

DIAMOND TESTING

P.O. Box 157

LOUISINGTON, KANSAS 67544

(800) 542-7313

11-15-11w

CLOCK ON: 18:10

CLOCK OFF: 00:39

DRILL-STEM TEST TICKET

15-167-23574

CONFIDENTIAL

JUN 29 2009

Company BUFFALO RESOURCES LLC Lease & Well No. BERAN #1-11
Contractor DUKE RIG #2 Charge to BUFFALO RESOURCES LLC
Elevation 1,645 KB Formation LANS 'C-D' Effective Pay _____ Ft. Ticket No. _____
Date 5.24.09 Sec. 11 Twp. 15 S Range 11 W County RUSSELL State KANSAS
Test Approved By ROGER MARTIN Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 2,821 ft. to 2,858 ft. Total Depth 2,858 ft.
Packer Depth 2,816 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 2,821 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2,809 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 1,855 ft. Recorder Number 3815 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,800 P.P.M. Drill Pipe Length 2,788 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number #1 Test Tool Length 33 ft. Tool Size 3 1/2-1F in.
Did Well Flow? NO Reversed Out NO Anchor Length 37 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW INCREASING TO 1/8" - DECREASING IN 15 MIN - DEAD IN 30 MIN. (NOBB)
2nd Open: NO BLOW (NOBB)

Recovered 10 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: _____
TOOL SAMPLE: 100% DM WITH A SCUM OF OIL

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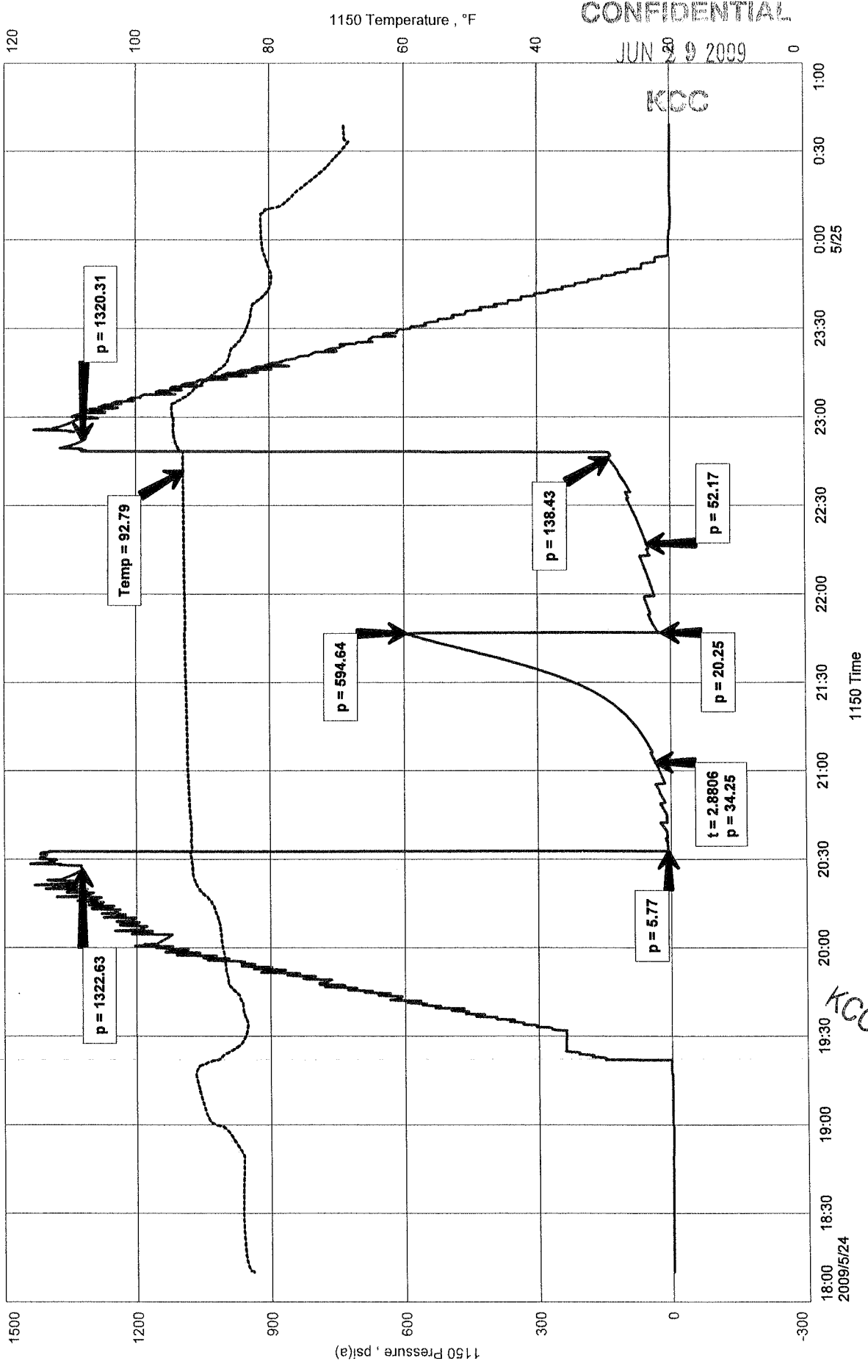
Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 8:33 P.M. A.M. P.M. Time Started Off Bottom 10:48 P.M. A.M. P.M. Maximum Temperature 93
Initial Hydrostatic Pressure _____ (A) 1,323 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 6 P.S.I. to (C) 34 P.S.I.
Initial Closed In Period _____ Minutes 45 (D) 595 P.S.I.
Final Flow Period _____ Minutes 30 (E) 20 P.S.I. to (F) 52 P.S.I.
Final Closed In Period _____ Minutes 30 (G) 138 P.S.I.
Final Hydrostatic Pressure _____ (H) 1,320 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

11-15-11w

BUFFALO RESOURCES LLC
 DST #1 LANSING 'C-D' 2,821'-2,858'
 Start Test Date: 2009/05/24
 Final Test Date: 2009/05/25
 BERAN #1-11
 Formation: DST #1 LANSING 'C-D' 2,821' - 2,858'
 BERAN #1-11



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Diamond Testing

General information Report

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General Information

Company Name **BUFFALO RESOURCES LLC**

Contact

WRAY VALENTINE

Well Name

BERAN #1-11

Job Number

Unique Well ID

DST #1 LANSING 'C-D' 2,821'-2,858'

Representative

ROGER D. FRIEDLY

Surface Location

SEC 11-15S-11W RUSSELL COUNTY

Well Operator

BUFFALO RESOURCES LLC

Well License Number

Report Date

2009/05/25

Field

WILDCAT

Prepared By

ROGER D. FRIEDLY

Well Type

Vertical

Test Type

Formation

DST #1 LANSING 'C-D' 2,821' - 2,858'

Well Fluid Type

Start Test Time

18:10:00

Final Test Time

00:39:00

Start Test Date

2009/05/24

Final Test Date

2009/05/25

Gauge Name

1150

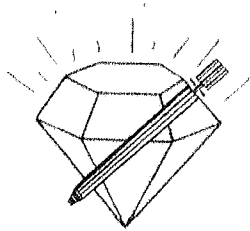
Gauge Serial Number

Test Results

RECOVERED: 10 DM 100% MUD

TOOL SAMPLE: 100% DM WITH A SCUM OF OIL

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DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

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DRILL-STEM TEST TICKET

JUN 29 2009

Company **BUFFALO RESOURCES LLC** Lease & Well No. **BERAN #1-11** **KCC**
Contractor **DUKE RIG #2** Charge to **BUFFALO RESOURCES LLC**
Elevation **1,645 KB** Formation **CONG.** Effective Pay _____ Ft. Ticket No. _____
Date **5.26.09** Sec. **11** Twp. **15** S Range **11** W County **RUSSELL** State **KANSAS**
Test Approved By **ROGER MARTIN** Diamond Representative **ROGER D. FRIEDLY**

Formation Test No. **2** Interval Tested from **3,078** ft. to **3,158** ft. Total Depth **3,158** ft.

Packer Depth **3,073** ft. Size **6 3/4** in. Packer Depth _____ ft. Size _____ in.

Packer Depth **3,078** ft. Size **6 3/4** in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) **3,059** ft. Recorder Number **1150** Cap. **5,000** P.S.I.
Bottom Recorder Depth (Outside) **3,155** ft. Recorder Number **3815** Cap. **5,700** P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type **CHEMICAL** Viscosity **56** Drill Collar Length **0** ft. I.D. **2 1/4** in.
Weight **9.35** Water Loss **8.8** cc. Weight Pipe Length **0** ft. I.D. **2 7/8** in.
Chlorides **4,900** P.P.M. Drill Pipe Length **3,045** ft. I.D. **3 1/2** in.
Jars: Make **BOWEN** Serial Number **#1** Test Tool Length **33** ft. Tool Size **3 1/2-IF** in.
Did Well Flow? **NO** Reversed Out **NO** Anchor Length **80** ft. Size **4 1/2-FH** in.
Main Hole Size **7 7/8** Tool Joint Size **4 1/2 XH** in. 32 DRILL PIPE Surface Choke Size **1** in. Bottom Choke Size **5/8** in.

Blow: 1st Open: **WEAK 1/4" BLOW INCREASING TO 6"** (NOBB)

2nd Open: **WEAK SURFACE BLOW INCREASING TO 6"** (NOBB)

Recovered **30** ft. of **GAS IN PIPE**

Recovered **30** ft. of **CLEAN OIL 31 GRAVITY @ 60 deg.**

Recovered **70** ft. of **HOCM 30% OIL, 70% MUD**

Recovered **17** ft. of **OCM 12% OIL, 88% MUD**

Recovered **117** ft. of **TOTAL FLUID**

Remarks: _____

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Price Job

Other Charges

Insurance

Total

TOOL SAMPLE: **18% MUD, 82% OIL**

Time Set Packer(s) **12:03 P.M.** A.M. P.M. Time Started Off Bottom **3:48 P.M.** A.M. P.M. Maximum Temperature **97**

Initial Hydrostatic Pressure (A) **1,491** P.S.I.

Initial Flow Period Minutes **30** (B) **9** P.S.I. to (C) **30** P.S.I.

Initial Closed In Period Minutes **45** (D) **816** P.S.I.

Final Flow Period Minutes **60** (E) **32** P.S.I. to (F) **56** P.S.I.

Final Closed In Period Minutes **90** (G) **843** P.S.I.

Final Hydrostatic Pressure (H) **1,490** P.S.I.

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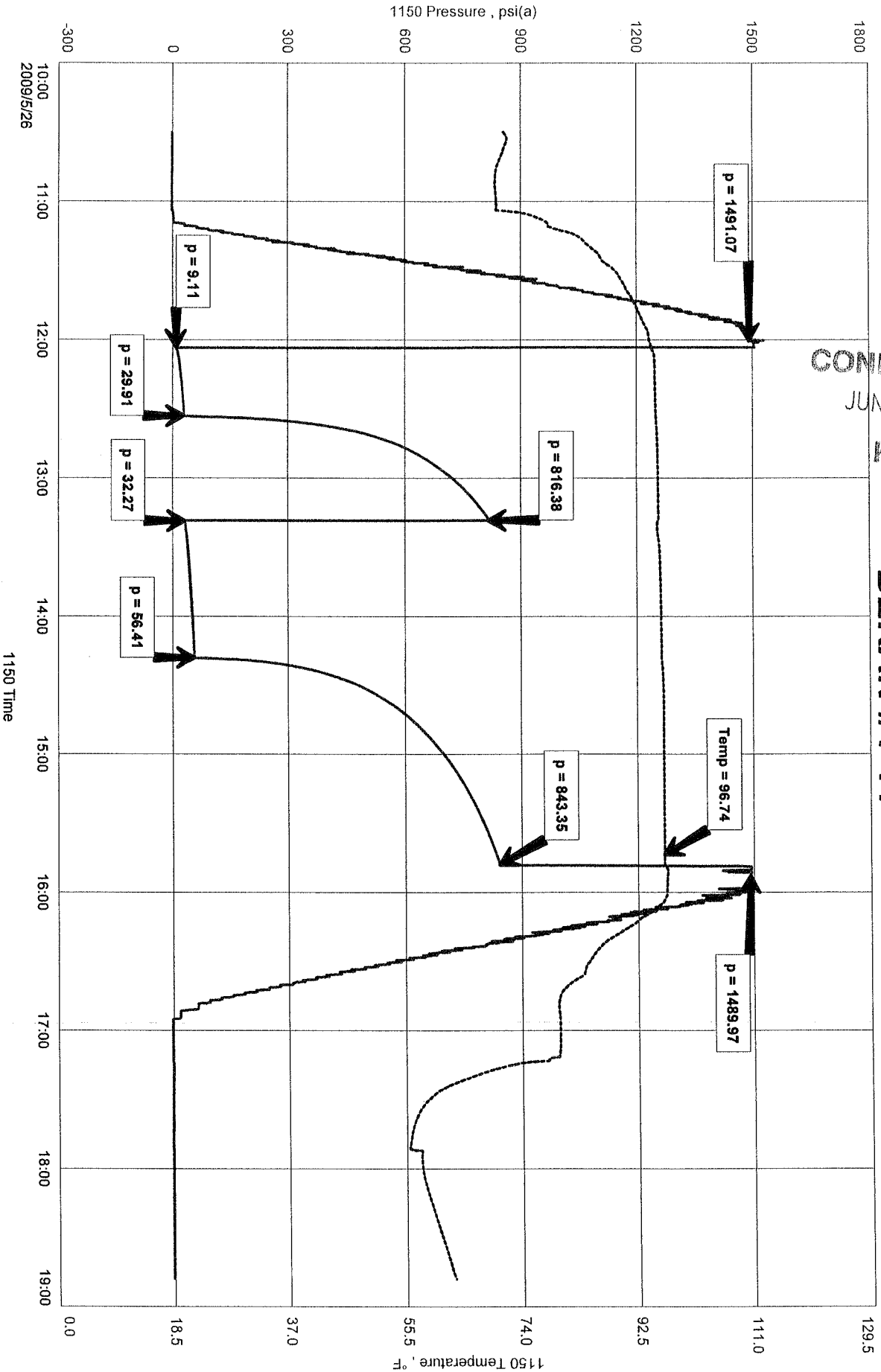
BUFFALO RESOURCES LLC
DST #2 CONG 3,078' - 3,158'
Start Test Date: 2009/05/26
Final Test Date: 2009/05/26

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BERAN #1-11

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BERAN #1-11
Formation: DST #2 CONG 3,078' - 3,158'



Diamond Testing

General information Report

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JUN 29 2009

KCC

General Information

Company Name **BUFFALO RESOURCES LLC**

Contact **WRAY VALENTINE**
Well Name **BERAN #1-11**
Unique Well ID **DST #2 CONG 3,078' - 3,158'**
Surface Location **SEC 11-15S-11W RUSSELL COUNTY**
Well License Number
Field **WILDCAT**
Well Type **Vertical**

Job Number
Representative **ROGER D. FRIEDLY**
Well Operator **BUFFALO RESOURCES LLC**
Report Date **2009/05/26**
Prepared By **ROGER D. FRIEDLY**

Test Type **Drill Stem Test**
Formation **DST #2 CONG 3,078' - 3,158'**
Well Fluid Type
Start Test Date **2009/05/26**
Final Test Date **2009/05/26**

Start Test Time **10:30:00**
Final Test Time **00:00:00**

Gauge Name **1150**
Gauge Serial Number

Test Results

RECOVERED: 30' GAS IN PIPE
30' CLEAN OIL 31 GRAVITY @ 60 deg.
70' HOCM 30% OIL, 70% MUD
17' OCM 12% OIL, 88% MUD
117' TOTAL FLUID

TOOL SAMPLE: 18% MUD, 82% OIL

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