

L B EXPLORATION INC KINGSTON#1 3-17-14 DST #1 LANSING A-B 2009.01.14



DRILL STEM TEST REPORT

Prepared For: L B EXPLORATION INC

2135 2ND RD
HOLYROOD KS 67450

ATTN: JIM

3-17-14

KINGSTON#1

Start Date: 2009.01.14 @ 05:46:36

End Date: 2009.01.14 @ 12:53:06

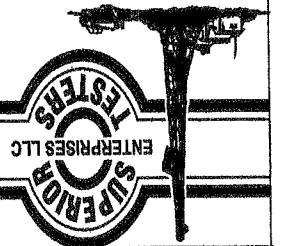
Job Ticket #: 16645 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

3-17-14w

15-009-25301

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16645
 DST#:1
 Test Start: 2009.01.14 @ 05:46:36

GENERAL INFORMATION:

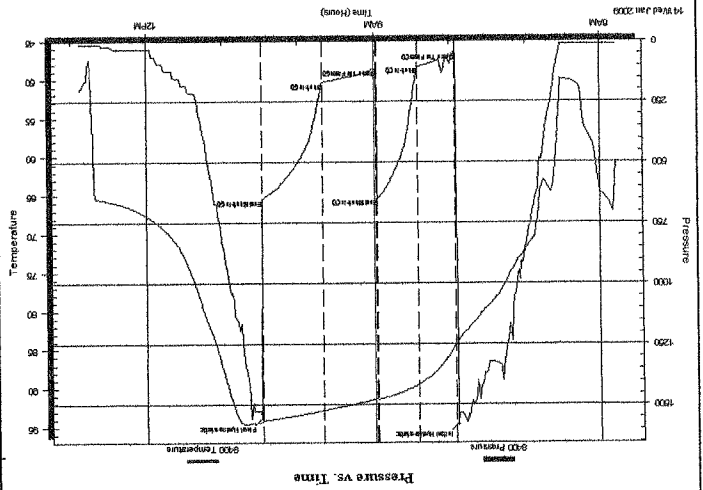
Formation: LANSING A-B
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 07:55:36
 Time Test Ended: 12:53:06
 Interval: 3194.00 ft (KB) To 3231.00 ft (KB) (TVD)
 Total Depth: 3231.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 Capacity: 5000.00 psia
 Last Callb.: 2009.01.14
 Time On Btm: 2009.01.14 @ 07:54:06
 Time Off Btm: 2009.01.14 @ 10:29:06

TEST COMMENT:

30-INITIAL OPENING GOOD BLOW BOTTOM BUCKET IN 3 MINS
 30-INITIAL SHUT IN WEAK BLOW BACK
 45-FINAL OPENING GOOD BLOW BOTTOM OF THE BUCKET IN 3 MINS
 45-FINAL SHUT IN GOOD BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1577.90	83.96	Initial Hydro-static
2	105.62	84.13	Open To Flow (1)
31	105.62	89.41	Shut-in(1)
63	645.58	91.42	End Shut-in(1)
64	114.86	91.34	Open To Flow (2)
107	170.15	92.83	Shut-in(2)
155	651.10	94.13	End Shut-in(2)
155	1553.54	94.33	Final Hydro-static



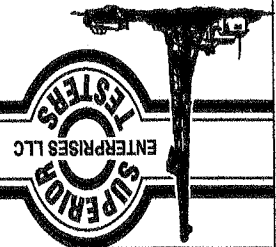
Recovery

Length (ft)	Description	Volume (bbl)
800.00	GAS IN PIPE	11.70
30.00	CLEAN GASSEY OIL 10G90%0	0.44
240.00	GASSEY OIL TRACE MAND W 20G 700 13.51V	
60.00	OIL CUT WATER 10 O 90 W	0.88

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16645
 DST#: 1
 Test Start: 2009.01.14 @ 05:46:36

GENERAL INFORMATION:

Formation: LANSING-A-B
 Deviated: No Whipstock:
 Time Tool Opened: 07:55:36
 Time Test Ended: 12:53:06
 Interval: 3194.00 ft (KB) To 3231.00 ft (KB) (TVD)
 Total Depth: 3231.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 KB to GRFC:

Serial #: 26450

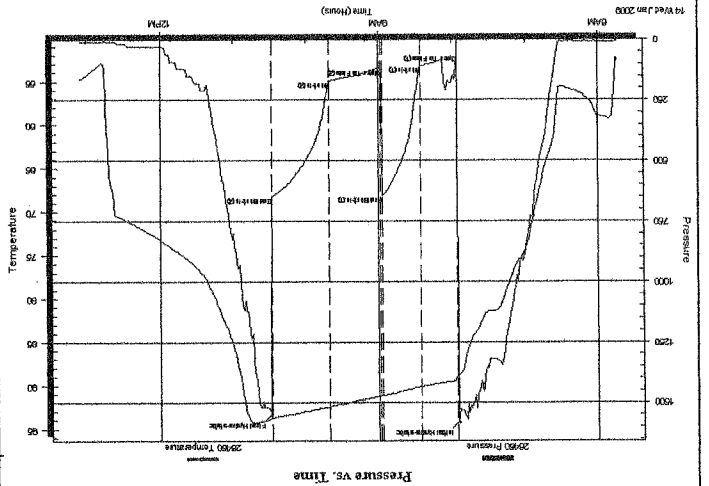
Outside
 Press@RunDepth: 650.35 psia @ 3226.00 ft (KB)
 Start Date: 2009.01.14
 End Date: 05:45:03
 Start Time: 13:06:12
 End Time:
 Last Call: 2009.01.14
 Capacity:
 5000.00 psia
 Time On Btm: 2009.01.14 @ 07:54:13
 Time Off Btm: 2009.01.14 @ 10:29:13

TEST COMMENT:

30-INITIAL OPENING GOOD BLOW BOTTOM BUCKET IN 3 MINS
 30-INITIAL SHUT IN WEAK BLOW BACK
 45-FINAL OPENING GOOD BLOW BOTTOM OF THE BUCKET IN 3 MINS
 45-FINAL SHUT IN GOOD BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1581.56	88.79	Initial Hydro-static
1	61.17	88.72	Open To Flow (1)
31	110.16	90.14	Shut-in(1)
63	644.10	91.10	End Shut-in(1)
64	119.56	91.18	Open To Flow (2)
107	170.76	92.42	Shut-in(2)
154	650.35	93.69	End Shut-in(2)
155	1550.27	93.77	Final Hydro-static

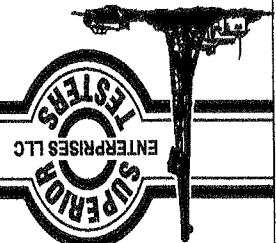


Recovery

Length (ft)	Description	Volume (bbl)
800.00	GAS IN PIPE	11.70
30.00	CLEAN GASSEY OIL 10G90%0	0.44
240.00	GASSEY OIL TRACE MAND W 20G 700 @ 3.51 V	
60.00	OIL CUT WATER 10 O 90 W	0.88

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16645
 DST#: 1
 Test Start: 2009.01.14 @ 05:46:36

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tool Information

Drill Pipe: Length: 3194.00 ft Diameter: 3.88 inches Volume: 46.71 bbl Tool Weight: 2000.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 2000.00 lb
 Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight to Pull Loose: 36000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 30000.00 lb Final 30000.00 lb
 Drill Pipe Above KB: 21.00 ft
 Depth to Top Packer: 3194.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 37.00 ft
 Tool Length: 58.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

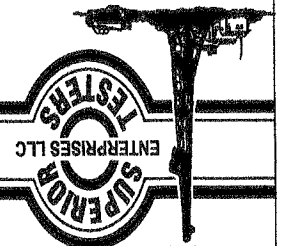
Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3174.00	
Shut-In Tool	5.00			3179.00	
Hydraulic Tool	5.00			3184.00	
Packer	5.00			3189.00	
Packer	5.00			3194.00	
Perforations	32.00			3226.00	
Recorder	0.00	8400	Inside	3226.00	
Recorder	0.00	91986	Outside	3226.00	
Bullnose	5.00			3231.00	
Total Tool Length:	58.00				

Bottom Packers & Anchor 37.00
 Bottom Of Top Packer 21.00

FLUID SUMMARY

DRILL STEM TEST REPORT



L B EXPLORATION INC

KINGSTON#1

2135 2ND RD
HOLYROOD KS 67450

Job Ticket: 16645

ATTN: JIM

3-17-14

DST#: 1

Test Start: 2009.01.14 @ 05:46:36

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 45.00 sec/qt
Water Loss: 11.18 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: inches
Cushion Type: Oil API: 34 deg API
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Pressure: psia
Gas Cushion Type: Gas Cushion Pressure: psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
800.00	GAS IN PIPE	11.699
30.00	CLEAN GASSEY OIL 100G90%0	0.439
240.00	GASSEY OIL TRACE MAND W 20G 700 5M51	3.510
60.00	OIL CUT WATER 10 O 90 W	0.877

Total Length: 1130.00 ft Total Volume: 16.525 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8400

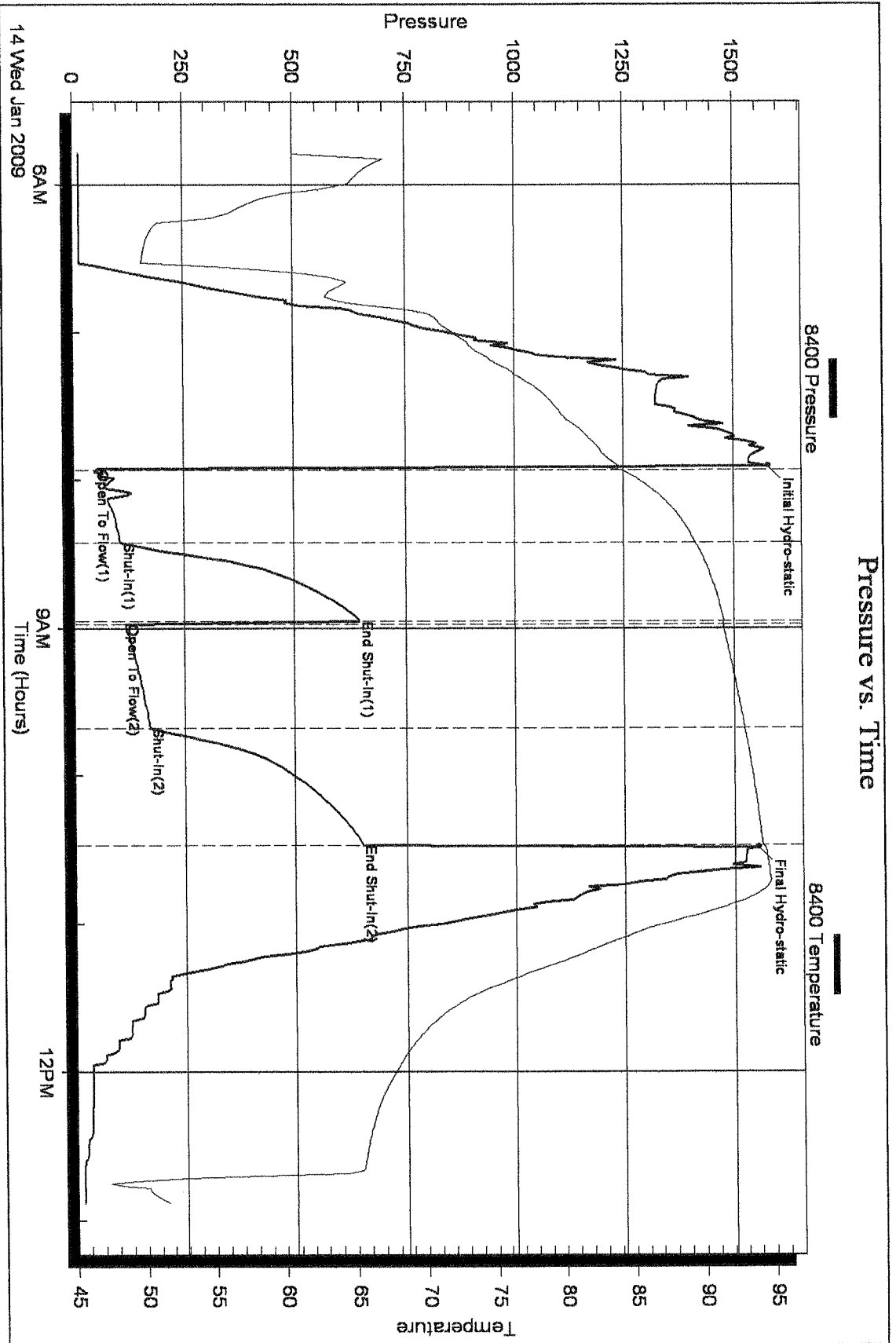
Inside

L B EXPLORATION INC

3-17-14

DST Test Number: 1

Pressure vs. Time



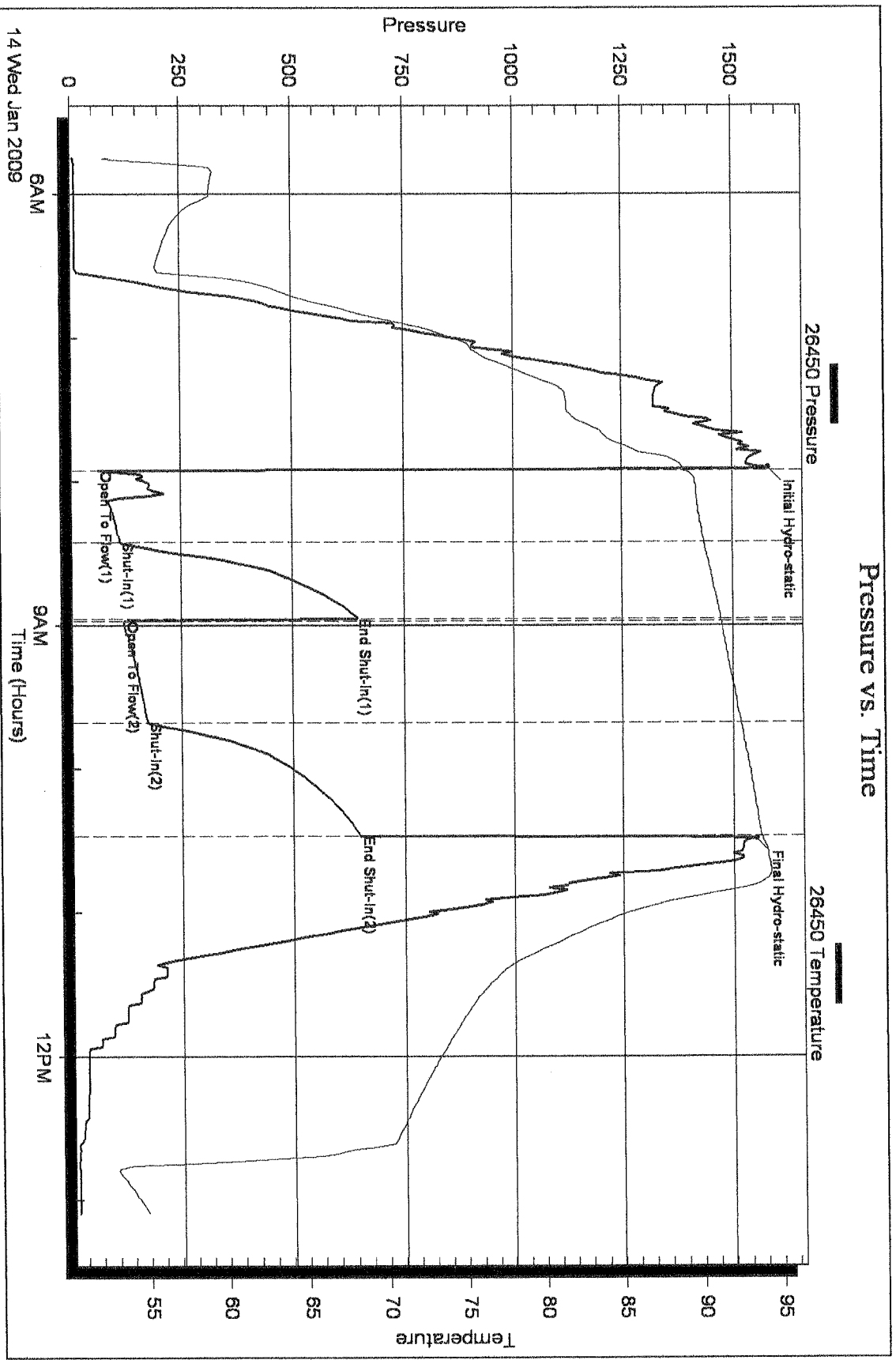
Serial #: 26450

Outside L B EXPLORATION INC

3-17-14

DST Test Number: 1

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16845

Printed: 2009.01.22 @ 12:01:27

L B EXPLORATION INC KINGSTON#1 3-17-14 DST # 2 LANSING 2009.01.14



DRILL STEM TEST REPORT

Prepared For: L B EXPLORATION INC

2135 2ND RD
HOLYROOD KS 67450

ATTN: JIM

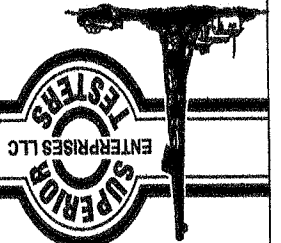
3-17-14

KINGSTON#1

Start Date: 2009.01.14 @ 20:55:29
End Date: 2009.01.15 @ 03:22:59
Job Ticket #: 16646
DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16646
 DST#: 2
 Test Start: 2009.01.14 @ 20:55:29

GENERAL INFORMATION:

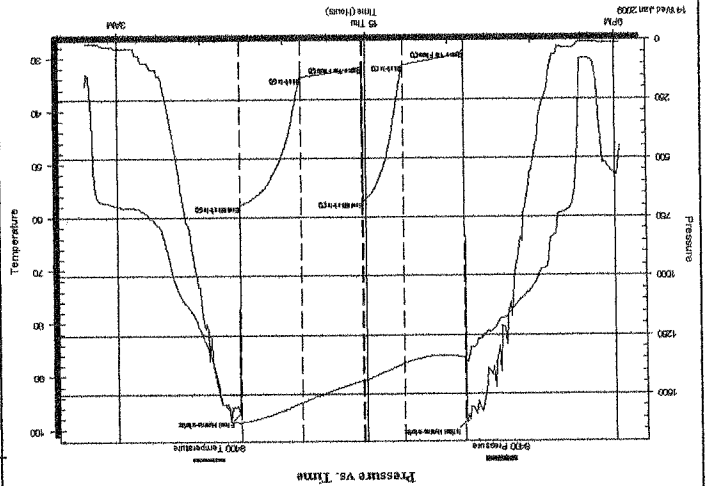
Formation: **LANSING**
 Deviated: No
 Whipstock: ft (KB)
 Time Tool Opened: 22:48:29
 Time Test Ended: 03:22:59
 Interval: **3241.00 ft (KB) To 3280.00 ft (KB) (TVD)**
 Total Depth: 3280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 KB to GRCF: 6.00 ft
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 Unit No: 3345 42 M GB
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Capacity: 5000.00 psia
 Last Callb.: 2009.01.14
 Time On Btm: 2009.01.14 @ 22:47:29
 Time Off Btm: 2009.01.15 @ 01:32:29

TEST COMMENT:

45-INITIAL OPENING FAIR BLOW BOTTOM BUCKET IN 20 MINS
 30-INITIAL SHUT IN NO BLOW BACK
 45-FINAL OPENING FAIR BLOW BOTTOM BUCKET IN 25 MINS
 45-FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1616.51	87.20	Initial Hydro-static
1	46.96	86.52	Open To Flow (1)
45	104.51	87.54	Shut-h(1)
75	682.94	90.79	End Shut-h(1)
75	111.94	90.70	Open To Flow (2)
120	156.73	94.92	Shut-h(2)
164	697.56	98.64	End Shut-h(2)
165	1582.37	98.86	Final Hydro-static



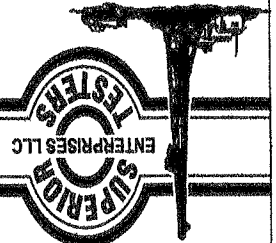
Recovery

Length (ft)	Description	Volume (bbl)
5.00	CLEAN OIL 100 OIL	0.07
180.00	MUD CUT WATER 40% M 60% W	2.52
60.00	WATER CUT MUD 80% M 20% W	0.84

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16646
 DST#: 2
 Test Start: 2009.01.14 @ 20:55:29

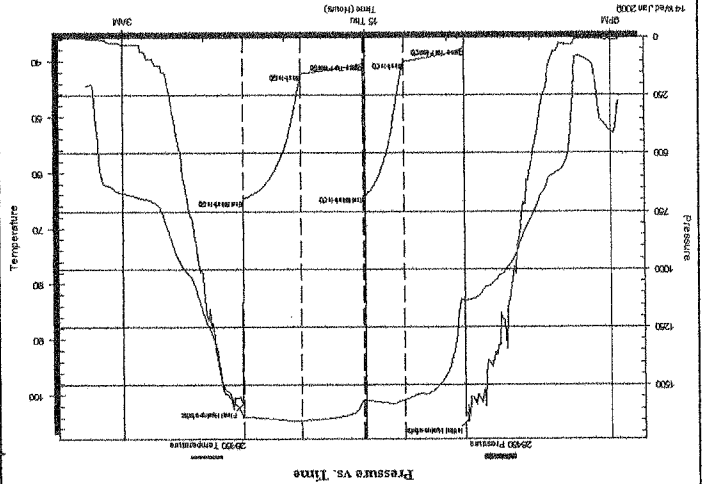
GENERAL INFORMATION:

Formation: LANSING
 Deviated: No
 Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 42 M GB
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 Interval: 3241.00 ft (KB) To 3280.00 ft (KB) (TVD)
 Total Depth: 3280.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches-Hole Condition: Fair
 Serial #: 26450
 Outside
 Press@RunDepth: 696.83 psia @ 3275.00 ft (KB)
 Start Date: 2009.01.14
 End Date: 2009.01.15
 Capacity: 5000.00 psia
 Last Callb: 2009.01.14
 Time On Blm: 2009.01.14 @ 22:45:43
 Time Off Blm: 2009.01.15 @ 01:31:13

TEST COMMENT: 45-INITIAL OPENING FAIR BLOW BOTTOM BUCKET IN 20 MINS
 30-INITIAL SHUT IN NO BLOW BACK
 45-FINAL OPENING FAIR BLOW BOTTOM BUCKET IN 25 MINS
 45-FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1652.27	82.95	Initial Hydro-static
2	48.16	82.63	Open To Flow (1)
46	104.47	100.82	Shut-h(1)
76	682.06	100.92	End Shut-h(1)
76	111.85	100.85	Open To Flow (2)
122	156.50	104.58	Shut-h(2)
165	696.83	103.79	End Shut-h(2)
166	1581.54	103.86	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
5.00	CLEAN OIL 100 OIL	0.07
180.00	MUD CUT WATER 40% M 60% W	2.52
60.00	WATER CUT MUD 80% M 20% W	0.84

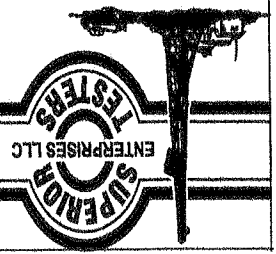
Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/D)

Printed: 2009.01.22 @ 12:01:11

Ref. No: 16646

Superior Testers Enterprises LLC



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16646
 DST#: 2
 Test Start: 2009.01.14 @ 20:55:29

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tool Information

Drill Pipe: Length: 3223.00 ft Diameter: 3.80 inches Volume: 45.21 bbl
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
 Weight set on Packer: 20000.00 lb
 Weight to Full Loose: 30000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 20000.00 lb
 Final 20000.00 lb
 Drill Pipe Above KB: 3.00 ft
 Depth to Top Packer: 3241.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 39.00 ft
 Tool Length: 60.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3221.00	
Shut-in Tool	5.00			3226.00	
Hydraulic Tool	5.00			3231.00	
Packer	5.00			3236.00	Bottom Of Top Packer
Packer	5.00			3241.00	
Perforations	34.00			3275.00	
Recorder	0.00	8400	inside	3275.00	
Recorder	0.00	91986	Outside	3275.00	
Bullnose	5.00			3280.00	
Total Tool Length:	60.00				

Bottom Packers & Anchor 39.00



DRILL STEM TEST REPORT

FLUID SUMMARY

L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM
 Job Ticket: 16646
 DST#: 2
 Test Start: 2009.01.14 @ 20:55:29
 KINGSTON#1
 3-17-14

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 45.00 sec/qt
 Water Loss: 11.18 in³
 Resistivity: ohm.m
 Salinity: 6800.00 ppm
 Filter Cake: 0.10 inches
 Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Pressure: psia
 Gas Cushion Type:
 Oil API: deg API
 Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	CLEAN OIL 100 OIL	0.070
180.00	MUD CUT WATER 40% M 60% W	2.525
60.00	WATER CUT MUD 80% M 20% W	0.842

Total Length: 245.00 ft Total Volume: 3.437 bbl

Num Fluid Samples: 0
 Laboratory Name:
 Laboratory Location:
 Num Gas Bombs: 0
 Serial #:

Recovery Comments:

Serial #: 8400

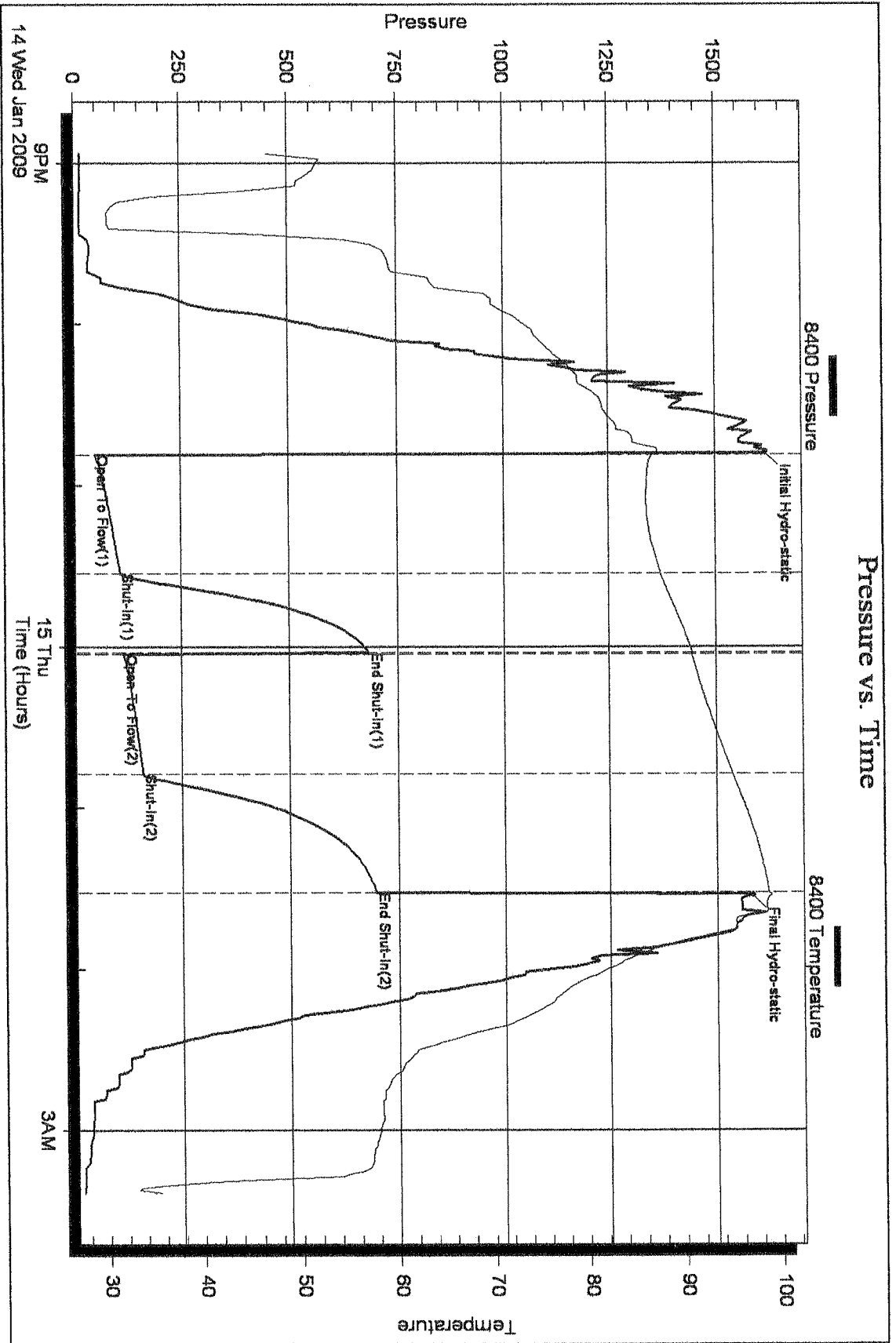
Inside

L B EXPLORATION INC

3-17-14

DST Test Number: 2

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16646

Printed: 2009.01.22 @ 12:01:12

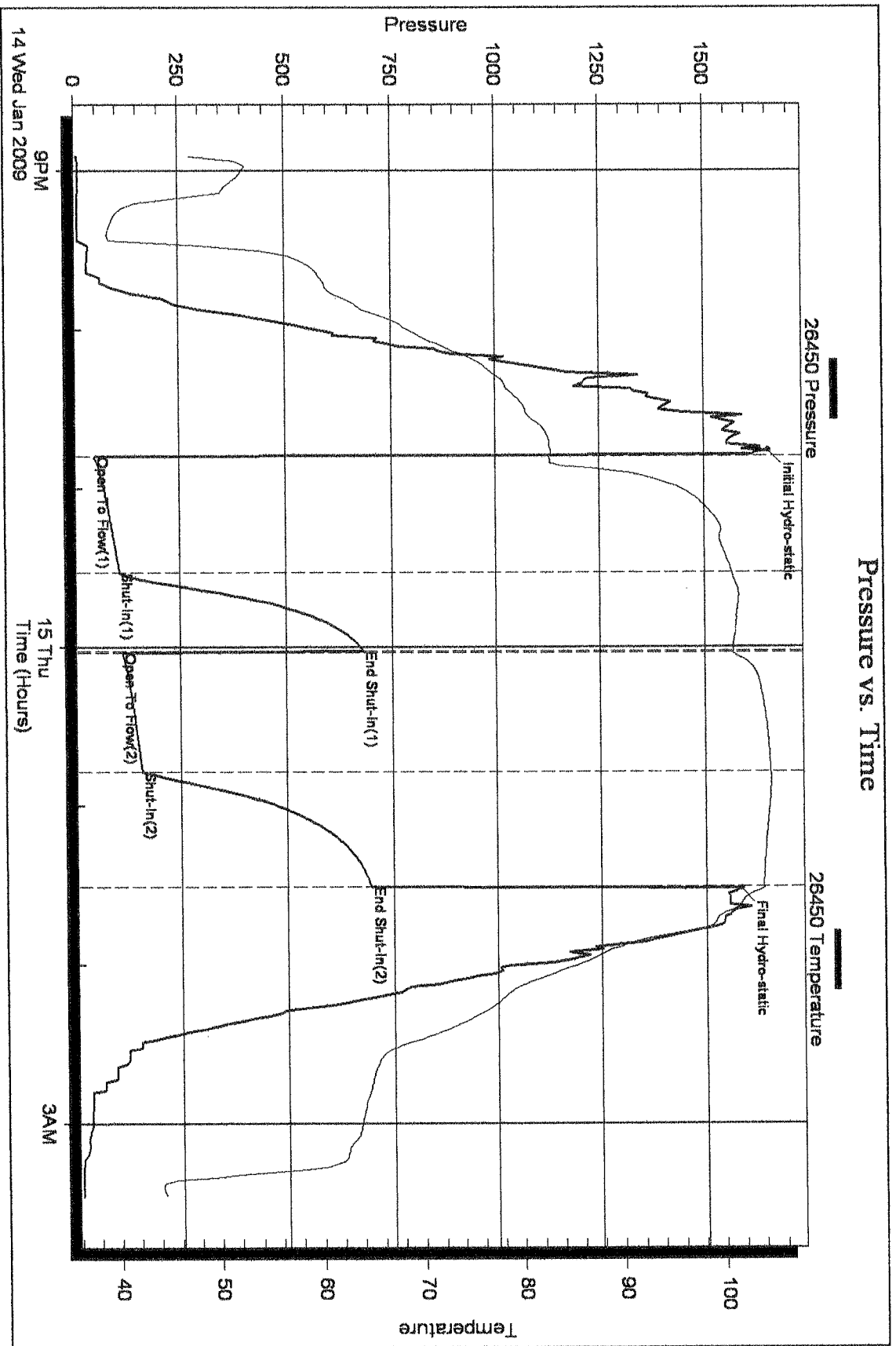
Serial #: 26450

Outside L B EXPLORATION INC

3-17-14

DST Test Number: 2

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16646

Printed: 2009 01 22 @ 12:01:12

L B EXPLORATION INC KINGSTON#1 3-17-14 DST # 3 LANSING G 2009.01.15



DRILL STEM TEST REPORT

Prepared For: L B EXPLORATION INC

2135 2ND RD
HOLYROOD KS 67450

ATTN: JIM

3-17-14

KINGSTON#1

Start Date: 2009.01.15 @ 09:45:59

End Date: 2009.01.15 @ 15:36:59

Job Ticket #: 16647
DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530

1-800-792-6902

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16647
 DST#: 3
 Test Start: 2009.01.15 @ 09:45:59

GENERAL INFORMATION:

Formation: **LANSING**
 Deviated: No
 Whipstock: No
 Time Tool Opened: 11:49:59
 Time Test Ended: 15:36:59
 Interval: **3284.00 ft (KB) To 3298.00 ft (KB) (TVD)**
 Total Depth: 3298.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches/Hole Condition: Fair
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 KB to GR/CF:

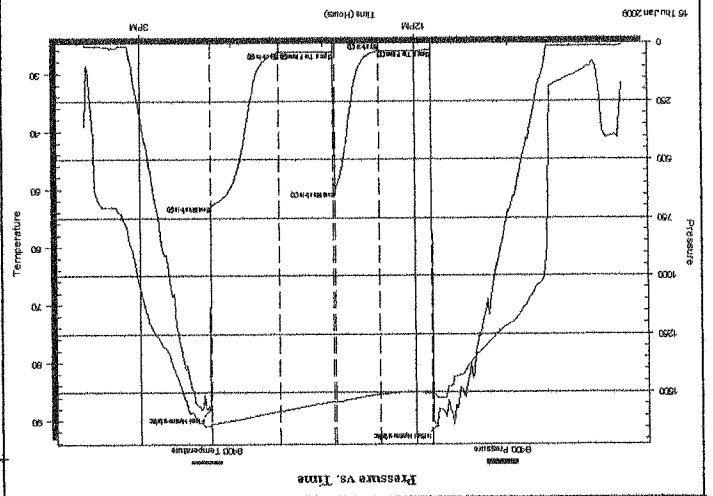
Serial #: 8400
 Inside
 Press@RunDepth: 40.83 psia @ 3293.00 ft (KB)
 Start Date: 2009.01.15
 End Date: 2009.01.15
 Start Time: 09:46:59
 End Time: 15:36:59

Capacity: 5000.00 psia
 Last Callb.: 2009.01.15
 Time On Btm: 2009.01.15 @ 11:46:59
 Time Off Btm: 2009.01.15 @ 14:14:29

TEST COMMENT: 30-INITIAL OPENING WEAK BLOW BUILT TO 1/2 INTO WATER
 30-INITIAL SHUT IN NO BLOW BACK
 30-FINAL OPENING SURFACE BLOW
 45-FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY

Annotation	Temp (deg F)	Pressure (psia)	Time (Min.)
Initial Hydro-static	86.01	1643.92	0
Open To Flow (1)	84.58	32.95	3
Shut-in(1)	85.48	35.91	37
End Shut-in(1)	86.86	632.15	66
Open To Flow (2)	86.76	38.06	67
Shut-in(2)	88.42	40.83	102
End Shut-in(2)	90.58	696.29	147
Final Hydro-static	90.92	1572.45	148



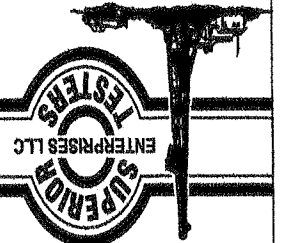
Recovery

Length (ft)	Description	Volume (bbl)
20.00	DRILLING MUD	0.28

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16647
 DST#: 3
 Test Start: 2009.01.15 @ 09:45:59

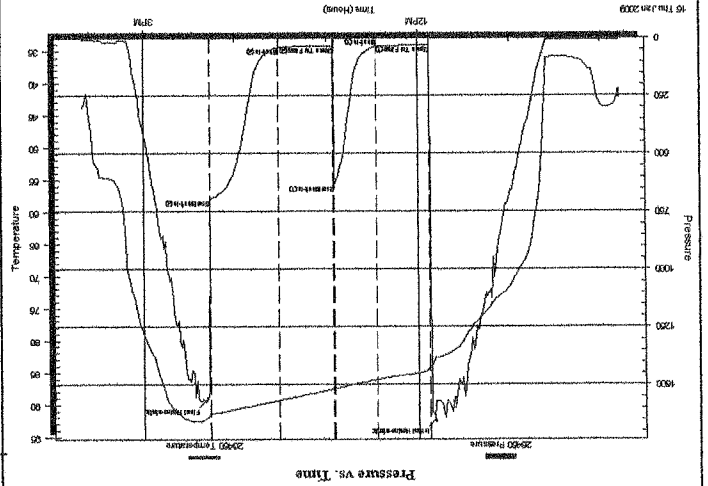
GENERAL INFORMATION:

Formation: **LANSING G**
 Deviated: No
 Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 42 M GB
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 Interval: 3284.00 ft (KB) To 3298.00 ft (KB) (TVD)
 Total Depth: 3298.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Outside
 Serial #: 26450
 Press@RunDepth: 694.64 psia @ 3293.00 ft (KB)
 Start Date: 2009.01.15
 End Date: 2009.01.15
 Start Time: 09:48:03
 End Time: 15:41:12
 Time On Btm: 2009.01.15 @ 11:49:13
 Time Off Btm: 2009.01.15 @ 14:19:13
 Capacity: 5000.00 psia
 Last Callb.: 2009.01.15

TEST COMMENT: 30-INITIAL OPENING WEAK BLOW BUILT TO 1 1/2 INTO WATER
 30-INITIAL SHUT IN NO BLOW BACK
 30-FINAL OPENING SURFACE BLOW
 45-FINAL SHUT IN NO BLOW BACK

PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1655.03	82.76	Initial Hydro-static
4	32.45	84.16	Open To Flow (1)
38	35.69	86.10	Shut-in(1)
66	635.15	87.48	End Shut-in(1)
67	37.33	87.49	Open To Flow (2)
102	39.76	89.32	Shut-in(2)
147	694.64	91.42	End Shut-in(2)
150	1568.88	92.25	Final Hydro-static

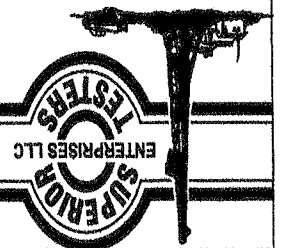


Recovery

Length (ft)	Description	Volume (bl)
20.00	DRILLING MUD	0.28

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450

3-17-14
 Job Ticket: 16647
 DST#: 3
 ATTN: JIM
 Test Start: 2009.01.15 @ 09:45:59

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tool Information

Drill Pipe: Length: 3266.00 ft Diameter: 3.80 inches Volume: 45.81 bbl Tool Weight: 2000.00 lb
 Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 20000.00 lb
 Drill Collar: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight to Pull Loose: 20000.00 lb
 Tool Chased 0.00 ft
 String Weight: Initial 17000.00 lb Final 17000.00 lb
 Drill Pipe Above KB: 3.00 ft
 Depth to Top Packer: 3284.00 ft
 Depth to Bottom Packer: ft
 Interval between Packers: 14.00 ft
 Tool Length: 35.00 ft
 Number of Packers: 2 Diameter: 6.75 inches
 Tool Comments:

Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3264.00	
Shut-in Tool	5.00			3269.00	
Hydraulic Tool	5.00			3274.00	
Packer	5.00			3279.00	21.00
Packer	5.00			3284.00	
Packer	9.00			3293.00	
Perforations	0.00	8400	Inside	3293.00	
Recorder	0.00	91986	Outside	3293.00	
Recorder	0.00			3298.00	14.00
Bullnose	5.00			3298.00	
Total Tool Length:	35.00				

Bottom Packers & Anchor

Serial #: 8400

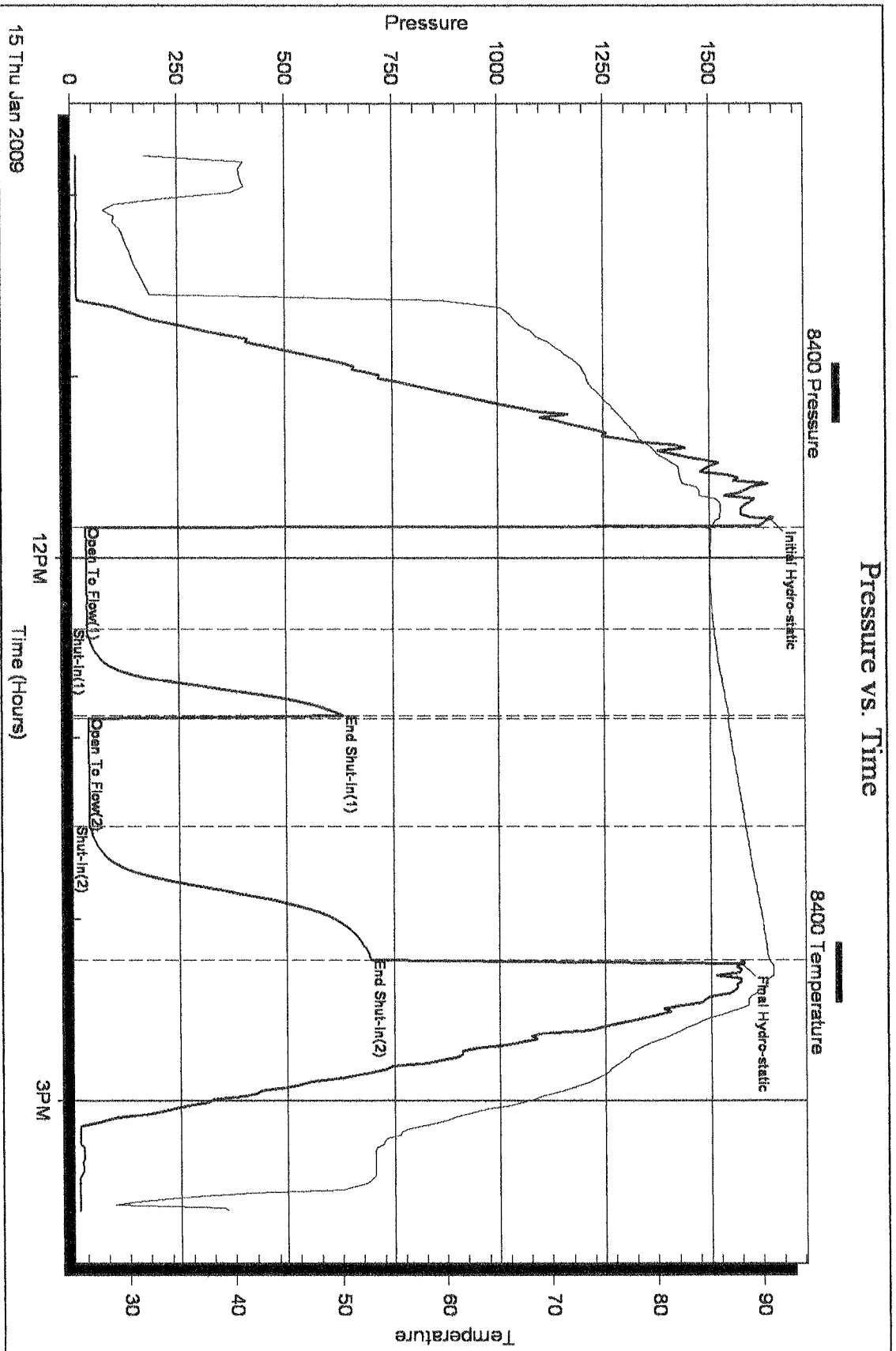
Inside

L B EXPLORATION INC

3-17-14

DST Test Number: 3

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16647

Printed: 2009.01.22 @ 12:00:46

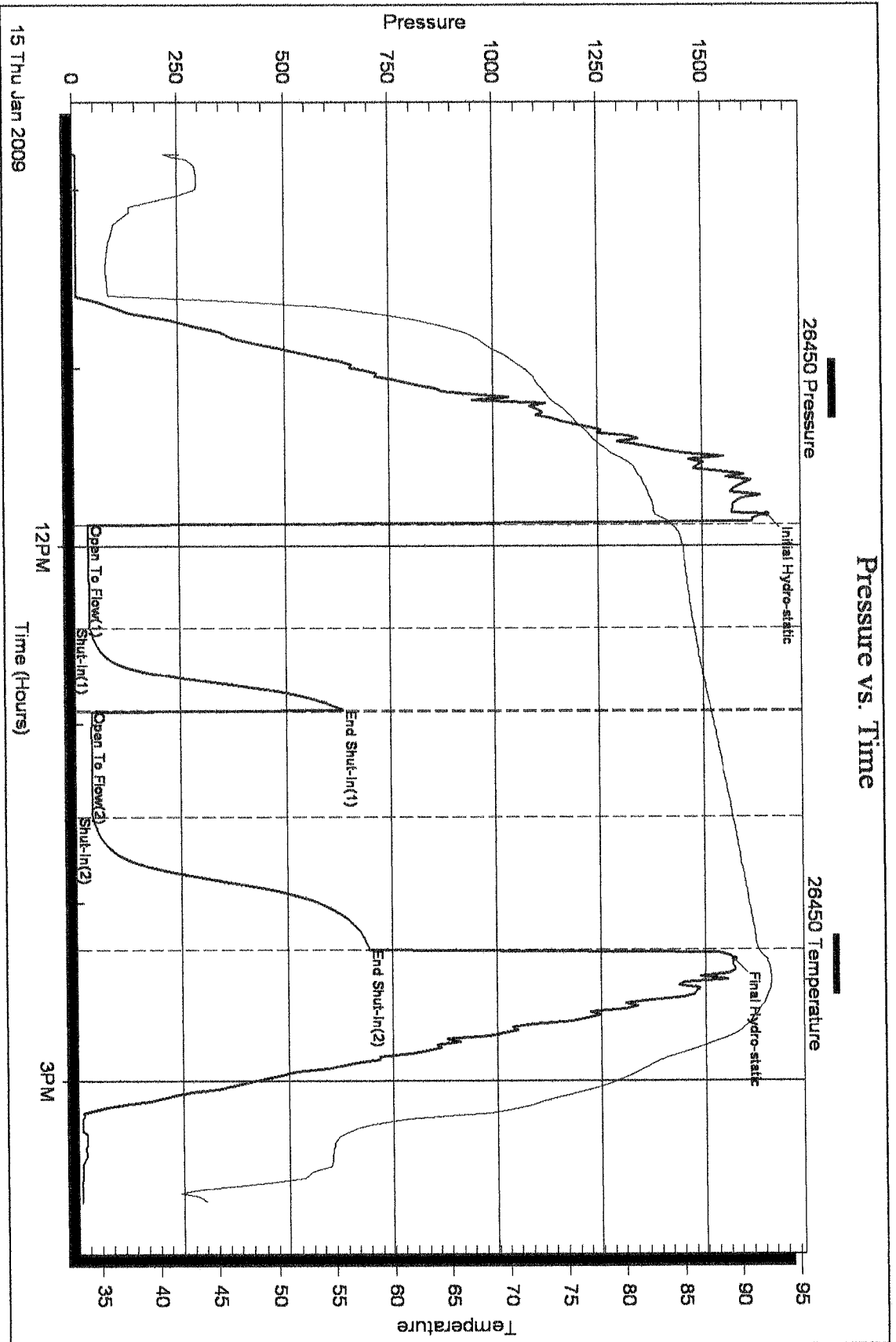
Serial #: 26450

Outside L B EXPLORATION INC

3-17-14

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: L B EXPLORATION INC

2135 2ND RD
HOLYROOD KS 67450

ATTN: JIM

3-17-14

KINGSTON#1

Start Date: 2009.01.16 @ 08:19:22

End Date: 2009.01.16 @ 15:10:22

Job Ticket #: 16648 DST #: 4

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

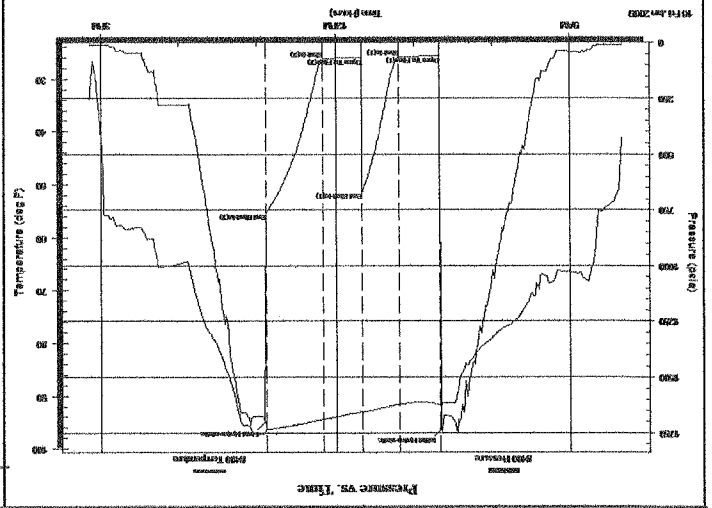
KINGSTON#1
 3-17-14
 Job Ticket: 16648
 DST#: 4
 Test Start: 2009.01.16 @ 08:19:22

GENERAL INFORMATION:

Formation: ARBUCKLE
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:40:22
 Time Test Ended: 15:10:22
 Interval: 3406.00 ft (KB) To 3468.00 ft (KB) (TVD)
 Total Depth: 3468.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 Capacity: 5000.00 psia
 Last Callb.: 2009.01.16
 Time On Btm: 2009.01.16 @ 10:39:52
 Time Off Btm: 2009.01.16 @ 12:54:52

TEST COMMENT:

30-INITIAL OPENING WEAK BLOW BUILT TO 2 INCHES INTO WATER
 30-INITIAL SHUT IN NO BLOW BACK
 30-FINAL FLOW SURFACE BLOW
 45-FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1734.39	92.05	Initial Hydro-static
1	58.47	91.71	Open To Flow (1)
32	64.97	91.58	Shut-in(1)
61	669.17	93.13	End Shut-in(1)
61	67.39	93.01	Open To Flow (2)
90	71.12	94.41	Shut-in(2)
134	763.43	96.36	End Shut-in(2)
135	1701.68	96.86	Final Hydro-static

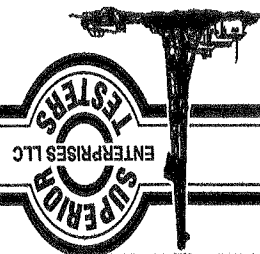
Recovery

Length (ft)	Description	Volume (bbl)
20.00	DRILLING MUD	0.00

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT



L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM

KINGSTON#1
 3-17-14
 Job Ticket: 16648
 DST#: 4
 Test Start: 2009.01.16 @ 08:19:22

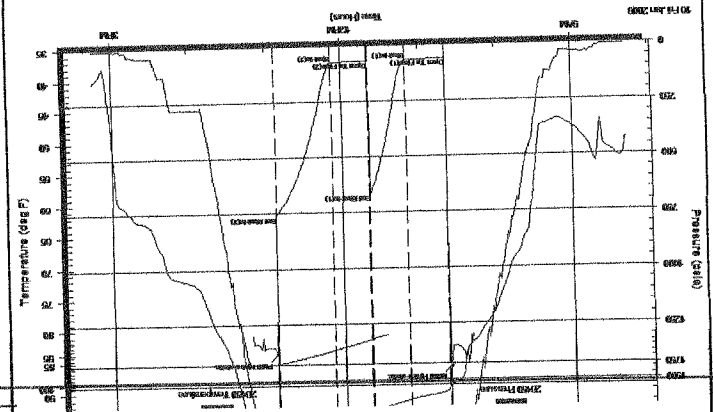
GENERAL INFORMATION:

Formation: ARBUCKLE
 Deviated: No
 Whipstock: No
 Time Tool Opened: 10:40:22
 Time Test Ended: 15:10:22
 Interval: 3406.00 ft (KB) To 3468.00 ft (KB) (TVD)
 Total Depth: 3468.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inchesHole Condition: Fair
 Reference Elevations: 1972.00 ft (KB)
 1966.00 ft (CF)
 6.00 ft
 Test Type: Conventional Bottom Hole (Initial)
 Tester: DAVID NICHOLS
 Unit No: 3345 42 MGB

Serial #: 26450
 Outside
 Press@RunDepth: 762.39 psia @ 3463.00 ft (KB)
 Start Date: 2009.01.16
 End Date: 2009.01.16
 Start Time: 08:18:39
 End Time: 15:15:48

Capacity: 5000.00 psia
 Last Call: 2009.01.16
 Time On Btm: 2009.01.16 @ 10:37:19
 Time Off Btm: 2009.01.16 @ 12:53:19

TEST COMMENT: 30-INITIAL OPENING W/ PUMP BUILT TO 2 INCHES INTO WATER
 30-INITIAL SHUT IN NO BLOW BACK
 30-FINAL FLOW SURFACE BLOW
 45-FINAL SHUT IN NO BLOW BACK



Recovery

Length (ft)	Description	Volume (bbl)
20.00	DRILLING MUD	0.00

Superior Testers Enterprises LLC
 Ref. No: 16648

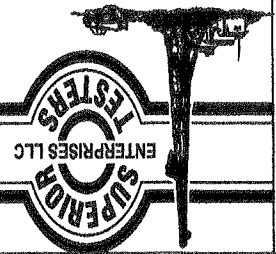
Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

Printed: 2009.01.20 @ 07:18:24

PRESSURE SUMMARY

Time (Min)	Pressure (psia)	Temp (deg F)	Annotation
0	1701.22	88.36	Initial Hydro-static
2	667.58	88.36	Open To Flow (1)
33	64.78	88.36	Shut-in (1)
62	667.58	88.36	End Shut-in (1)
62	68.23	88.36	Open To Flow (2)
91	71.85	88.36	Shut-in (2)
135	762.39	88.36	End Shut-in (2)
136	1701.22	88.36	Final Hydro-static



DRILL STEM TEST REPORT

L B EXPLORATION INC
 2135 2ND RD
 HOLYROOD KS 67450
 ATTN: JIM
 Test Start: 2009.01.16 @ 08:19:22

KINGSTON#1
 3-17-14
 Job Ticket: 16648
 DST#:4

Tool Information	
Drill Pipe: Length: 3208.00 ft Diameter: 3.80 inches Volume: 45.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar: Length: 180.00 ft Diameter: 0.00 inches Volume: 0.00 bbl	Weight to Pull Loose: 25000.00 lb
<u>Total Volume: 45.00 bbl</u>	
Drill Pipe Above KB: 3.00 ft	Tool Chased 0.00 ft
Depth to Top Packer: 3406.00 ft	String Weight: Initial 22000.00 lb
Depth to Bottom Packer: ft	Final 22000.00 lb
Interval between Packers: 62.00 ft	
Tool Length: 83.00 ft	
Number of Packers: 2	
Diameter: 6.75 inches	
Tool Comments:	

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3386.00	
Shut-in Tool	5.00			3391.00	
Hydrolic Tool	5.00			3396.00	
Packer	5.00			3401.00	
Packer	5.00			3406.00	
Change Over Sub	0.75			3406.75	
Drill Pipe	31.50			3438.25	
Change Over Sub	0.75			3439.00	
Perforations	24.00			3463.00	
Recorder	0.00	8400	Inside	3463.00	
Recorder	0.00	91986	Outside	3463.00	
Bullnose	5.00			3468.00	
					Bottom Packers & Anchor 62.00
Total Tool Length:					83.00

Superior Testers Enterprises LLC
 Ref. No: 16648
 Printed: 2009.01.20 @ 07:18:26

Recovery Information

Length ft	Description	Volume bbl
20.00	DRILLING MUD	0.000
Total Length: 20.00 ft		
Total Volume: bbl		

Num Fluid Samples: 0
 Laboratory Name:
 Recovery Comments:
 Num Gas Borts: 0
 Laboratory Location:
 Serial #:

Mud and Cushion Information

Mud Type:	Gel Chem
Mud Weight:	9.00 lb/gal
Viscosity:	47.00 sec/qt
Water Loss:	16.79 in ³
Resistivity:	ohm.m
Salinity:	18000.00 ppm
Filter Cake:	Inches
Cushion Type:	Oil API:
Cushion Length:	ft
Cushion Volume:	bbl
Gas Cushion Type:	psia
Gas Cushion Pressure:	



DRILL STEM TEST REPORT

FLUID SUMMARY

L B EXPLORATION INC
 2135 2ND RD
 HOLY ROOD KS 67450
 ATTN: JIM
 Test Start: 2009.01.16 @ 08:19:22
 Job Ticket: 16648
 DST#:4
 3-17-14
 KINGSTON#1

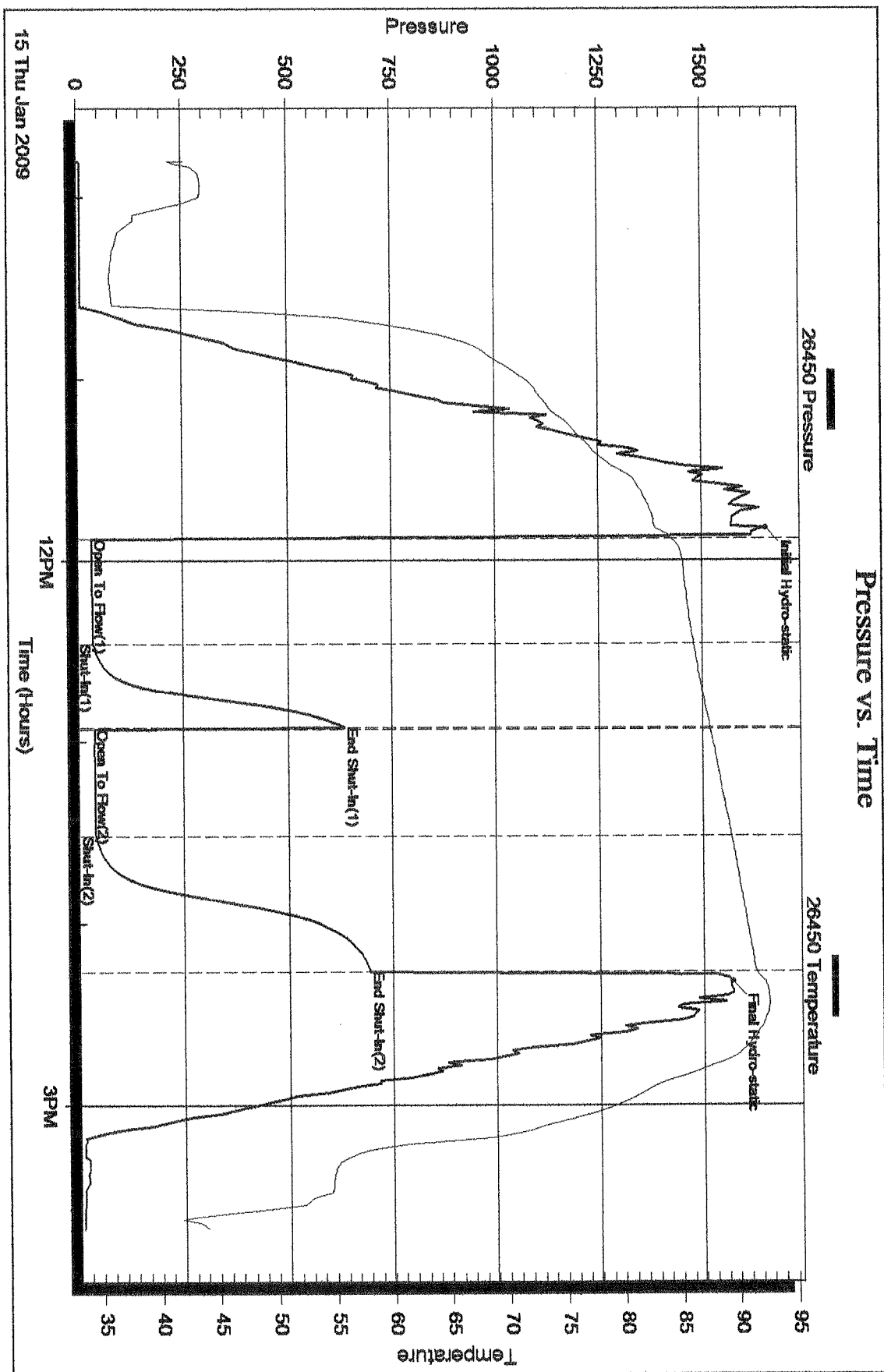
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Outside L B EXPLORATION INC

3-17-14

DST Test Number: 4

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16948

Printed: 2009.01.20 @ 07:18:29

Serial #: 8400

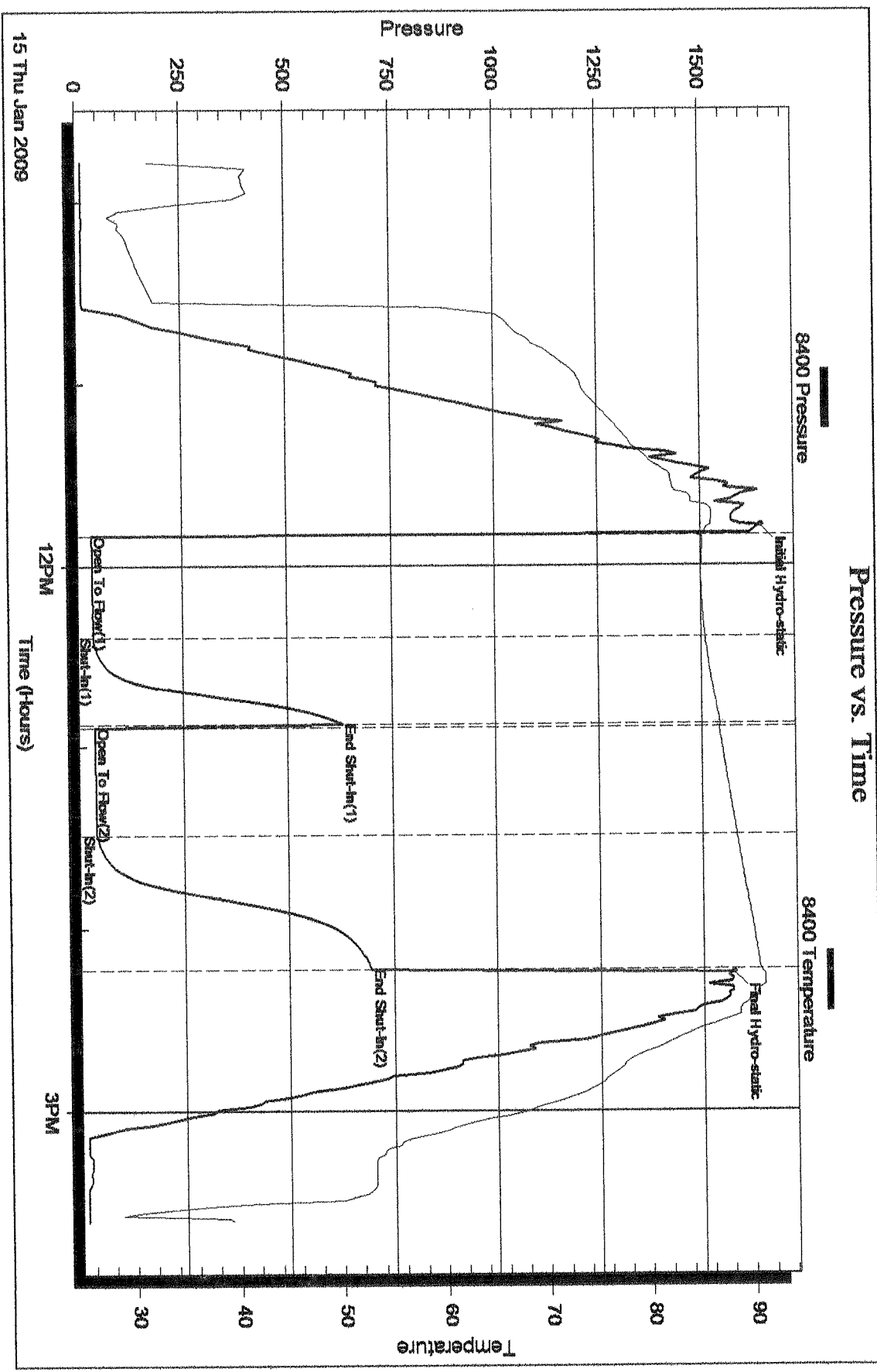
Inside

L B EXPLORATION INC

3-17-14

DST Test Number: 4

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16648

Printed: 2009.01.20 @ 07:18:29