



1251285

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	R & B UNIT 1-25
Doc ID	1251285

All Electric Logs Run

COMPENSATED DENSITY / NEUTRON LOG
DUAL INDUCTION LOG
MICRO LOG
SONIC LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	R & B UNIT 1-25
Doc ID	1251285

Tops

Name	Top	Datum
ANHYDRITE	821	+1101
BASE ANHYDRITE	844	+1078
HEEBNER	3263	-1341
TORONTO	3283	-1361
BROWN LIME	3384	-1462
LANSING	3396	-1474
BASE KANSAS CITY	3611	-1689
VIOLA	3658	-1736
SIMPSON	3700	-1778
ARBUCKLE	3758	-1836



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: R + B Unit 1-25 Dst 1

TIME ON: 01:00
TIME OFF: 09:17

Company L.D Drilling Inc Lease & Well No. R+B Unit 1-25
Contractor Petromark Drilling Charge to LD Drilling Inc
Elevation 1917GL 1922 KB Formation _____ Lan "A-F" Effective Pay _____ Ft. Ticket No. RR154
Date March-10-2015 Sec. 25 Twp. _____ 21 S Range _____ 14 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative _____ RICKY RAY

Formation Test No. 1 Interval Tested from 3396 ft. to 3475 ft. Total Depth 3475 ft.
Packer Depth 3391 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3396 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3386 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3465 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 48 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6300 P.P.M. Drill Pipe Length 3248 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length (79A)16 P 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: 1/2' Blow (BOB in 50 secs) BOBBB
2nd Open: 1/4" Blow (BOB in 5 mins) BOBBB

Recovered 2243 ft. of GIP
Recovered 300 ft. of GW w/ OM 13% G 25% O 20% W 42% M
Recovered 248 ft. of SLOWW 2% O 82% W 16% M
Recovered 123 ft. of MW 65% W 35% M PH: 7

Recovered <u>671</u> ft. of Total Fluid	RW: .19 @ 42 Deg	Price Job
Recovered _____ ft. of _____	Chlorides: 100,000 PPM	Other Charges
Remarks: Tool Sample: 1 % O 99% w		Insurance
		Total

Time Set Packer(s) 3:25 AM A.M. P.M. Time Started Off Bottom 6:25 AM A.M. P.M. Maximum Temperature 106

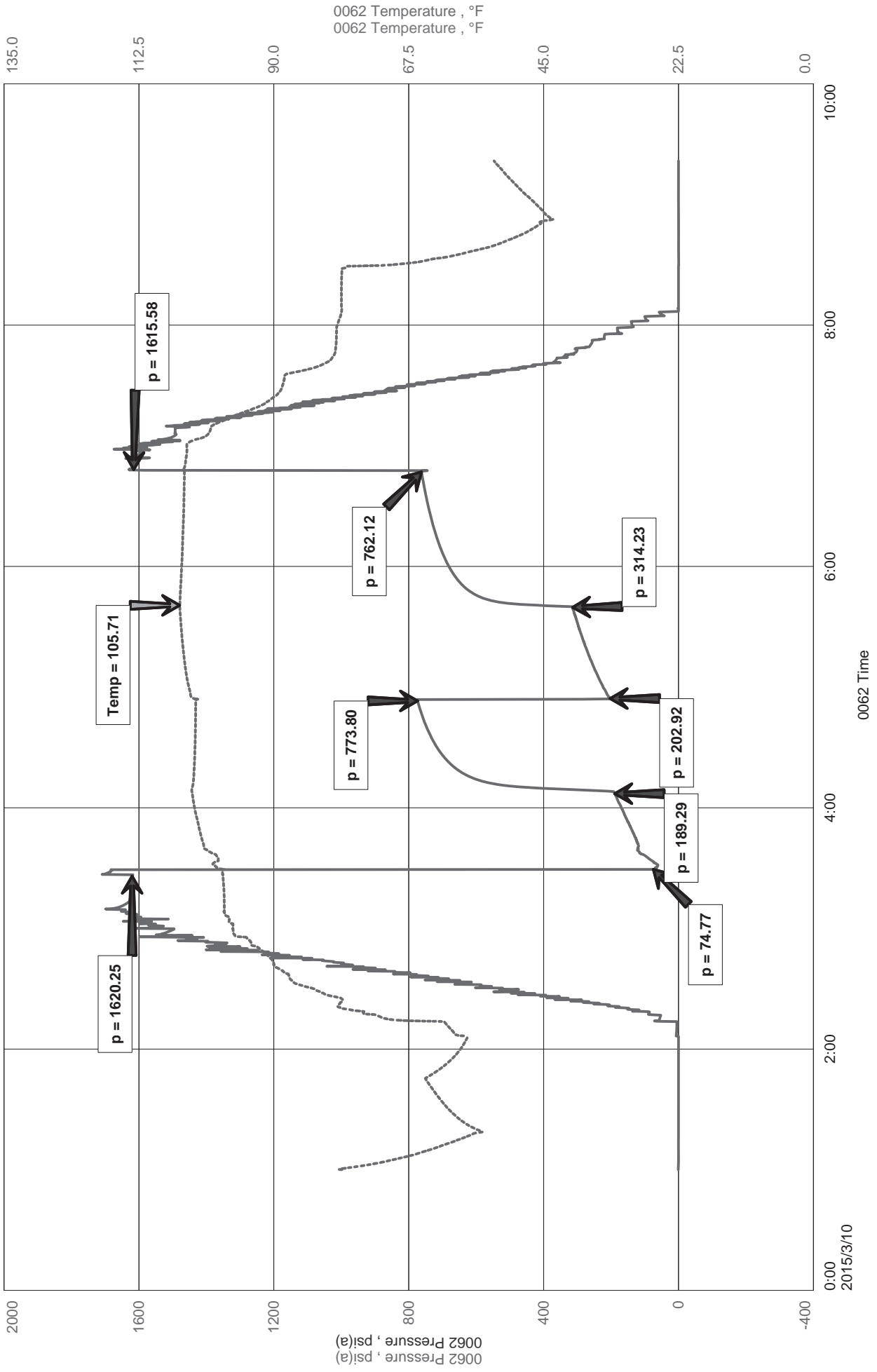
Initial Hydrostatic Pressure..... (A) 1620 P.S.I.
Initial Flow Period..... Minutes 30 (B) 75 P.S.I. to (C) 189 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 774 P.S.I.
Final Flow Period..... Minutes 45 (E) 203 P.S.I. to (F) 314 P.S.I.
Final Closed In Period..... Minutes 60 (G) 762 P.S.I.
Final Hydrostatic Pressure..... (H) 1616 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.

L.D Drilling Inc
Dst 1 Lansing "A-F" (3396-3475)
Start Test Date: 2015/03/10
Final Test Date: 2015/03/10

R+B Unit 1-25
Formation: Dst 1 Lansing "A-F" (3396-3475)
Pool: Infield
Job Number: RR154

R+B Unit 1-25





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

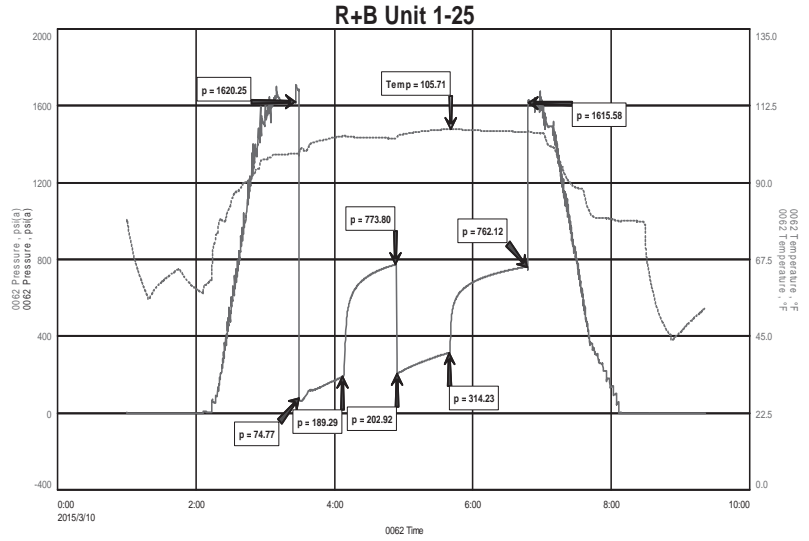
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	R+B Unit 1-25
Surface Location	Sec: 25-21s-14w (Stafford County)
Field	PundSack
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbot
Gauge Name	0062

Test Information

Job Number	RR154
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 1 Lansing "A-F" (3396-3475)
Start Test Date	2015/03/10 YYYY/MM/DD
Start Test Time	01:00:00 HH:mm:ss
Final Test Date	2015/03/10 YYYY/MM/DD
Final Test Time	09:17:00 HH:mm:ss



Test Results

Recovery:

2243'	GIP				
300'	GW w/ OM	13% G	25% O	20% W	42% M
248'	SLOWW	2% O	82% W	16% M	
123'	MW	65% W	35% M		
671'	Total Fluid				

Tool Sample: 1% O 99% W

PH: 7
 RW: .19 @ 42 Deg
 Chlorides: 100,000 PPM



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: R + B Unit 1-25 Dst 2

TIME ON: 19:29 Mar 10
TIME OFF: 01:08 Mar 11

Company L.D Drilling Inc Lease & Well No. R+B Unit 1-25
Contractor Petromark Drilling Charge to LD Drilling Inc
Elevation 1917GL 1922 KB Formation _____ Lan "H-I-J" Effective Pay _____ Ft. Ticket No. RR155
Date March-10-2015 Sec. 25 Twp. _____ 21 S Range _____ 14 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 3509 ft. to 3570 ft. Total Depth 3570 ft.
Packer Depth 3504 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3509 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3499 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3546 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 64 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 9.2 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 9300 P.P.M. Drill Pipe Length 3361 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length (61A)30P 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: WSB (Built to 1/4 inch) NOBB
2nd Open: No Blow Flushed Tool (Good Flush) NOBB

Recovered <u>10</u> ft. of <u>SLOM</u>	<u>1% O</u>	<u>99% M</u>	
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			Price Job
Recovered _____ ft. of _____			Other Charges
Remarks: Tool Sample: <u>2% O</u> <u>3% W</u> <u>95% M</u>			Insurance
			Total

Time Set Packer(s) 9:25 PM 3/10 ^{A.M.}/_{P.M.} Time Started Off Bottom 11:25 PM 3/10 ^{A.M.}/_{P.M.} Maximum Temperature 104

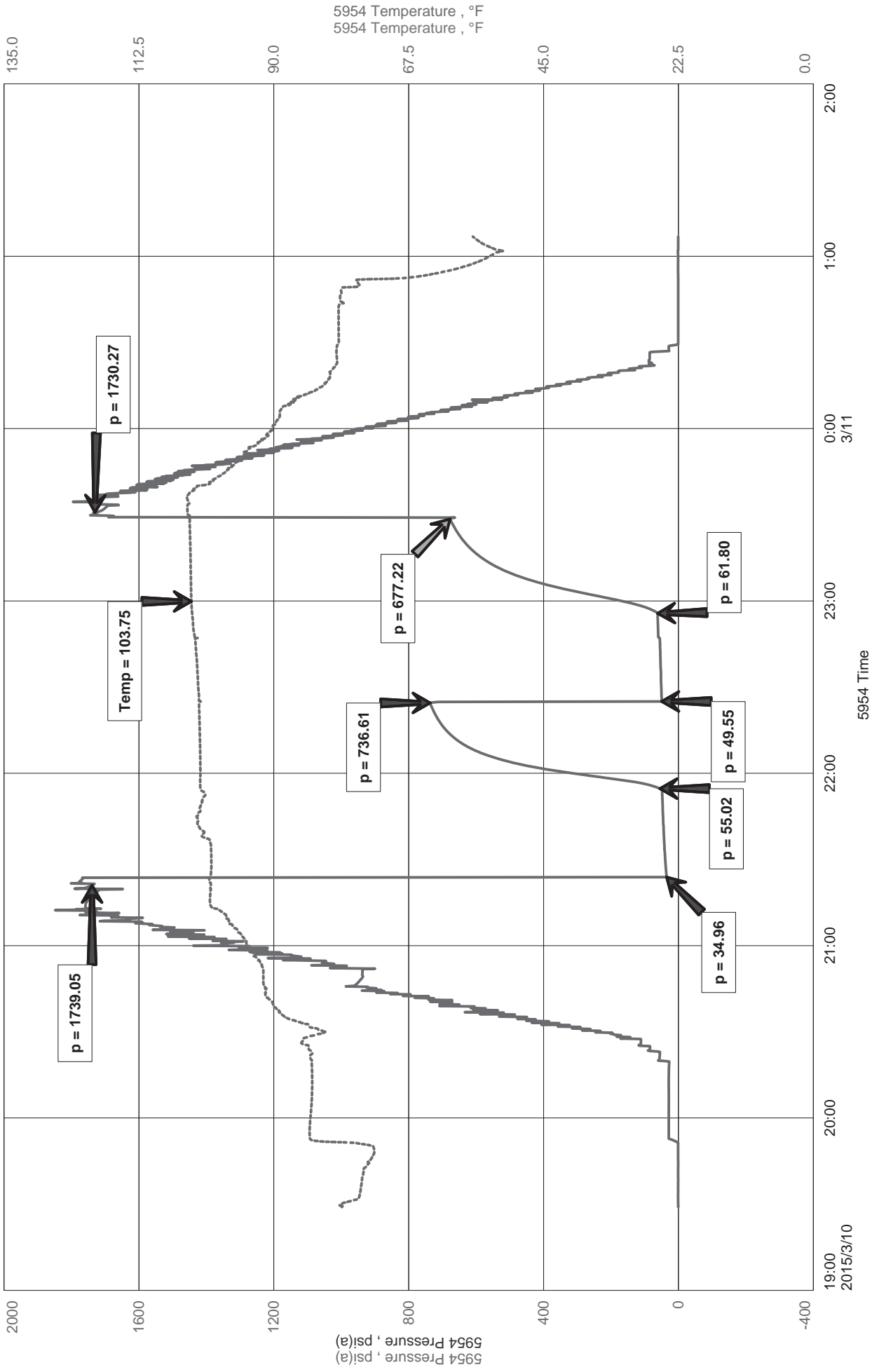
Initial Hydrostatic Pressure..... (A) 1739 P.S.I.
Initial Flow Period..... Minutes 30 (B) 35 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 737 P.S.I.
Final Flow Period..... Minutes 30 (E) 50 P.S.I. to (F) 62 P.S.I.
Final Closed In Period..... Minutes 30 (G) 677 P.S.I.
Final Hydrostatic Pressure..... (H) 1730 P.S.I.

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L.D Drilling Inc
Dst 2 Lansing H"J (3509-3570)
Start Test Date: 2015/03/10
Final Test Date: 2015/03/11

R+B Unit 1-25
Formation: Dst 2 Lansing H"J (3509-3570)
Pool: infield
Job Number: RR155

R+B Unit 1-25





Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

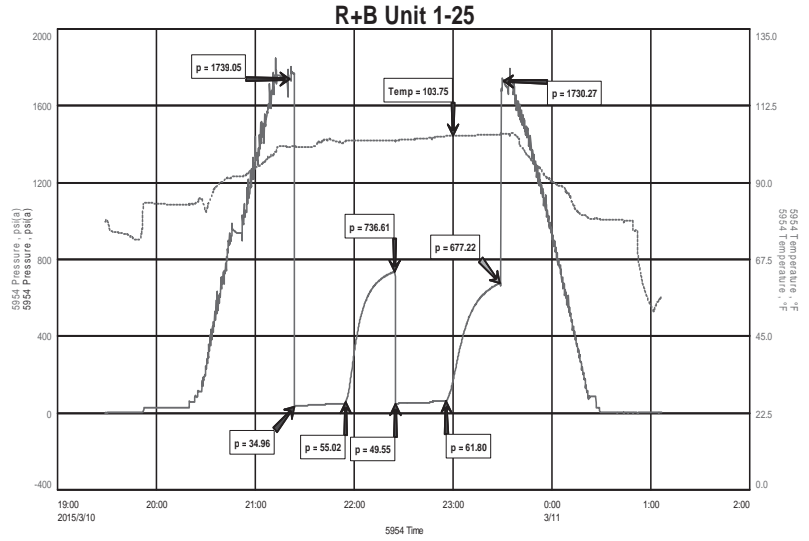
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	R+B Unit 1-25
Surface Location	Sec: 25-21s-14w (Stafford County)
Field	Pundsack
Well Type	Vertical
Pool	infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbot
Gauge Name	5954

Test Information

Job Number	RR155
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Lansing H"J (3509-3570)
Start Test Date	2015/03/10 YYYY/MM/DD
Start Test Time	19:29:00 HH:mm:ss
Final Test Date	2015/03/11 YYYY/MM/DD
Final Test Time	01:08:00 HH:mm:ss



Test Results

Recovery:

10' SLOM 1% O 99% M

Tool Sample: 2% O 3% W 95% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: R + B Unit 1-25 Dst 3

TIME ON: 09:02
TIME OFF: 14:29

Company L.D Drilling Inc Lease & Well No. R+B Unit 1-25
Contractor Petromark Drilling Charge to LD Drilling Inc
Elevation 1917GL 1922 KB Formation _____ Lan "K" Effective Pay _____ Ft. Ticket No. RR156
Date March-11-2015 Sec. 25 Twp. _____ 21 S Range _____ 14 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative _____ RICKY RAY

Formation Test No. 3 Interval Tested from 3565 ft. to 3610 ft. Total Depth _____ 3610 ft.
Packer Depth _____ 3560 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ 3365 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) _____ 3555 ft. Recorder Number _____ 0062 Cap. _____ 5000 P.S.I.
Bottom Recorder Depth (Outside) _____ 3602 ft. Recorder Number _____ 5954 Cap. _____ 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chem Viscosity _____ 46 Drill Collar Length _____ 123 ft. I.D. _____ 2 1/4 in.
Weight _____ 9.3 Water Loss _____ 10.4 cc. Weight Pipe Length _____ ft. I.D. _____ 2 7/8 in.
Chlorides _____ 8300 P.P.M. Drill Pipe Length _____ 3417 ft. I.D. _____ 3 1/2 in.
Jars: Make STERLING Serial Number _____ na Test Tool Length _____ 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length _____ 45(14P) 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: WSB (Blow Didn't Build) NOBB
2nd Open: No Blow NOBB

Recovered _____ <u>2</u> ft. of <u>SLOM</u>	_____ <u>4%</u> O	_____ <u>96%</u> M
Recovered _____ ft. of _____		
Recovered _____ ft. of _____		
Recovered _____ ft. of _____		
Recovered _____ ft. of _____		
Recovered _____ ft. of _____		
Remarks: Tool Sample: _____ <u>4%</u> O _____ <u>96%</u> M		
		Price Job
		Other Charges
		Insurance
		Total

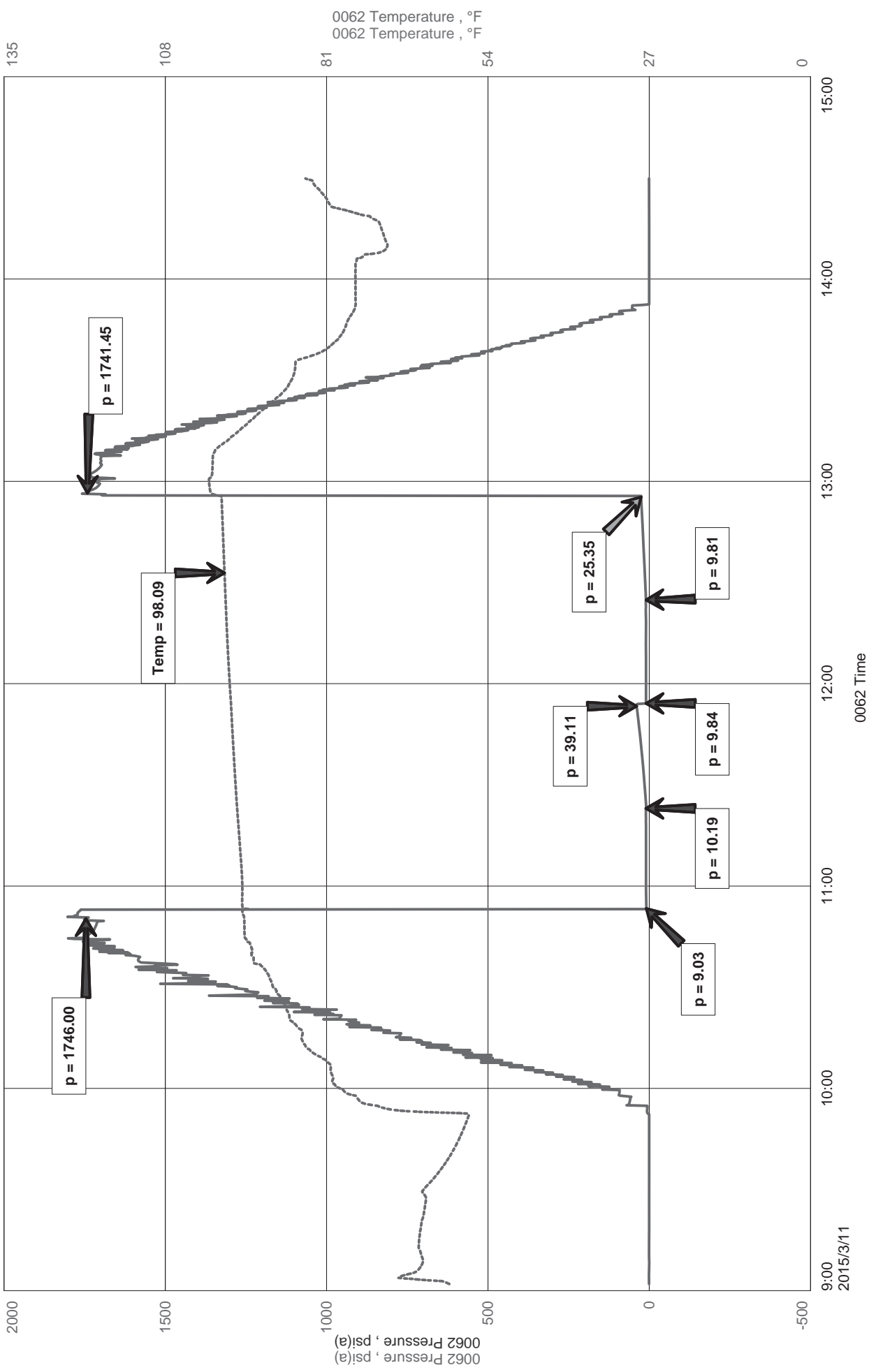
Time Set Packer(s) 10:52 AM A.M. P.M. Time Started Off Bottom 12:52 PM A.M. P.M. Maximum Temperature _____ 98
Initial Hydrostatic Pressure..... (A) _____ 1746 P.S.I.
Initial Flow Period..... Minutes _____ 30 (B) _____ 9 P.S.I. to (C) _____ 10 P.S.I.
Initial Closed In Period..... Minutes _____ 30 (D) _____ 39 P.S.I.
Final Flow Period..... Minutes _____ 30 (E) _____ 10 P.S.I. to (F) _____ 10 P.S.I.
Final Closed In Period..... Minutes _____ 30 (G) _____ 25 P.S.I.
Final Hydrostatic Pressure..... (H) _____ 1741 P.S.I.

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L.D Drilling Inc
 Dst 3 Lansing "K" (3565-3610)
 Start Test Date: 2015/03/11
 Final Test Date: 2015/03/11

R+B Unit 1-25
 Formation: Dst 3 Lansing "K" (3565-3610)
 Pool: Infield
 Job Number: RR156

R+B Unit 1-25





Diamond Testing LLC
 P.O. Box 157
 Hoisington KS 67544

Ricky Ray - Tester
(620) 617-7261

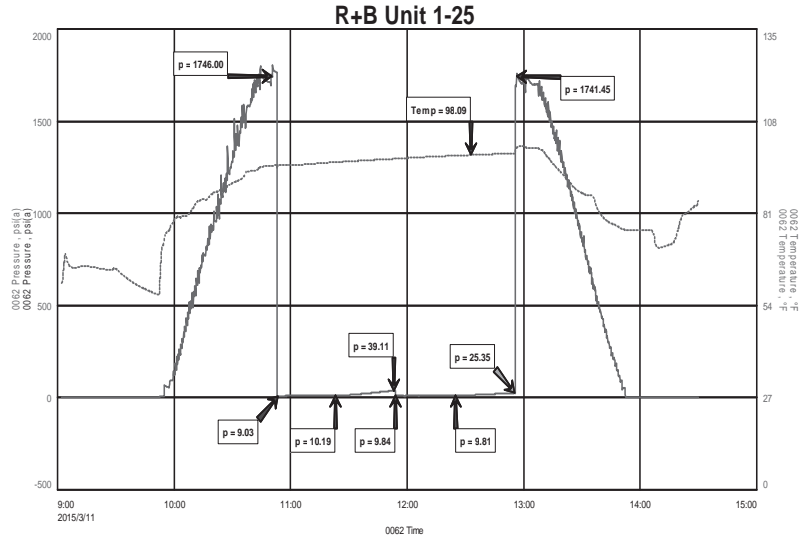
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	R+B Unit 1-25
Surface Location	Sec: 25-21s-14w (Stafford County)
Field	Pundsack
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbot
Gauge Name	0062

Test Information

Job Number	RR156
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 3 Lansing "K" (3565-3610)
Start Test Date	2015/03/11 YYYY/MM/DD
Start Test Time	09:02:00 HH:mm:ss
Final Test Date	2015/03/11 YYYY/MM/DD
Final Test Time	14:29:00 HH:mm:ss



Test Results

Recovery:

2' SLOM 4% O 96% M

Tool Sample: 4% O 96% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: R + B Unit 1-25 Dst 4

TIME ON: 00:09
TIME OFF: 06:10

Company L.D Drilling Inc Lease & Well No. R+B Unit 1-25
Contractor Petromark Drilling Charge to LD Drilling Inc
Elevation 1917GL 1922 KB Formation _____ Viola Effective Pay _____ Ft. Ticket No. RR157
Date March-12-2015 Sec. 25 Twp. _____ 21 S Range _____ 14 W County _____ Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative RICKY RAY

Formation Test No. 4 Interval Tested from 3607 ft. to 3710 ft. Total Depth 3710 ft.
Packer Depth 3602 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3607 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3597 ft. Recorder Number _____ Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3676 ft. Recorder Number _____ Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 45 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 8300 P.P.M. Drill Pipe Length 3459 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 103A (40p) 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: WSB (Built to 1/4 inch) NOBB
2nd Open: No Blow NOBB

Recovered <u>5</u> ft. of <u>SLOM</u>	<u>1% O</u>	<u>99% M</u>	
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			
Recovered _____ ft. of _____			Price Job
Recovered _____ ft. of _____			Other Charges
Remarks: Tool Sample: <u>4% O</u>	<u>96% M</u>		Insurance
			Total

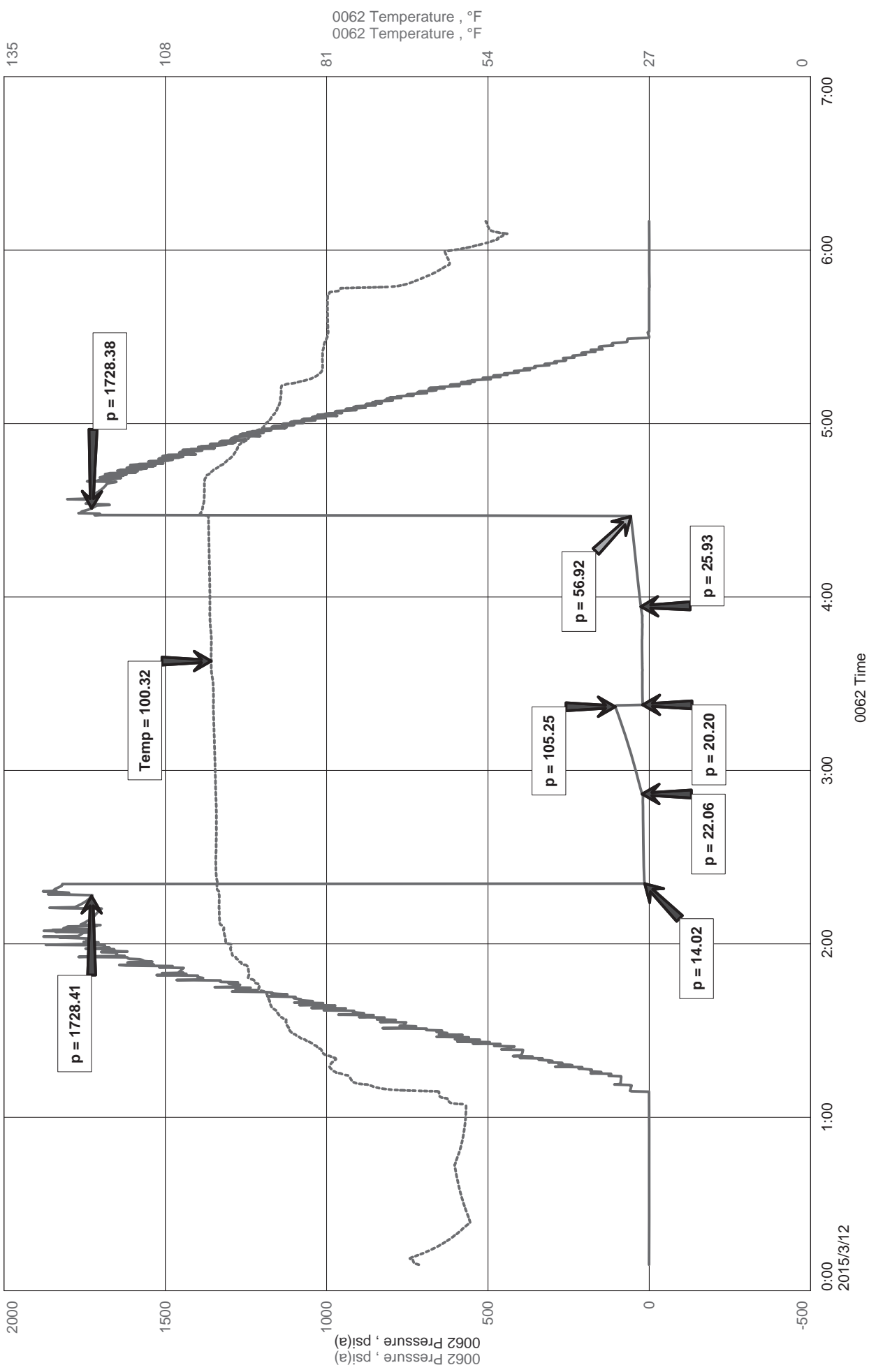
Time Set Packer(s) 2:21 AM A.M. P.M. Time Started Off Bottom 4:21 AM A.M. P.M. Maximum Temperature 100
Initial Hydrostatic Pressure..... (A) 1728 P.S.I.
Initial Flow Period..... Minutes 30 (B) 14 P.S.I. to (C) 22 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 105 P.S.I.
Final Flow Period..... Minutes 30 (E) 20 P.S.I. to (F) 26 P.S.I.
Final Closed In Period..... Minutes 30 (G) 57 P.S.I.
Final Hydrostatic Pressure..... (H) 1728 P.S.I.

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L.D Drilling Inc
Dst 4 Viola (3607-3710)
Start Test Date: 2015/03/12
Final Test Date: 2015/03/12

R+B Unit 1-25
Formation: Dst 4 Viola (3607-3710)
Pool: Infield
Job Number: RR157

R+B Unit 1-25





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

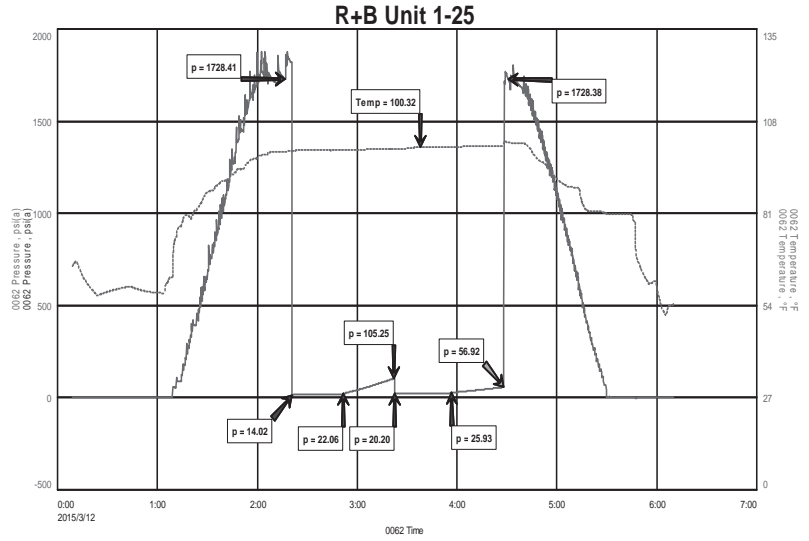
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Davis
Well Name	R+B Unit 1-25
Surface Location	Sec: 25-21s-14w (Stafford County)
Field	Pundsack
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	
Qualified By	Kurt Talbot
Gauge Name	0062

Test Information

Job Number	RR157
Test Type	Drill Stem Test
Well Fluid Type	
Formation	Dst 4 Viola (3607-3710)
Start Test Date	2015/03/12 YYYY/MM/DD
Start Test Time	00:09:00 HH:mm:ss
Final Test Date	2015/03/12 YYYY/MM/DD
Final Test Time	06:10:00 HH:mm:ss



Test Results

Recovery:

5' SLOM 1% O 99% M

Tool Sample: 4% O 96% M



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: R + B Unit 1-25 Dst 5

TIME ON: 17:31 Mar 12
TIME OFF: 01:31 Mar 13

Company L.D Drilling Inc Lease & Well No. R+B Unit 1-25
Contractor Petromark Drilling Charge to LD Drilling Inc
Elevation 1917GL 1922 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. RR158
Date March-12-2015 Sec. 25 Twp. 21 S Range 14 W County Stafford State KANSAS
Test Approved By Kurt Talbot Diamond Representative RICKY RAY

Formation Test No. 5 Interval Tested from 3696 ft. to 3760 ft. Total Depth 3760 ft.
Packer Depth 3691 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3696 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3686 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3733 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 48 Drill Collar Length 123 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 11.8 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 12,200 P.P.M. Drill Pipe Length 3548 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 64A (33P) 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: 1/2" Blow (BOB in 3 mins) NOBB
2nd Open: 1/4" Blow (BOB in 4 3/4 mins) NOBB

Recovered 387 ft. of WM 40% W 60% M
Recovered 992 ft. of MW 90% W 10% M
Recovered 123 ft. of WM 30% W 70% M

Recovered 1502 ft. of Total Fluid PH: 7
Recovered _____ ft. of _____ RW. 49@ 50 Deg Price Job _____
Recovered _____ ft. of _____ Chlorides: 35,000 PPM Other Charges _____
Remarks: Tool Sample: 100% W Insurance _____
Total _____

Time Set Packer(s) 7:21 PM A.M. P.M. Time Started Off Bottom 10:21 PM A.M. P.M. Maximum Temperature 114

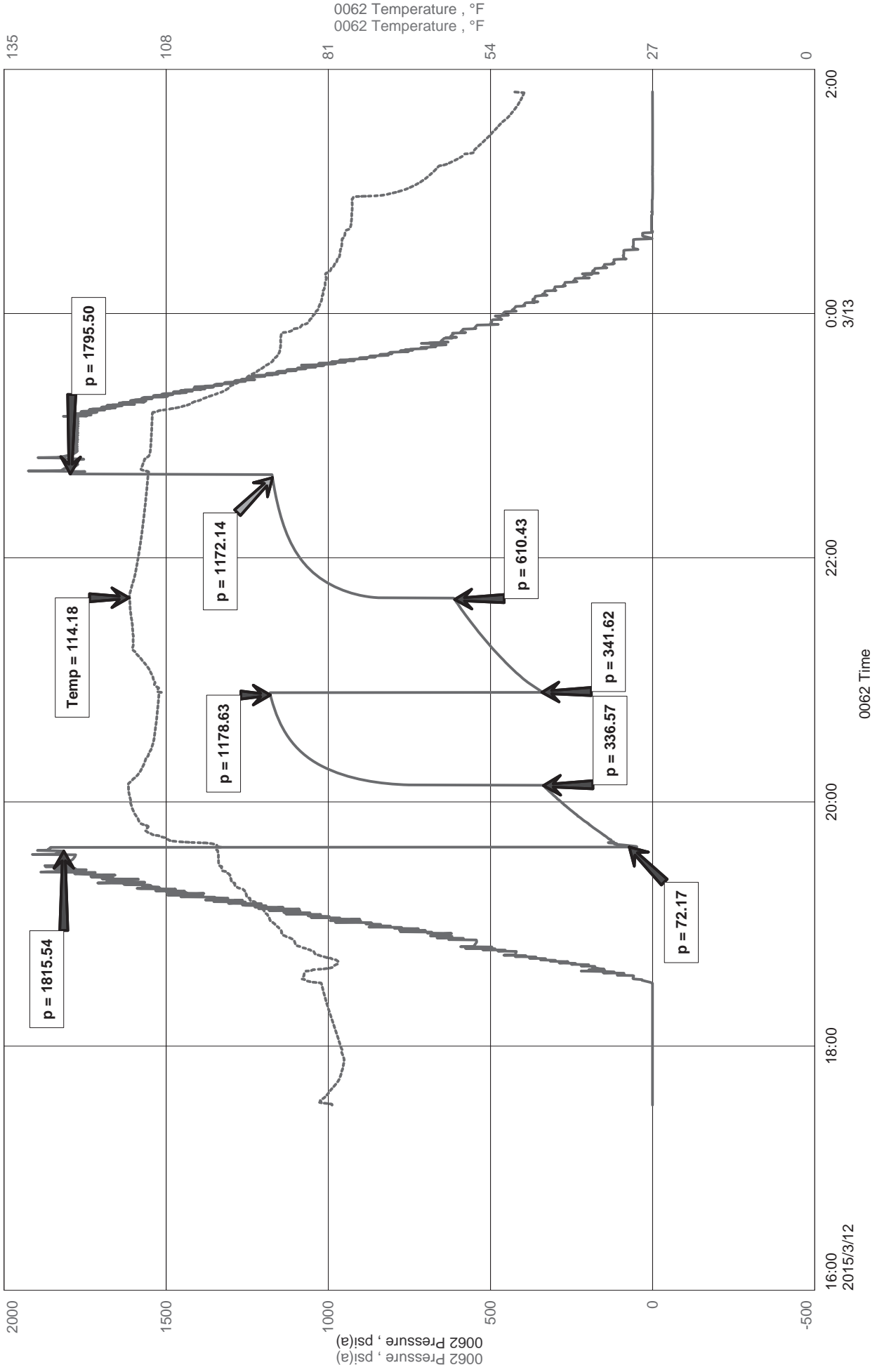
Initial Hydrostatic Pressure..... (A) 1816 P.S.I.
Initial Flow Period..... Minutes 30 (B) 72 P.S.I. to (C) 337 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1179 P.S.I.
Final Flow Period..... Minutes 45 (E) 342 P.S.I. to (F) 610 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1172 P.S.I.
Final Hydrostatic Pressure..... (H) 1796 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.

L.D Drilling Inc
Dst 5 Arbuckle (3696-3760)
Start Test Date: 2015/03/12
Final Test Date: 2015/03/13

R+B unit 1-25
Formation: Dst 5 Arbuckle (3696-3760)
Pool: Infield
Job Number: RR158

R+B unit 1-25





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

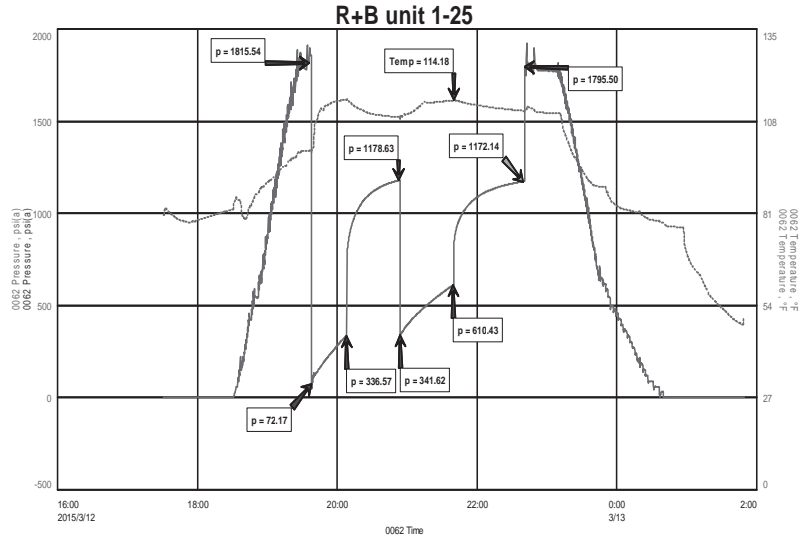
Wellsite Report

General Information

Company Name	L.D Drilling Inc
Contact	L.D Davis
Well Operator	L.D Drilling Inc
Well Name	R+B unit 1-25
Surface Location	Sec: 25-21s-14w (Stafford County)
Field	Pundsack
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Kurt Talbot
Gauge Name	0062

Test Information

Job Number	RR158
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 5 Arbuckle (3696-3760)
Start Test Date	2015/03/12 YYYY/MM/DD
Start Test Time	17:31:00 HH:mm:ss
Final Test Date	2015/03/13 YYYY/MM/DD
Final Test Time	01:31:00 HH:mm:ss



Test Results

Recovery:

387'	WM	40% W	60% M
992'	MW	90% W	10% M
123'	WM	30% W	70% M
1502'	Total Fluid		

Tool Sample: 100% M

PH: 7
 RW .49 @ 50 Deg
 Chlorides: 35,000 PPM



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 12303 A

25-215-14

DATE _____ TICKET NO. _____

DATE OF JOB: 3-14-15 DISTRICT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER: L.D. Drilling		LEASE: R.D. Unit		1-25 WELL NO.					
ADDRESS:		COUNTY: Stafford		STATE: KS					
CITY: STATE:		SERVICE CREW: Scott, Shawn, Aaron							
AUTHORIZED BY: L.D. Davis		JOB TYPE: 5/2 Long string CWL							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27463	.5					ARRIVED AT JOB	3/13/15	AM	11:00
19918	.25					START OPERATION	3/14/15	PM	1:30
						FINISH OPERATION	3/14/15	PM	2:00
						RELEASED	3/14/15	PM	3:00
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
CP105	AAZ Cement	SK	175		2975.00	
CP103	60/40 POZ	SK	30		360.00	
CC102	Cello/Flake	lb	44		162.80	
CC111	Salt	lb	954		477.00	
CC113	Gypsum	lb	825		618.75	
CC129	FLA-322	lb	132		990.00	
CC201	Gilsonite	lb	1050		703.50	
CF606	Latch down Plug + Baffle 4 1/2	EA	1		370.00	
CF1250	Auto Fill Flood Shoe 4 1/2	EA	1		330.00	
CF1650	Turbolizer 4 1/2	EA	6		510.00	
CF1900	4 1/2 Basket	EA	1		270.00	
CC151	Mud Flush	Gal	1000		1500.00	
CC151	Sugar	lb	50		250.00	
E100	Unit Mileage Charge Pickups	MI	45		202.50	
E101	Heavy Equipment Mileage	MI	90		675.00	
E113	Prop + Bulk Delivery Charges	TR	4.30		1074.38	
CE204	Depth Charge 3001-4000'	4hrs	1		2160.00	
CE240	Blend + Mixing Service Charge	SK	205		287.00	
CE504	Plug Container Utilization	Job	1		250.00	
5003	Service Supervisor first 8hrs on loc	EA	1		175.00	
					SUB-TOTAL	175.00
						14340.93

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	

TOTAL 9,321.60

Discounted Total *[Handwritten]*

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>L.D. Drilling, Inc</i>		Lease No.		Date <i>3/14/15</i>	
Lease <i>R.B. Unit</i>		Well # <i>1-25</i>			
Field Order # <i>12303A</i>	Station <i>Pratt, KS</i>	Casing <i>4 1/2</i>	Depth <i>3807</i>	County <i>Stafford</i>	State <i>KS</i>
Type Job <i>4 1/2 Long string CNW</i>			Formation	Legal Description <i>25-213-14</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>4 1/2</i>								
Depth <i>3807</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>60.53</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>2000</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>4 1/2</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <i>Donald</i>			Station Manager <i>Kevin Goodley</i>			Treater <i>Scott Ervies</i>		
Service Units <i>38970</i>	<i>27463</i>	<i>19826</i>						
Driver Names <i>Scott, Shawn, Aaron</i>		<i>19915</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:00</i>	<i>3113/15</i>				<i>On Location Safety Meeting Rig up</i>
<i>11:15</i>					<i>Run Float Equip. Cent. 1,3,5,7,9,11</i>
					<i>Basket 4</i>
<i>1:00</i>	<i>5/14/15</i>				<i>Break Circulation 30 min</i>
<i>1:30</i>	<i>Ø</i>			<i>5</i>	<i>Pump H2O spacer</i>
<i>1:31</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>Pump 1000 gallons Mud Flush</i>
<i>1:35</i>	<i>300</i>		<i>24</i>	<i>5.2</i>	<i>Pump H2O Spacer</i>
<i>1:36</i>	<i>300</i>		<i>5</i>	<i>5.5</i>	<i>Mix 175 SKS AA2 at 14.8 App</i>
<i>1:45</i>	<i>Ø</i>		<i>48</i>		<i>shut Down</i>
					<i>Wash pump + lines Clean</i>
<i>1:48</i>				<i>6</i>	<i>Release Plug Start Displace</i>
<i>1:54</i>			<i>35</i>	<i>5.8</i>	<i>lift pressure</i>
<i>1:57</i>			<i>15</i>	<i>3</i>	<i>Reduce Rate</i>
<i>2:00</i>	<i>500</i>		<i>8.5</i>	<i>3</i>	<i>Plug landed</i>
<i>2:00</i>	<i>1500</i>				<i>Increase Pressure shut down</i>
<i>2:01</i>	<i>Ø</i>				<i>Release pressure NO Returns</i>
<i>2:10</i>	<i>Ø</i>			<i>3</i>	<i>Plug Rat Hole 50 SKS 60/40</i>
<i>2:15</i>	<i>Ø</i>		<i>8</i>		<i>Shut down</i>
					<i>Job Complete</i>



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 11928 A

25-215-14w

DATE _____ TICKET NO. _____

DATE OF JOB 3-5-15 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:				
CUSTOMER L.D. Drilling Inc.		LEASE R.B. Unit WELL NO. 1-25				
ADDRESS		COUNTY STAFFORD STATE Ks				
CITY STATE		SERVICE CREW MATTAL, McGraw, Gibbons				
AUTHORIZED BY		JOB TYPE: CNW 8 5/8 SURFACE				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 3-4-15 DATE AM TIME 9:40
19905	.5					ARRIVED AT JOB AM 11:55
19862	.25					START OPERATION 3-5-15 PM 2:58
						FINISH OPERATION PM 3:30
						RELEASED PM 4:00
						MILES FROM STATION TO WELL 30

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-con	SK	175		3,150 00
CP 100C	common	SK	175		2,800 00
CF 153	WOODEN Plug 8 5/8	EA	1		160 00
CC 131	Sugar	lb	50		250 00
E 100	P.U. Miles	Mi	30		135 00
E 101	Heavy eq. miles	Mi	60		450 00
E 113	PROP + Bulk Del.	TN	495		1,237 50
CE 200	Depth charge 0-500'	4hr	1		1,000 00
CE 240	Blend + mix charge	SK	350		490 00
CC 504	Plug compound	JOB	1		250 00
S 003	Super visor	EA	1		175 00
CC 102	Cellofibre	lb	88		325 60
CC 109	calcium chloride	lb	825		866 25
SUB TOTAL					11,129 35

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL **7,338 08**

DISCOUNTED FOR TAX

SERVICE REPRESENTATIVE Mike Mattal	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	---

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer L.O. Drilling Inc	Lease No.	Date 3-6-15
Lease R.B. Unit	Well # 1-25	
Field Order # 11428	Station Pratt	Casing 8 5/8
		Depth 436'
Type Job cnw 8 5/8 surface	Formation	County Stafford
		State Ks
		Legal Description 25-215-14w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 175 SKS	RATE A-con	PRESS 320 CC	ISIP 1/4" CF
Depth 436	Depth	From	To	Pre Pad 175 SKS	Max common	270 CC	5 Min. 1/4" CF
Volume 27.73	Volume	From	To	Pad	Min		10 Min.
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 421	Packer Depth	From	To	Flush 26.8	Gas Volume		Total Load

Customer Representative L.O.	Station Manager Kevin Goldway	Treater Mike Matta
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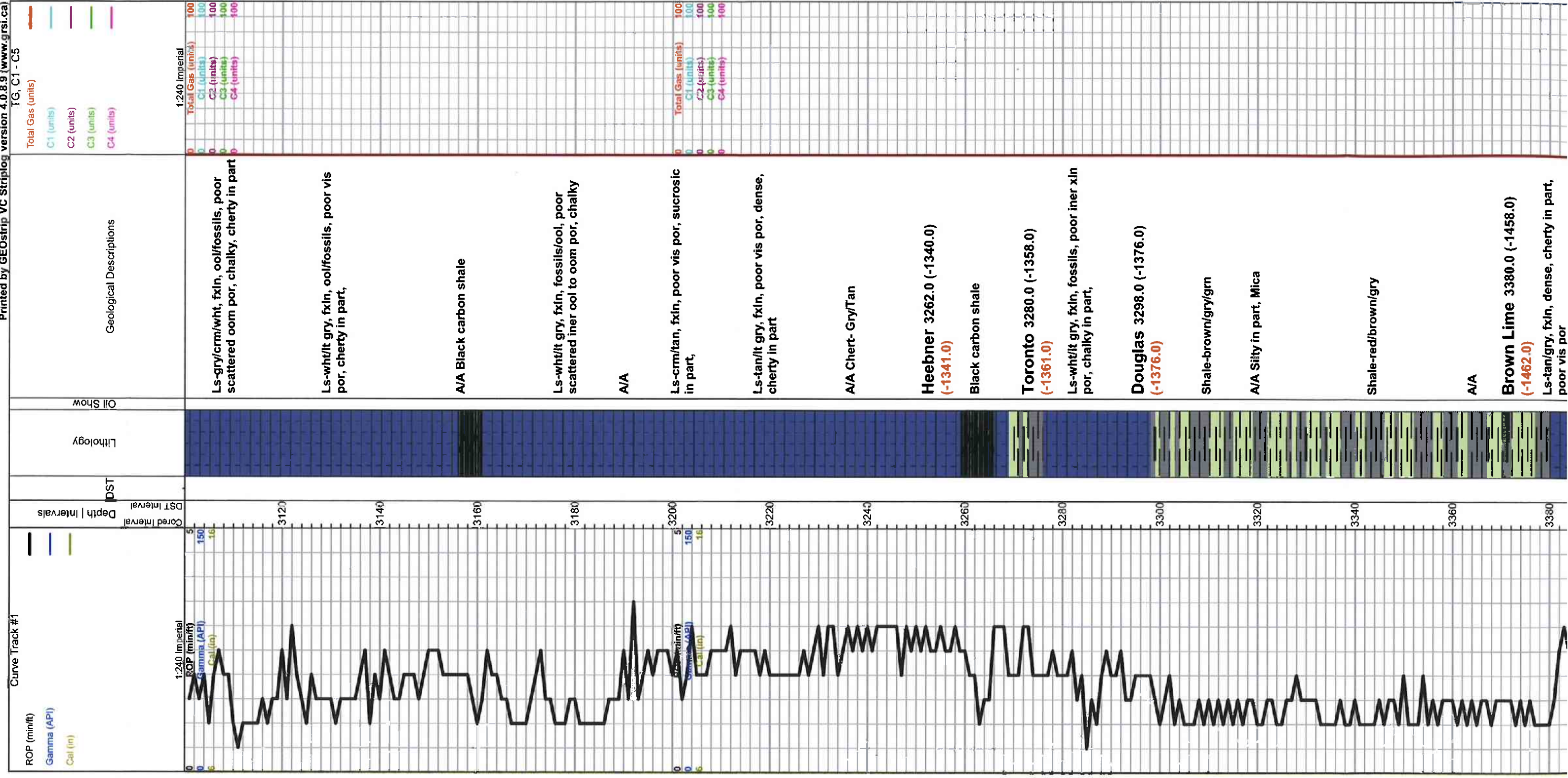
Service Units 37586	77686	19905	19960	19862				
Driver Names MATTI	McGraw		GIBSON					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:55					ON LOCATION / Safety meeting
1:30					run 8 5/8 casing
2:27					casing on BOTTOM
2:40					HOOK TO casing / Break circ. w. Rig
2:58	200		3	5	PUMP 3 BBL WATER
3:00	200		80	6	Mix 175 SKS A-con @ 14 12"
3:10	200		41	5	Mix 175 SKS common @ 15"
3:17					release Plug
3:23	250			5	START DISPLACEMENT
3:30	250		26.8		Plug down / shut in well
					15 BBLs TO PIT
					JOB complete
					THANK YOU!
					MIKE MATTI
					MIKE + AARON

- RTF
- Sidewall
- Left Casing Shoe
- Right Casing Shoe

DST

DST alt



1:240 Imperial

5

150

0

Total Gas (units)

5

150

0

C1 (units)

5

150

0

C2 (units)

5

150

0

C3 (units)

5

150

0

C4 (units)

5

150

0

1:240 Imperial

5

150

0

Total Gas (units)

5

150

0

C1 (units)

5

150

0

C2 (units)

5

150

0

C3 (units)

5

150

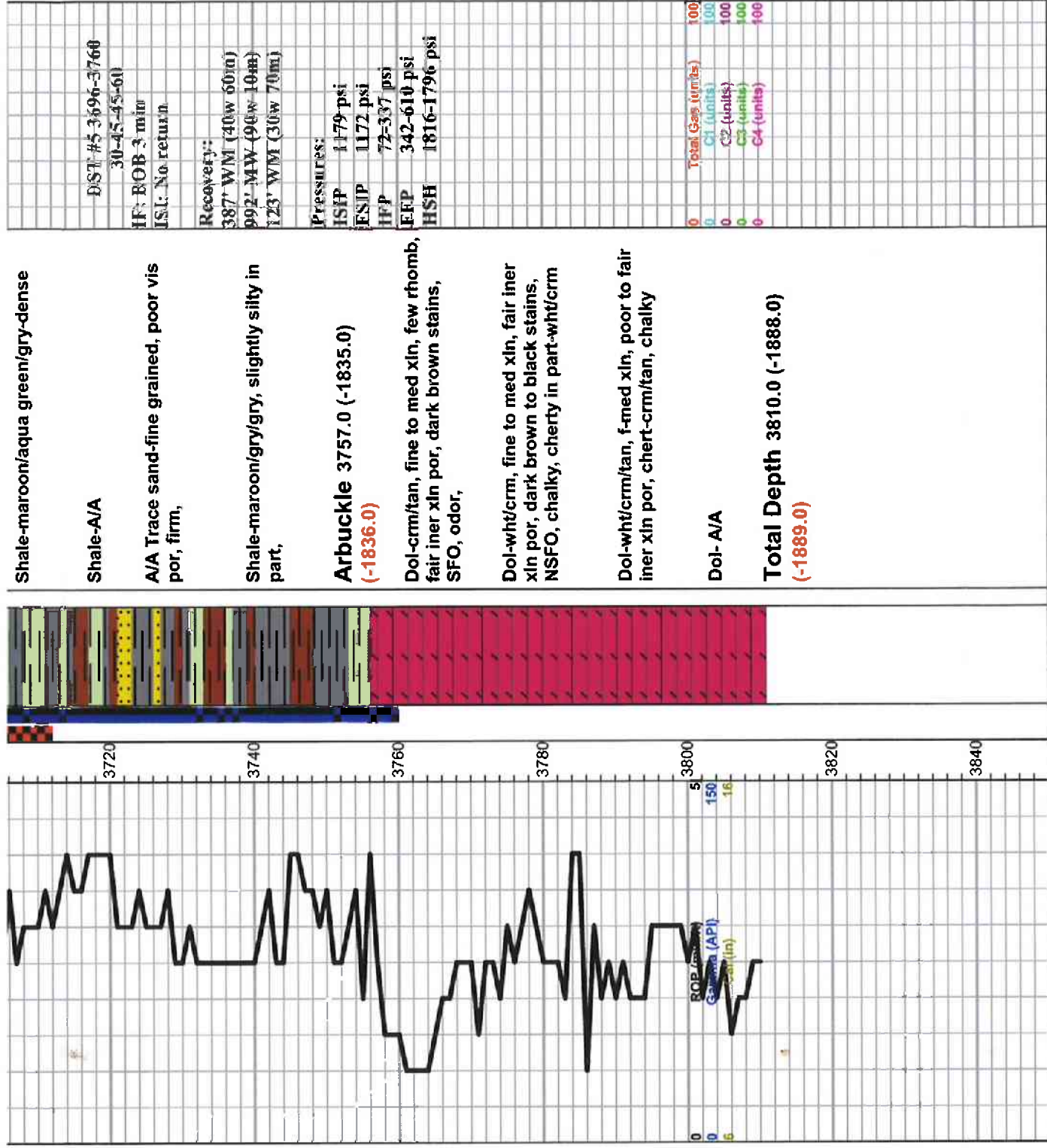
0

C4 (units)

5

150

0



Shale-maroon/aqua green/gry-dense

Shale-A/A

A/A Trace sand-fine grained, poor vis por, firm,

Shale-maroon/gry/gry, slightly silty in part,

Arbuckle 3757.0 (-1835.0) (-1836.0)

Dol-crm/tan, fine to med xin, few rhomb, fair iner xin por, dark brown stains, SFO, odor,

Dol-wht/crm, fine to med xin, fair iner xin por, dark brown to black stains, NSFO, chalky, cherty in part-wht/crm

Dol-wht/crm/tan, f-med xin, poor to fair iner xin por, chert-crm/tan, chalky

Dol- A/A

Total Depth 3810.0 (-1888.0) (-1889.0)

3720 3740 3760 3780 3800 3820 3840

0 5 150 16
 ROB (units)
 Gas (API)
 Gas (in)

DST #5 3696-3760
 30-45-45-60
 HF: ROB 3 min
 ISL: No return

Recovery:
 387' WM (40w 60in)
 992' MW (90w 10in)
 123' WM (30w 70in)

Pressures:
 HSP 1179 psi
 ESP 1172 psi
 FFP 72-337 psi
 EFP 342-610 psi
 HSH 1816-1796 psi

0 Total Gas (units) 100
 0 C1 (units) 100
 0 C2 (units) 100
 0 C3 (units) 100
 0 C4 (units) 100