepared By:

Remarks: Qualified By:

RECOVERED: 3' SLTOCM 1% OIL, 99% MUD

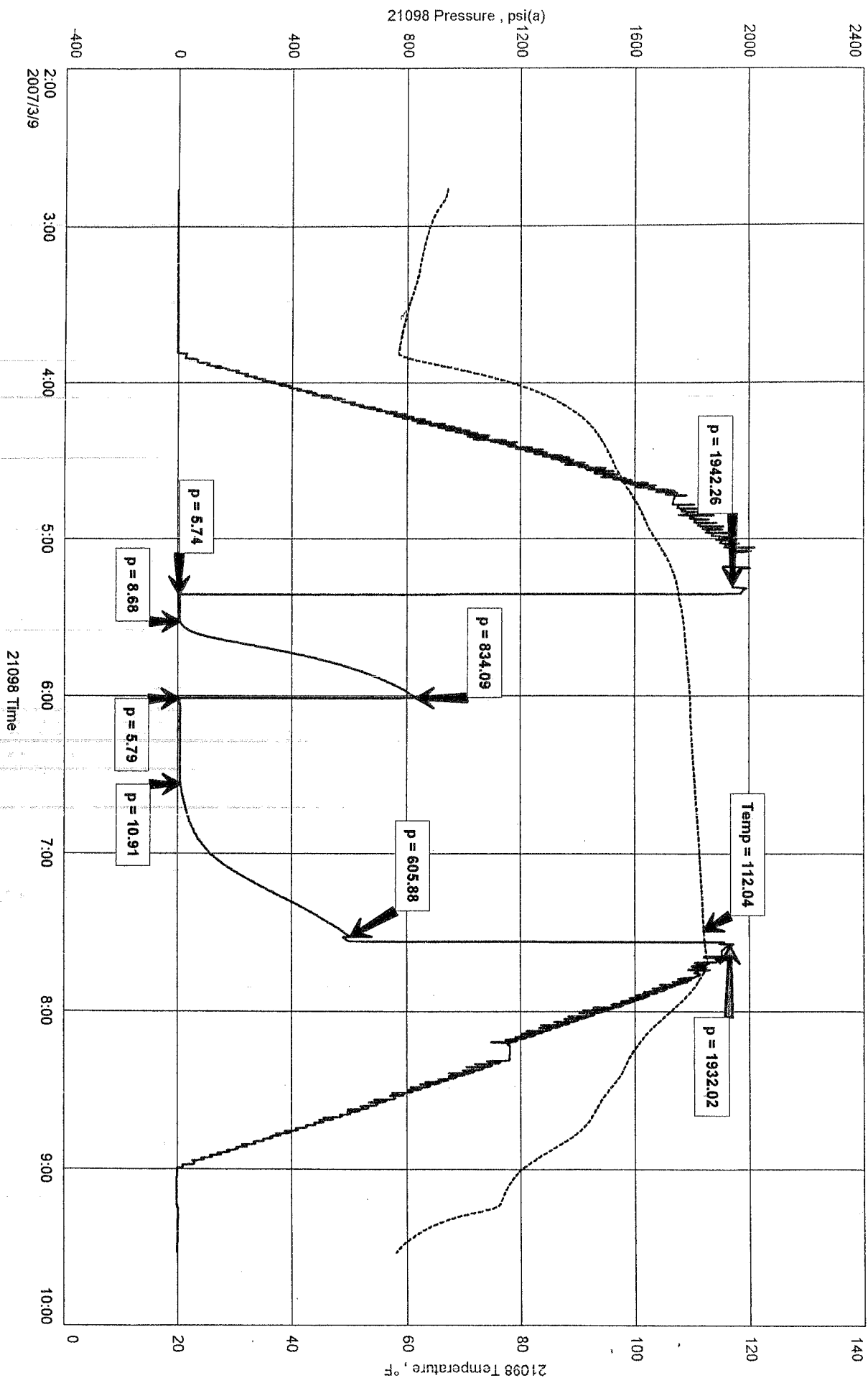
TOOL SAMPLE: 13% OIL, 87% MUD

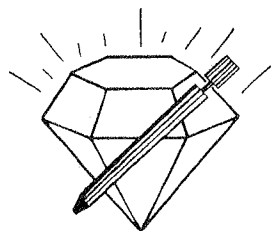
RAN ALL PERF'S IN ANCHOR.

MULL DRILLING COMPANY
 DST #1 LKC 'E-F' 4.030' - 4.070'
 Start Test Date: 2007/03/09
 Final Test Date: 2007/03/09

BORELL 'A' #1-14
 Formation: DST #1 LKC 'E-F' 4.030' - 4.070'
 Pool: WILDCAT

BORELL 'A' #1-14





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.d388

Page 1 of 2 Pages

Company Mull Drilling Company, Inc. Lease & Well No. Borell "A" No. 1-14

Elevation 2751 KB Formation Lansing/Kansas City "I" & "J" Effective Pay -- Ft. Ticket No. 2270

Date 3-10-07 Sec. 14 Twp. 17S Range 28W County Lane State Kansas

Test Approved By Kevin L. Kessler Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 4,160 ft. to 4,220 ft. Total Depth 4,220 ft.

Packer Depth 4,155 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,160 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,148 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,217 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 41 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 4,135 ft. I.D. 3 1/2 in.

Chlorides 3,100 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 29' 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: Good, 2 in., blow increasing. Off bottom of bucket in 3 1/2 mins. Fair, 1 1/8 in., blow back during shut-in.

2nd Open: Good, 2 in., blow increasing. Off bottom of bucket in 4 1/2 mins. Good, 10 3/4 in., blow back during shut-in.

Recovered 2,300 ft. of gas in pipe

Recovered 355 ft. of clean oil = 5.041000 bbls. (Gravity: 37.2 @ 60°)

Recovered 124 ft. of gas cut muddy oil = 1.760800 bbls. (Grind out: 14%-gas; 38%-mud; 48%-oil)

Recovered 62 ft. of gas & mud cut watery oil = .880400 bbls. (Grind out: 10%-gas; 6%-mud; 15%-water; 69%-oil)

Recovered 114 ft. of gas & water cut muddy oil = 1.618800 bbls. (Grind out: 10%-gas; 16%-water; 28%-mud; 46%-oil)

Recovered 10 ft. of salt water = .142000 bbls. (Chlorides: 34,500 Ppm)

Recovered 665 ft. of TOTAL FLUID = 9.443000 bbls.

Remarks Tool Sample Grind Out: 3%-gas; 19%-water; 31%-mud; 47%-oil

Time Set Packer(s) 4:25 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 8:05 ~~P.M.~~ ^{A.M.} Maximum Temperature 122°

Initial Hydrostatic Pressure (A) 2035 P.S.I.

Initial Flow Period Minutes 10 (B) 41 P.S.I. to (C) 94 P.S.I.

Initial Closed In Period Minutes 30 (D) 948 P.S.I.

Final Flow Period Minutes 60 (E) 118 P.S.I. to (F) 263 P.S.I.

Final Closed In Period Minutes 120 (G) 932 P.S.I.

Final Hydrostatic Pressure (H) 2011 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING COMPANY

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: BORELL 'A' #1-14

Operator: MULL DRILLING COMPANY

Location-Downhole: DST #2 LKC 'I-J' 4,160' - 4,220'

Location-Surface: SEC 14-17S-28W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/03/10

Start Time: 02:25:00

End Date: 2007/03/10

End Time: 11:50:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 2,300' GAS IN PIPE : 355' CO 37.2 GRAV. @ 60 deg.

124' GCMO 14% GAS, 38% MUD, 48% OIL

62' G&MCWO 10% GAS, 6% MUD, 15% WTR, 69% OIL

114' G&WCMO 10% GAS, 28% MUD, 16% WTR, 46% OIL

10' SW CHLORIDES 34,500 Ppm

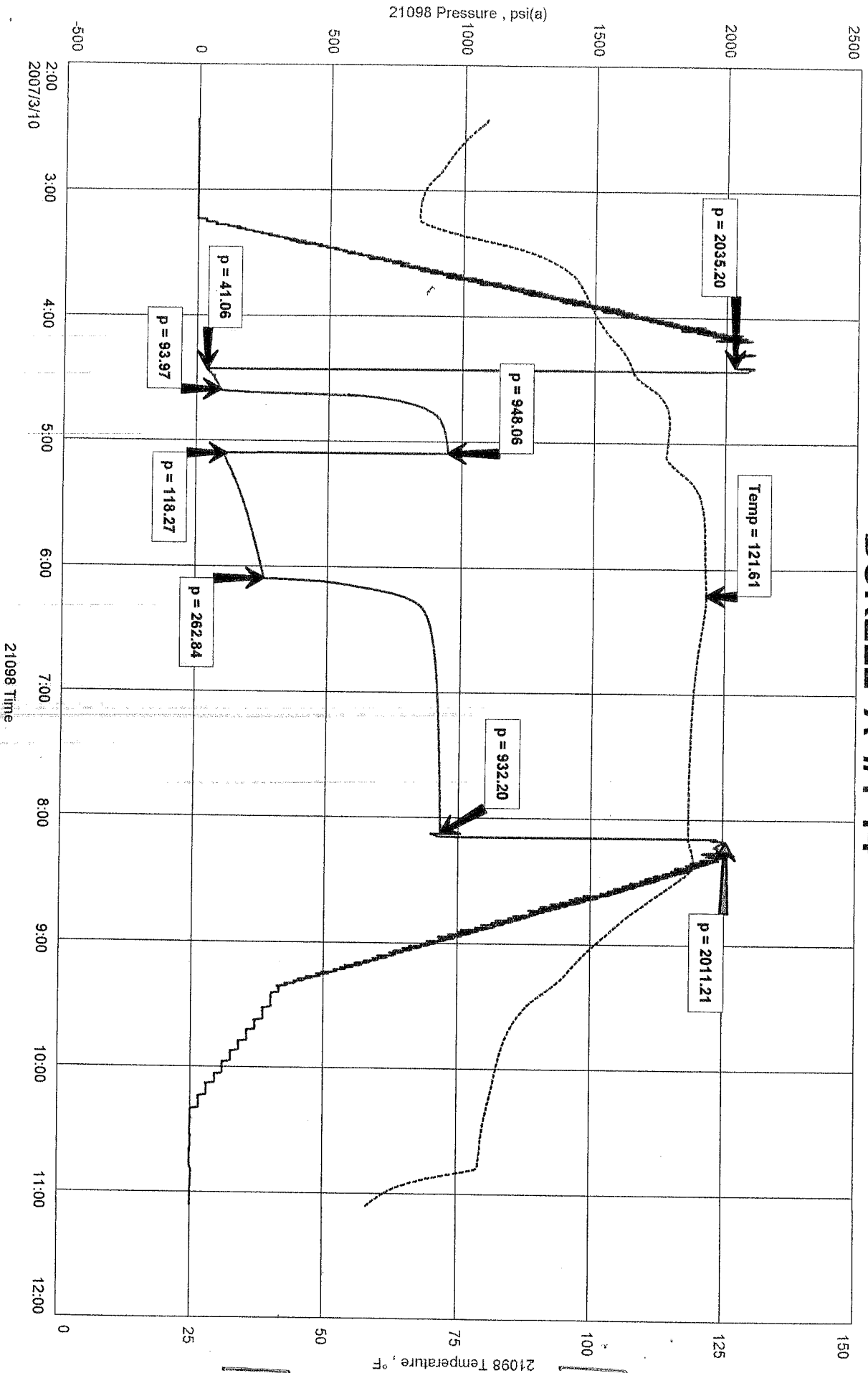
665' TOTAL FLUID

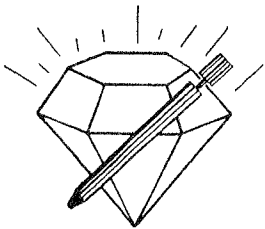
TOOL SAMPLE: 3% GAS, 19% WTR, 31% MUD, 47% OIL

MULL DRILLING COMPANY
DST #2 LKC 'I-J' 4,160' - 4,220'
Start Test Date: 2007/03/10
Final Test Date: 2007/03/10

BORELL 'A' #1-14

BORELL 'A' #1-14
Formation: DST #2 LKC 'I-J' 4,160' - 4,220'
Pool: WILDCAT





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 21098.d389

Page 1 of 2 Pages

Company Mull Drilling Company, Inc. Lease & Well No. Borell "A" No. 1-14
Elevation 2751 KB Formation Marmaton Effective Pay -- Ft. Ticket No. 2271
Date 3-11-07 Sec. 14 Twp. 17S Range 28W County Lane State Kansas
Test Approved By Kevin L. Kessler Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 4,300 ft. to 4,420 ft. Total Depth 4,420 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) 4,287 ft. Recorder Number 21098 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 4,417 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 54 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 4,275 ft. I.D. 3 1/2 in.

Chlorides 2,700 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 28' perf. w/92' 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 to 2 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing to 3 1/2 ins. No blow back during shut-in.

Recovered 77 ft. of drilling mud with oil specks throughout = 1.093400 bbls.

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Recovered -- ft. of --

Remarks Tool Sample Grind Out: 100%-drilling mud with good free oil on top

Time Set Packer(s) 1:07 AM. P.M. Time Started Off Bottom 4:47 AM. P.M. Maximum Temperature 116 °
Initial Hydrostatic Pressure (A) 2141 P.S.I.
Initial Flow Period Minutes 10 (B) 5 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period Minutes 30 (D) 1184 P.S.I.
Final Flow Period Minutes 60 (E) 18 P.S.I. to (F) 46 P.S.I.
Final Closed In Period Minutes 120 (G) 1170 P.S.I.
Final Hydrostatic Pressure (H) 2122 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING COMPANY

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: BORELL 'A' #1-14

Operator: MULL DRILLING COMPANY

Location-Downhole: DST #3 MARMATON 4,300' - 4,420'

Location-Surface: SEC 14-17S-28W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/03/11

Start Time: 10:54:00

End Date: 2007/03/11

End Time: 18:52:00

Report Date:

Prepared By:

Remarks:

Qualified By:

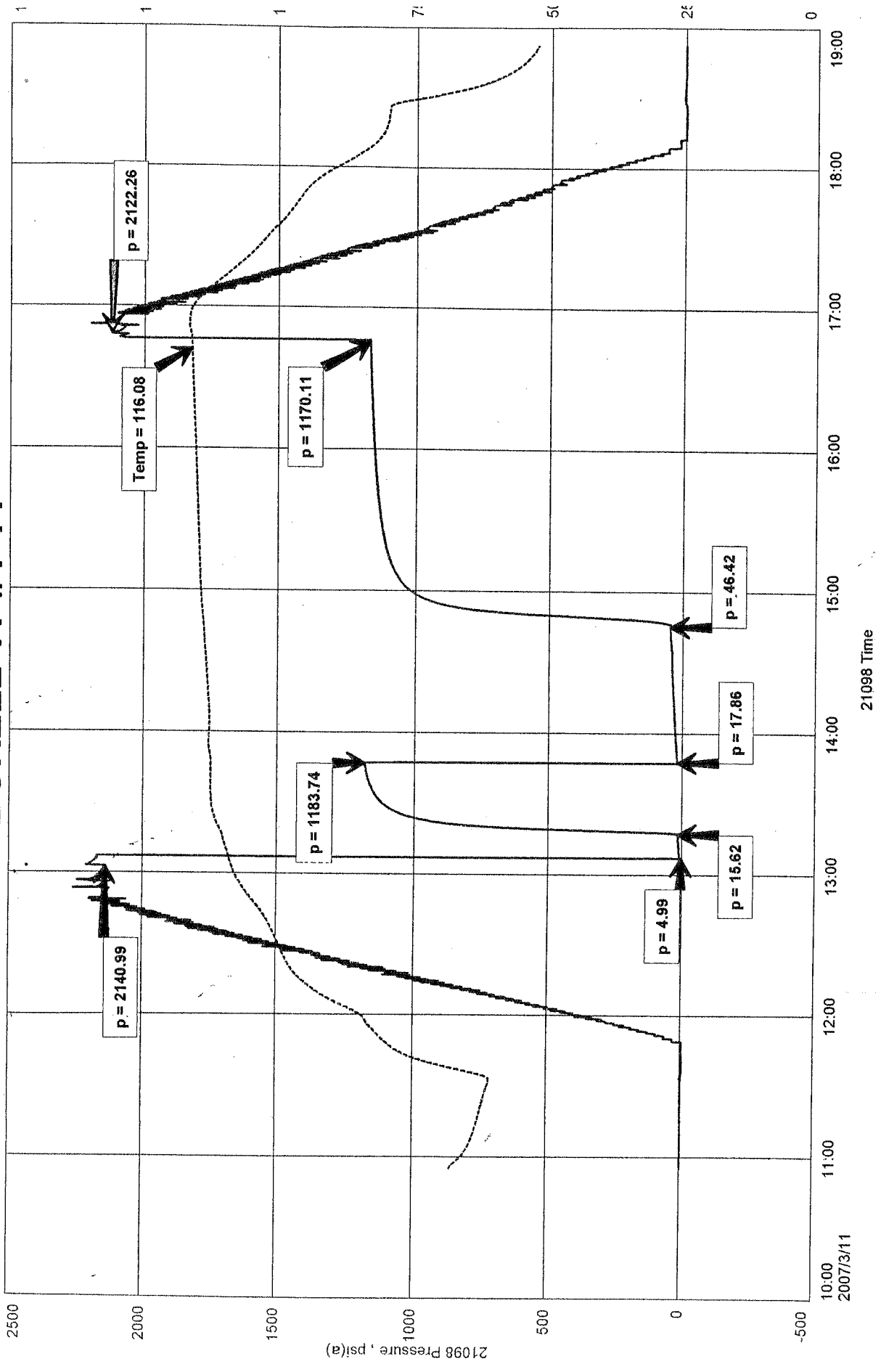
RECOVERED: 77' DM WITH OIL SPECKS THRU-OUT

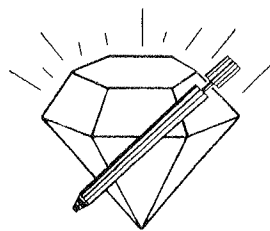
TOOL SAMPLE: 100% DM WITH GOOD FREE OIL ON TOP

BORELL 'A'
Formation: DST #3 MARMATON 4,300' - 4,420'
Pool: WILF

WILL DRILLING COMPANY
DST #3 MARMATON 4,300' - 4,420'
Start Test Date: 2007/03/11
Final Test Date: 2007/03/11

BORELL 'A' #1-14





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 21098.d390

Page 1 of 2 Pages

Company Mull Drilling Company, Inc. Lease & Well No. Borell "A" No. 1-14
Elevation 2751 KB Formation Mississippi Effective Pay -- Ft. Ticket No. 2272
Date 3-12-07 Sec. 14 Twp. 17S Range 28W County Lane State Kansas
Test Approved By Kevin L. Kessler Diamond Representative Roger D. Friedly
Formation Test No. 4 Interval Tested from 4,575 ft. to 4,595 ft. Total Depth 4,595 ft.
Packer Depth 4,570 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4,575 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,563 ft. Recorder Number 21098 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 4,592 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 51 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.2 Water Loss 7.2 cc. Drill Pipe Length 4,550 ft. I.D. 3 1/2 in.
Chlorides 2,400 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number Not Run Anchor Length 20 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, 1/2 in., blow increasing to 4 ins. No blow back during shut-in.
2nd Open: Weak, surface blow increasing. Off bottom of bucket in 40 mins. No blow back during shut-in.
Recovered 36 ft. of clean oil = .511200 bbls. (Gravity: 34 @ 60°)
Recovered 31 ft. of gas & water cut oily mud = .440200 bbls. (Grind out: 2%-gas; 4%-water; 6%-oil; 88%-mud)
Recovered 62 ft. of gas & oil cut muddy water = .880400 bbls. (Grind out: 2%-gas; 4%-oil; 41%-mud; 53%-water)
Recovered 124 ft. of oil cut muddy water = 1.760800 bbls. (Grind out: 4%-oil; 8%-mud; 88%-water)
Recovered 253 ft. of TOTAL FLUID = 3.592600 bbls.
Remarks Tool Sample Grind Out: 2%-oil; 2%-mud; 96%-water

Time Set Packer(s) 9:00 P.M. Time Started Off Bottom 12:40 P.M. Maximum Temperature 129°
Initial Hydrostatic Pressure (A) 2255 P.S.I.
Initial Flow Period Minutes 10 (B) 8 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period Minutes 30 (D) 1234 P.S.I.
Final Flow Period Minutes 60 (E) 31 P.S.I. to (F) 116 P.S.I.
Final Closed In Period Minutes 120 (G) 1198 P.S.I.
Final Hydrostatic Pressure (H) 2233 P.S.I.

GENERAL INFORMATION

Client Information:

Company: MULL DRILLING COMPANY

Contact: ERNIE MORRISON

Phone: Fax: e-mail:

Site Information:

Contact: KEVIN KESSLER

Phone: Fax: e-mail:

Well Information:

Name: BORELL 'A' #1-14

Operator: MULL DRILLING COMPANY

Location-Downhole: DST #4 MISSISSIPPI 4,575' - 4,595'

Location-Surface: SEC 14-17S-28W LANE COUNTY

Test Information:

Company: DIAMOND TESTING

Representative: ROGER D. FRIEDLY

Supervisor: KEVIN KESSLER

Test Type: CONVENTIONAL

Job Number:

Test Unit: NO. 1

Start Date: 2007/03/12

Start Time: 18:55:00

End Date: 2007/03/13

End Time: 03:03:00

Report Date:

Prepared By:

Remarks:

Qualified By:

RECOVERED: 36' CLEAN OIL 34 GRAVITY @ 60 deg.
 31' G&WCOM 2% GAS, 4% WTR, 6% OIL, 88% MUD
 62' G&OCMW 2% GAS, 4% OIL, 41% MUD, 53% WTR
 124' OCMW 4% OIL, 8% MUD, 88% WTR CHLORIDES 13,000 Ppm
 253' TOTAL FLUID

TOOL SAMPLE: 2% OIL, 2% MUD, 96% WTR

MULL DRILLING COMPANY
 DST #4 MISSISSIPPI 4.575' - 4.595'
 Start Test Date: 2007/03/12
 Final Test Date: 2007/03/13

BORELL 'A' #1-14
 Formation: DST #4 MISSISSIPPI 4.575' - 4.595'
 Pool: WILDCAT

BORELL 'A' #1-14

