



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: tanner1-35dst1

TIME ON: 10:26:00
 TIME OFF: 19:45:00

Company L.D. Drilling INC Lease & Well No. Tanner 1-35
 Contractor Petromark Drilling Charge to L.D. Drilling INC
 Elevation 2364 Formation Marmaton Effective Pay _____ Ft. Ticket No. S0006
 Date 7-11-11 Sec. 35 Twp. 19 S Range 25 W County Ness State KANSAS
 Test Approved By Kim Shoemaker Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 4151 ft. to 4238 ft. Total Depth 4238 ft.
 Packer Depth 4146 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4151 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4132 ft. Recorder Number 30035 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 4235 ft. Recorder Number 3851 Cap. 5700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 51 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 3000 P.P.M. Drill Pipe Length 3997 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number 3 / Safety Joints Test Tool Length 33 ft. Tool Size 3 1/2-FH in.
 Did Well Flow? NO Reversed Out NO Anchor Length 87 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 1/2" blow increasing to 2 1/4 inch in 30 min NOBB
 2nd Open: Weak 1/2" blow increasing to 4 1/4 inch in 45 min NOBB

Recovered 50 ft. of stl wtr gas oil cut mud 10% Gas 30% Oil 8% Wtr 52% Mud
 Recovered 10 ft. of stl wtr oil cut mud 15% Oil 10% Wtr 75% Mud
 Recovered 60 ft. of TOTAL FLUID

Recovered _____ ft. of _____ Ph: 8

Recovered _____ ft. of _____ Chlorides: 7,500 ppm Price Job _____

Recovered _____ ft. of _____ Other Charges _____

Remarks: _____ Insurance _____

TOOL SAMPLE: 13% Gas 22% Oil 20% Water 45% Mud Total _____

Time Set Packer(s) 2:14 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 5:14 PM ^{A.M.}/_{P.M.} Maximum Temperature 117

Initial Hydrostatic Pressure..... (A) 2010 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 10 P.S.I. to (C) 24 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 453 P.S.I.
 Final Flow Period..... Minutes 45 (E) 29 P.S.I. to (F) 35 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 347 P.S.I.
 Final Hydrostatic Pressure..... (H) 2010 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.

Diamond Testing

General information Report

General Information

Company Name LD Drilling INC

Contact	Petromark	Job Number	S0009
Well Name	Tanner 1-35	Representative	Jacob McCallie
Unique Well ID	DST #1 Marmaton 4151' to 4238'	Well Operator	LD Drilling INC
Surface Location	SEC 35-19S-25W Ness County	Report Date	2011/07/11
Well License Number		Prepared By	Jacob McCallie
Field	Wildcat		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	10:26:00
Formation	DST #1 Marmaton 4151' to 4238'	Final Test Time	19:45:00
Well Fluid Type	01 Oil		
Start Test Date	2011/07/11		
Final Test Date	2011/07/11		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

50'	Slt wtr gas oil mud	10% Gas	30% Oil	8% Wtr	53% Mud
10'	slt wat oil mud	15% Oil	10% Wtr	75% Mud	
60'	TOTAL FLUID				

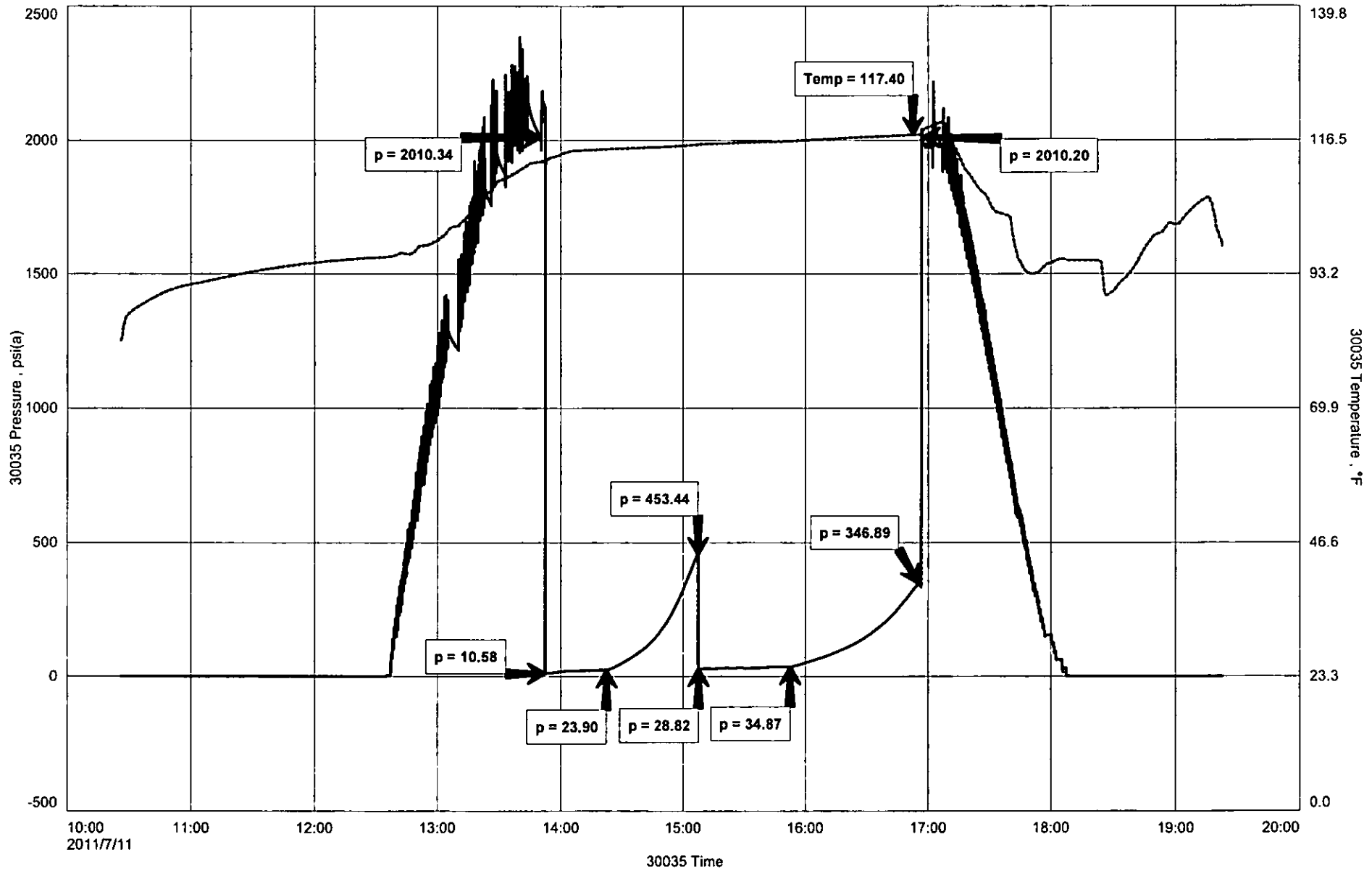
TOOL SAMPLE: 13% Gas 22% Oil 20% Wtr 45% Mud

CHLORIDES: 7500 ppm
Ph: 8

LD Drilling INC
DST #1 Marmaton 4151' to 4238'
Start Test Date: 2011/07/11
Final Test Date: 2011/07/11

Tanner 1-35
Formation: DST #1 Marmaton 4151' to 4238'
Pool: Wildcat
Job Number: S0009

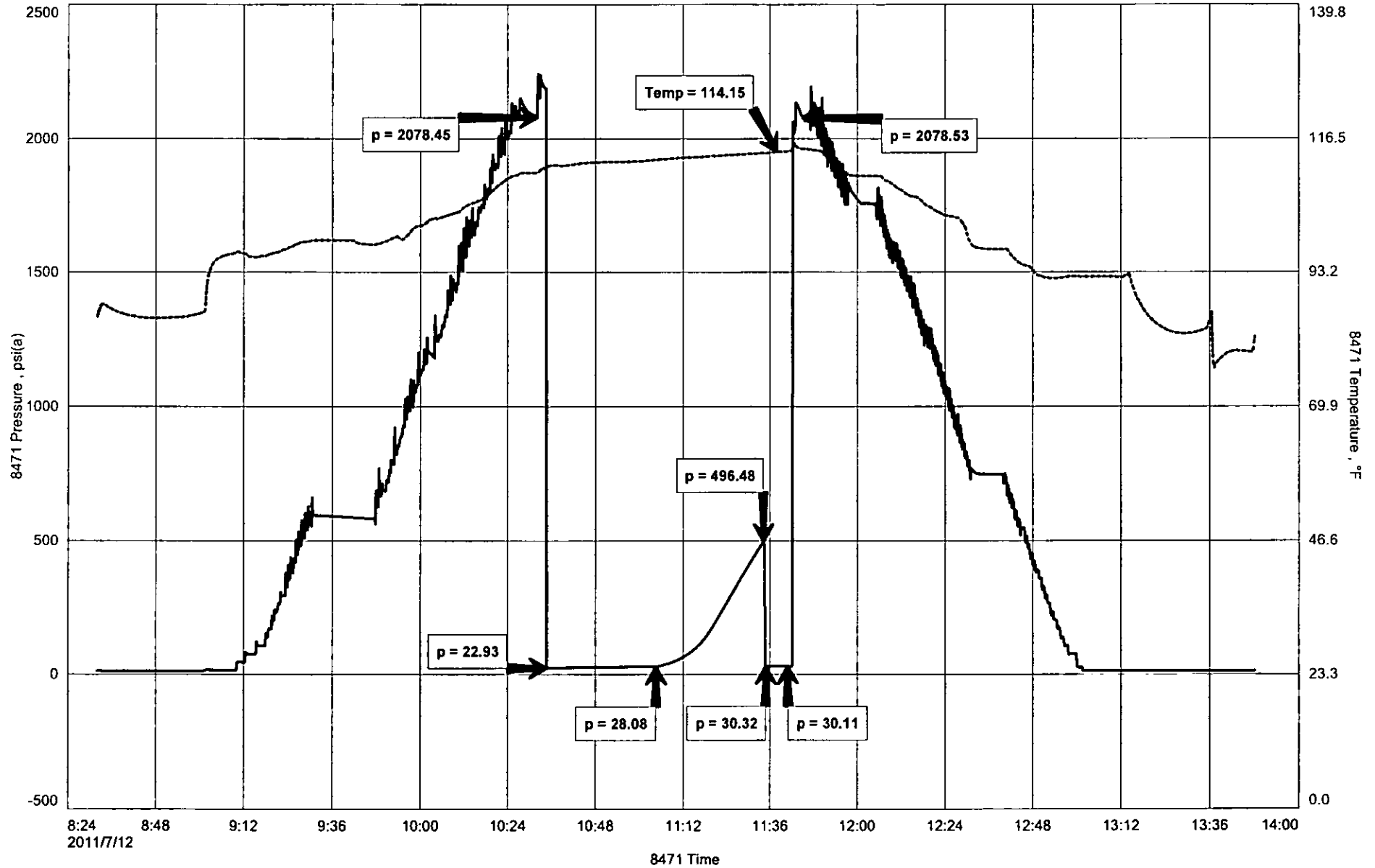
Tanner 1-35



L.D. DRILLING, INC.
DST #2 FT. SCOTT 4,274' - 4,350'
Start Test Date: 2011/07/12
Final Test Date: 2011/07/12

TANNER #1-35
Formation: DST #2 FT. SCOTT 4,274' - 4,350'
Pool: WILDCAT

TANNER #1-35



DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name TANNER #1-35
Unique Well ID DST #2 FT. SCOTT 4,274' - 4,350'
Surface Location SEC 35-19S-25W NESS COUNTY, KS
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL DRILL-STEM TEST
Formation DST #2 FT. SCOTT 4,274' - 4,350'
Well Fluid Type 01 Oil

Representative ROGER D. FRIEDLY
Well Operator L.D. DRILLING, INC.
Report Date 2011/07/12
Prepared By ROGER D. FRIEDLY
Qualified By KIM SHOEMAKER

Start Test Date 2011/07/12
Final Test Date 2011/07/12

Start Test Time 08:32:00
Final Test Time 13:48:00

Test Recovery:

RECOVERED: 8' DM 100% MUD

TOOL SAMPLE: 100% DM - FEW OIL SPECKS



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: TANNER135DST2

TIME ON: 08:32
TIME OFF: 13:48

Company L.D. DRILLING, INC. Lease & Well No. TANNER #1-35
Contractor PETROMARK RIG #2 Charge to L.D. DRILLING, INC.
Elevation 2,364' KB Formation FT. SCOTT Effective Pay _____ Ft. Ticket No. _____
Date 7.12.11 Sec. 35 Twp. 19 S Range 25 W County NESS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 4,274 ft. to 4,350 ft. Total Depth 4,350 ft.
Packer Depth 4,269 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,274 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,255 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 76 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4,120 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 92 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 1/2" BLOD DECREASING IN 20 MIN - WEAK SURFACE BLOW @ END (NObb)
2nd Open: NO BLOW (NObb)

Recovered 8 ft. of DM 100% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>100% DM - FEW OIL SPECKS</u>	Total

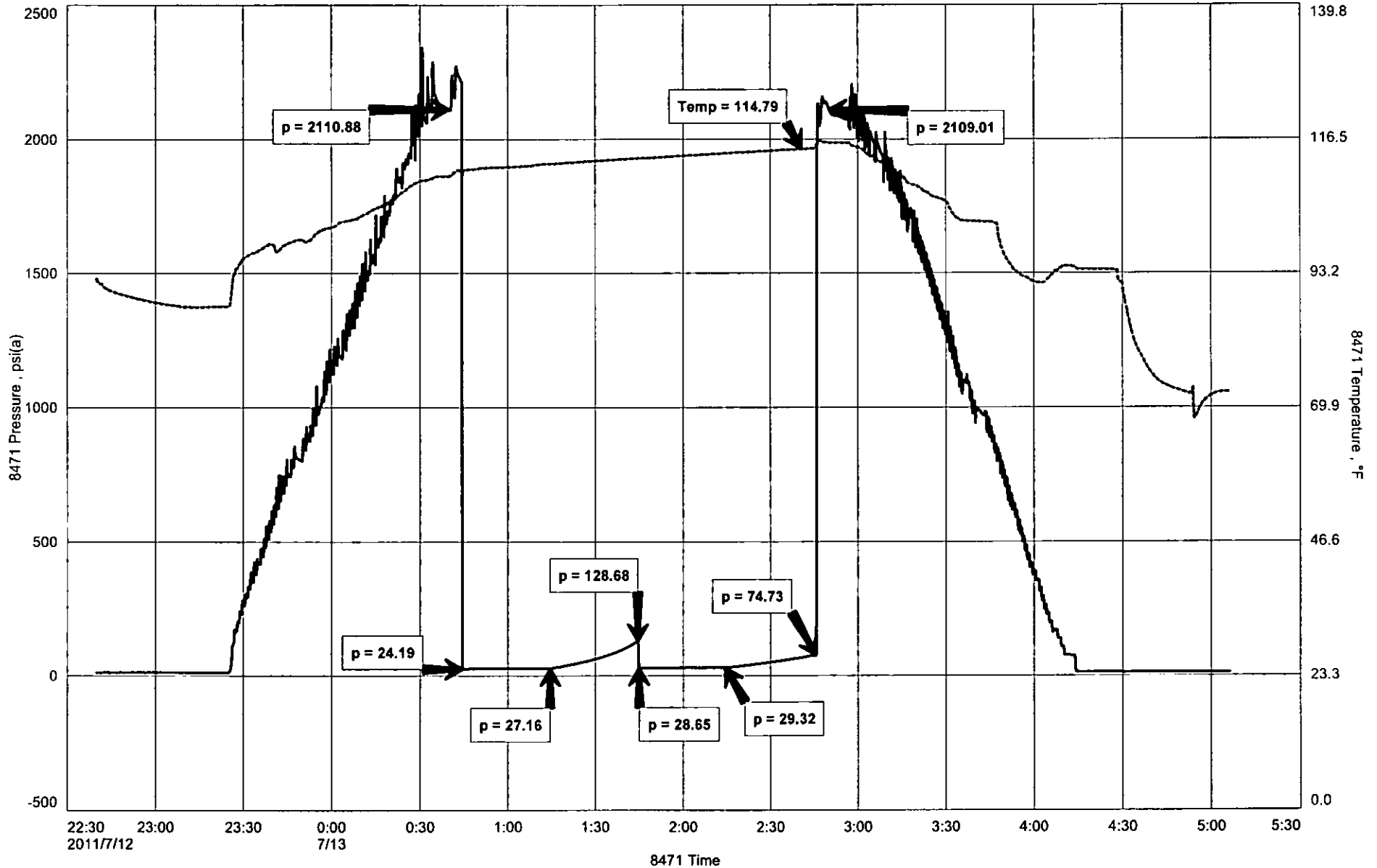
Time Set Packer(s) 10:34 A.M. P.M. Time Started Off Bottom 11:39 A.M. P.M. Maximum Temperature 114
Initial Hydrostatic Pressure..... (A) 2,078 P.S.I.
Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 28 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 496 P.S.I.
Final Flow Period..... Minutes 5 (E) 30 P.S.I. to (F) 30 P.S.I.
Final Closed In Period..... Minutes 0 (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) 2079 P.S.I.

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L.D. DRILLING, INC.
DST #3 MISSISSIPPI 4,334' - 4,420'
Start Test Date: 2011/07/12
Final Test Date: 2011/07/13

TANNER #1-35
Formation: DST #3 MISSISSIPPI 4,334' - 4,420'
Pool: WILDCAT

TANNER #1-35



DIAMOND TESTING

General Information Report

General Information

Company Name L.D. DRILLING, INC.
Contact L.D. DAVIS
Well Name TANNER #1-35
Unique Well ID DST #3 MISSISSIPPI 4,334' - 4,420'
Surface Location SEC 35-19S-25W NESS COUNTY, KS
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL DRILL-STEM TEST
Formation DST #3 MISSISSIPPI 4,334' - 4,420'
Well Fluid Type 01 Oil

Representative ROGER D. FRIEDLY
Well Operator L.D. DRILLING, INC.
Report Date 2011/07/13
Prepared By ROGER D. FRIEDLY
Qualified By KIM SHOEMAKER

Start Test Date 2011/07/12
Final Test Date 2011/07/13

Start Test Time 22:40:00
Final Test Time 05:06:00

Test Recovery:

RECOVERED: 5' SLTOCM 1% OIL, 99% MUD

TOOL SAMPLE: 2% OIL, 98% MUD



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: TANNER135DST3

TIME ON: 22:40 (7.12)
TIME OFF: 05:06 (7.13)

Company L.D. DRILLING, INC. Lease & Well No. TANNER #1-35
Contractor PETROMARK RIG #2 Charge to L.D. DRILLING, INC.
Elevation 2,364' KB Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. _____
Date 7.13.11 Sec. 35 Twp. _____ 19 S Range _____ 25 W County NESS State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 4,334 ft. to 4,420 ft. Total Depth 4,420 ft.
Packer Depth 4,329 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4,334 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 4,315 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) _____ 4,417 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 55 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 5,000 P.P.M. Drill Pipe Length 4,180 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 86 ft. Size 4 1/2-FH in.
63 DP IN ANCH.

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 1/2" BLOW DECREASING - DIED IN 23 MIN (NObb)
2nd Open: NO BLOW (NObb)

Recovered 5 ft. of SLT OCM 1% OIL, 99% MUD
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Remarks: _____
TOOL SAMPLE: 2% OIL, 98% MUD

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 12:44 A.M. P.M. Time Started Off Bottom 3:44 A.M. P.M. Maximum Temperature 115

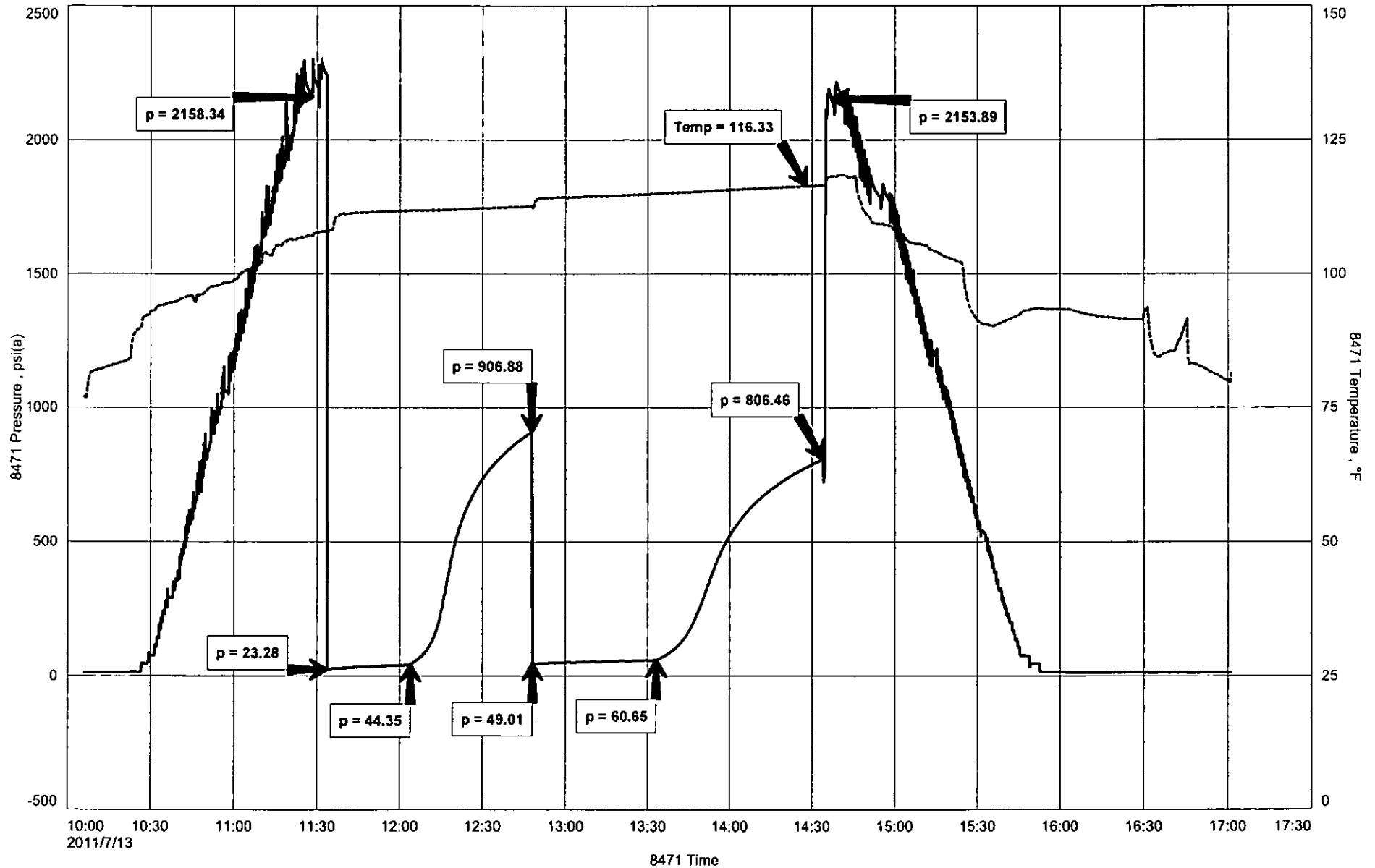
Initial Hydrostatic Pressure..... (A) 2,111 P.S.I.
Initial Flow Period..... Minutes 30 (B) 24 P.S.I. to (C) 27 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 129 P.S.I.
Final Flow Period..... Minutes 30 (E) 29 P.S.I. to (F) 29 P.S.I.
Final Closed In Period..... Minutes 30 (G) 75 P.S.I.
Final Hydrostatic Pressure..... (H) 2,109 P.S.I.

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L.D. DRILLING, INC.
DST #4 MISSISSIPPI 4,417' - 4,430'
Start Test Date: 2011/07/13
Final Test Date: 2011/07/13

TANNER #1-35
Formation: DST #4 MISSISSIPPI 4,417' - 4,430'
Pool: WILDCAT

TANNER #1-35



DIAMOND TESTING

General Information Report

General Information

Company Name	L.D. DRILLING, INC.	Representative	ROGER D. FRIEDLY
Contact	L.D. DAVIS	Well Operator	L.D. DRILLING, INC.
Well Name	TANNER #1-35	Report Date	2011/07/13
Unique Well ID	DST #4 MISSISSIPPI 4,417' - 4,430'	Prepared By	ROGER D. FRIEDLY
Surface Location	SEC 35-19S-25W NESS COUNTY, KS	Qualified By	KIM SHOEMAKER
Field	WILDCAT		
Well Type	Vertical		
Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #4 MISSISSIPPI 4,417' - 4,430'		
Well Fluid Type	01 Oil		
Start Test Date	2011/07/13	Start Test Time	10:06:00
Final Test Date	2011/07/13	Final Test Time	17:01:00

Test Recovery:

RECOVERED: 60' GAS IN PIPE
70' CLEAN OIL 37 GRAVITY @ 60 deg.
30' SLTWTR&GCMO 10% GAS, 46% OIL, 2% WTR, 42% MUD
100' TOTAL FLUID

TOOL SAMPLE: 4% GAS, 40% OIL, 5% WTR, 51% MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: TANNER135DST4

TIME ON: 10:06
 TIME OFF: 17:01

Company L.D. DRILLING, INC. Lease & Well No. TANNER #1-35
 Contractor PETROMARK RIG #2 Charge to L.D. DRILLING, INC.
 Elevation 2,364' KB Formation MISSISSIPPI Effective Pay _____ Ft. Ticket No. _____
 Date 7.13.11 Sec. 35 Twp. 19 S Range 25 W County NESS State KANSAS
 Test Approved By KIM SHOEMAKER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 4 Interval Tested from 4,417 ft. to 4,430 ft. Total Depth 4,430 ft.
 Packer Depth 4,412 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4,417 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4,398 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4,427 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type CHEMICAL Viscosity 48 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 10.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 7,000 P.P.M. Drill Pipe Length 4,263 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 13 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 1/8" BLOW INCREASING TO 2 1/2" (NObb)
 2nd Open: WEAK SURFACE BLOW INCREASING TO 2 1/4" (NObb)

Recovered 60 ft. of GAS IN PIPE
 Recovered 70 ft. of CLEAN OIL 37 GRAVITY @ 60 deg
 Recovered 30 ft. of SLTWTR&GCMO 10% GAS, 46% OIL, 2% WTR, 42% MUD
 Recovered 100 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 4% GAS, 40% OIL, 5% WTR, 51% MUD	Total

Time Set Packer(s) 11:33 A.M. P.M. Time Started Off Bottom 2:33 P.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure..... (A) 2,158 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 23 P.S.I. to (C) 44 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 907 P.S.I.
 Final Flow Period..... Minutes 45 (E) 49 P.S.I. to (F) 61 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 806 P.S.I.
 Final Hydrostatic Pressure..... (H) 2,154 P.S.I.

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