

15-009-25286

1-18s-12w



DRILL STEM TEST REPORT

Prepared For: **LB EXPLORATION INC.**

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

1-18S-12W BARTON

JANEL #1

Start Date: 2008.12.14 @ 08:38:00

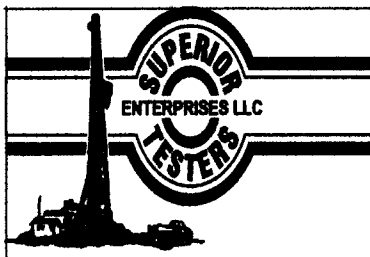
End Date: 2008.12.14 @ 14:00:00

Job Ticket #: 16752 DST #: 1

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

Printed: 2008.12.15 @ 12:34:27

LB EXPLORATION INC. JANEL #1 1-18S-12W BARTON DST # 1 LANSING "B-F" 2008.12.14



DRILL STEM TEST REPORT

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

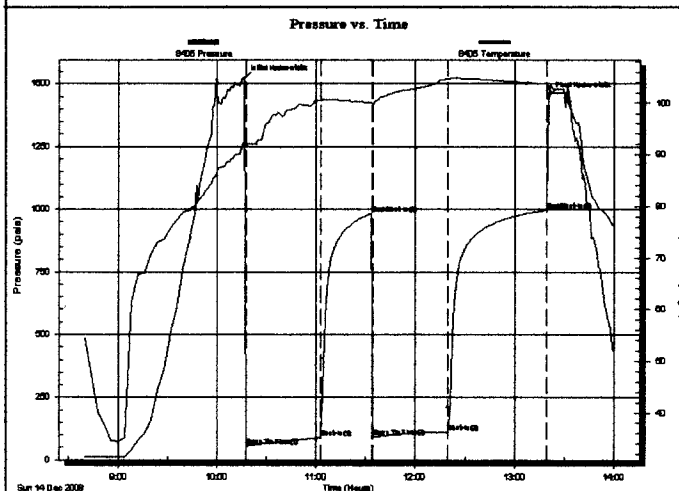
JANEL #1
1-18S-12W BARTON
Job Ticket: 16752 DST#: 1
Test Start: 2008.12.14 @ 08:38:00

GENERAL INFORMATION:

Formation: **LANSING "B-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:17:30
Time Test Ended: 14:00:00
Interval: **3102.00 ft (KB) To 3164.00 ft (KB) (TVD)**
Total Depth: 3164.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: FRANK ZAMARRIPA
Unit No: 3335 32M GB
Reference Elevations: 1843.00 ft (KB)
1838.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **8405** Inside
Press@RunDepth: 113.84 psia @ 3158.64 ft (KB)
Start Date: 2008.12.14 End Date: 2008.12.14
Start Time: 08:40:00 End Time: 14:00:00
Capacity: 2000.00 psia
Last Calib.: 2008.12.14
Time On Btm: 2008.12.14 @ 10:16:30
Time Off Btm: 2008.12.14 @ 13:20:30

TEST COMMENT: 45-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 3 INCHES
30-INITIAL SHUT-IN:NO BLOW BACK
45-FINAL OPEN:WEAK BUILDING BLOW BUILT TO 4 INCHES
60-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1521.62	92.33	Initial Hydro-static
1	56.04	91.88	Open To Flow (1)
46	88.72	100.39	Shut-In(1)
77	982.90	100.08	End Shut-In(1)
78	91.57	99.74	Open To Flow (2)
123	113.84	104.62	Shut-In(2)
184	996.62	103.69	End Shut-In(2)
184	1450.83	102.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MUD 100%	0.66

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

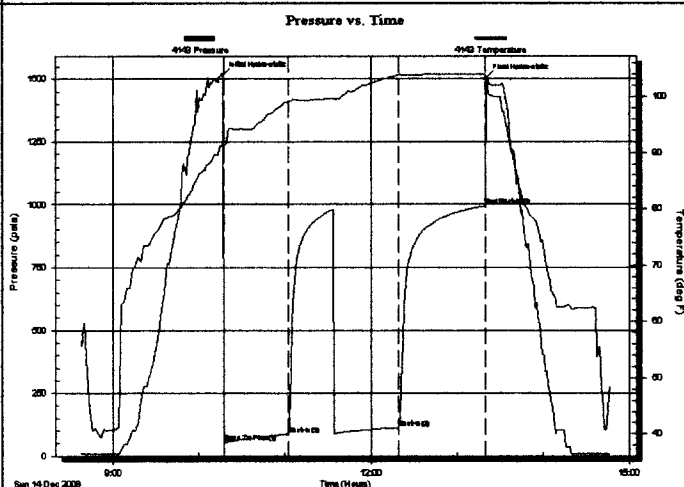
JANEL #1
1-18S-12W BARTON
Job Ticket: 16752 DST#: 1
Test Start: 2008.12.14 @ 08:38:00

GENERAL INFORMATION:

Formation: **LANSING "B-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:17:30
Time Test Ended: 14:00:00
Interval: **3102.00 ft (KB) To 3164.00 ft (KB) (TVD)**
Total Depth: **3164.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: **FRANK ZAMARRIPA**
Unit No: **3335 32M GB**
Reference Elevations: **1843.00 ft (KB)**
1838.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: **4143** Outside
Press@RunDepth: **993.43 psia @ 3159.64 ft (KB)**
Start Date: **2008.12.14** End Date: **2008.12.14**
Start Time: **08:38:01** End Time: **14:46:16**
Capacity: **2000.00 psia**
Last Calib.: **2008.12.14**
Time On Btm: **2008.12.14 @ 10:16:46**
Time Off Btm: **2008.12.14 @ 13:20:16**

TEST COMMENT: 45-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 3 INCHES
30-INITIAL SHUT-IN:NO BLOW BACK
45-FINAL OPEN:WEAK BUILDING BLOW BUILT TO 4 INCHES
60-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

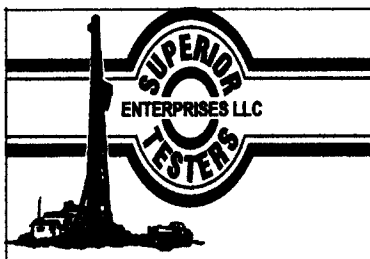
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1517.89	91.46	Initial Hydro-static
1	54.23	91.34	Open To Flow (1)
46	87.70	99.00	Shut-In(1)
123	112.30	103.90	Shut-In(2)
183	993.43	103.96	End Shut-In(1)
184	1504.56	102.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MUD 100%	0.66

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcfd)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16752

DST#: 1

ATTN: JIM MUSGROVE

Test Start: 2008.12.14 @ 08:38:00

Tool Information

Drill Pipe:	Length: 3083.00 ft	Diameter: 3.81 inches	Volume: 43.47 bbl	Tool Weight:	20000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	40000.00 lb
		Total Volume:	44.06 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	122.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3102.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.64 ft				
Tool Length:	83.64 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			3082.00	
Shut-In Tool	5.00			3087.00	
Hydrolic Tool	5.00			3092.00	
Recorder	5.00			3097.00	
Packer	5.00			3102.00	21.00 Bottom Of Top Packer
Change Over Sub	1.00			3103.00	
Drill Pipe	31.64			3134.64	
Change Over Sub	1.00			3135.64	
Perforations	22.00			3157.64	
Recorder	1.00	8405	Inside	3158.64	
Recorder	1.00	4143	Outside	3159.64	
Bullnose	5.00			3164.64	62.64 Anchor Tool

Total Tool Length: 83.64



DRILL STEM TEST REPORT

FLUID SUMMARY

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16752

DST#: 1

ATTN: JIM MUSGROVE

Test Start: 2008.12.14 @ 08:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MUD 100%	0.661

Total Length: 125.00 ft

Total Volume: 0.661 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

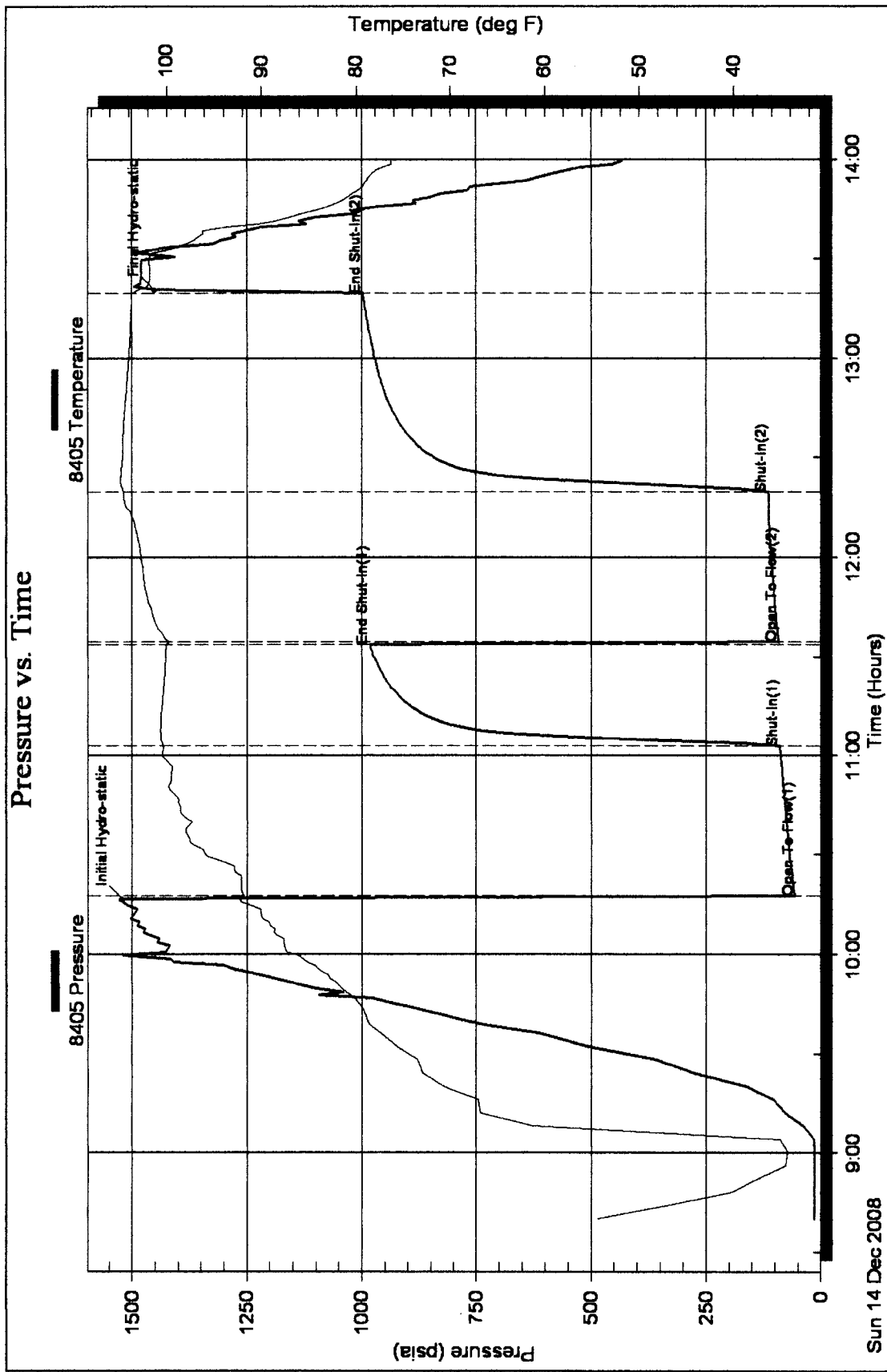
1-18S-12W BARTON

LB EXPLORATION INC.

Inside

Serial #: 8405

Pressure vs. Time



Printed: 2008.12.15 @ 12:34:27

Ref. No: 16752

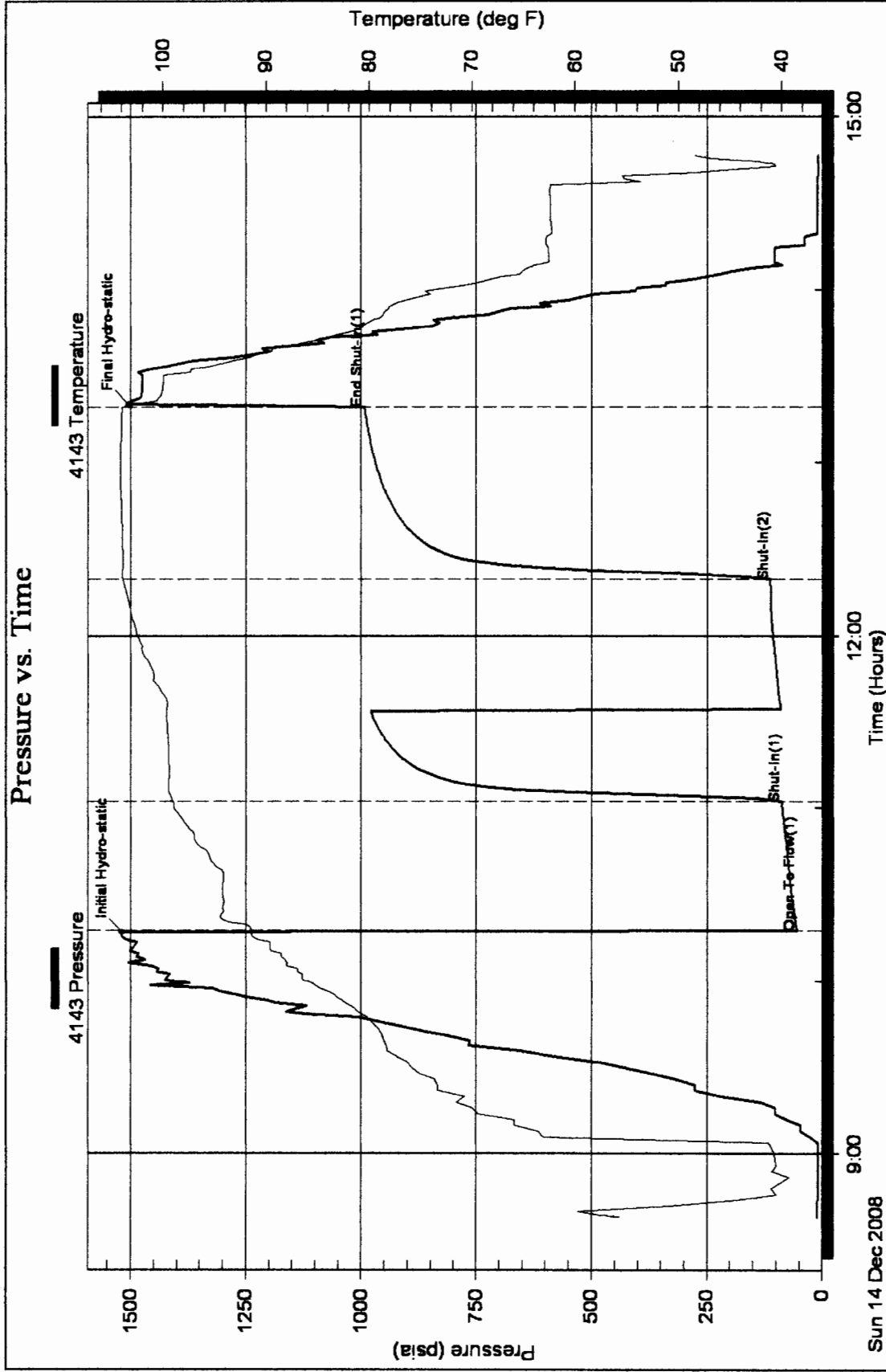
Superior Testers Enterprises LLC

Serial #: 4143

Outside LB EXPLORATION INC.

1-18S-12W BARTON

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **LB EXPLORATION INC.**

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

1-18S-12W BARTON

JANEL #1

Start Date: 2008.12.15 @ 07:50:00

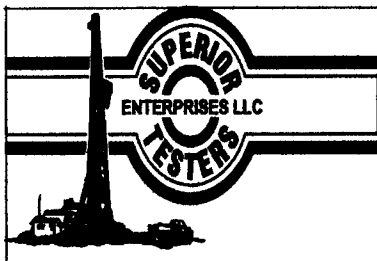
End Date: 2008.12.15 @ 14:18:30

Job Ticket #: 16753 DST #: 2

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

Printed: 2008.12.16 @ 09:07:25

LB EXPLORATION INC. JANEL #1 1-18S-12W BARTON DST # 2 LANSING "H-K" 2008.12.15



DRILL STEM TEST REPORT

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

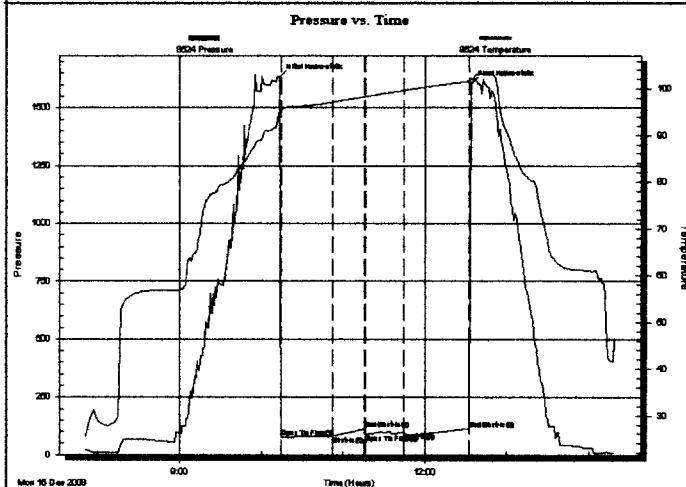
JANEL #1
1-18S-12W BARTON
Job Ticket: 16753 DST#: 2
Test Start: 2008.12.15 @ 07:50:00

GENERAL INFORMATION:

Formation: **LANSING "H-K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:14:30
Time Test Ended: 14:18:30
Interval: **3227.00 ft (KB) To 3330.00 ft (KB) (TVD)**
Total Depth: 3330.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: FRANK ZAMARRIPA
Unit No: 3335 32M GB
Reference Elevations: 1843.00 ft (KB)
1838.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **8524** Outside
Press@RunDepth: 98.50 psia @ 3325.00 ft (KB)
Start Date: 2008.12.15 End Date: 2008.12.15
Start Time: 07:51:00 End Time: 14:18:30
Capacity: 2000.00 psia
Last Calib.: 2008.12.15
Time On Btm: 2008.12.15 @ 10:13:30
Time Off Btm: 2008.12.15 @ 12:33:30

TEST COMMENT: 30-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 1 1/2 INCHES
45-INITIAL SHUT-IN:NO BLOW BACK
30-FINAL OPEN:WEAK SURFACE BLOW
45-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

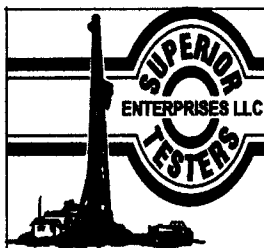
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1631.33	95.23	Initial Hydro-static
1	75.75	95.39	Open To Flow (1)
39	82.63	97.12	Shut-In(1)
62	112.00	98.28	End Shut-In(1)
63	87.25	98.33	Open To Flow (2)
91	98.50	99.66	Shut-In(2)
139	114.67	101.61	End Shut-In(2)
140	1602.09	102.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.02

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

LB EXPLORATION INC.

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

JANEL #1

1-18S-12W BARTON

Job Ticket: 16753

DST#: 2

Test Start: 2008.12.15 @ 07:50:00

GENERAL INFORMATION:

Formation: **LANSING "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:14:30

Time Test Ended: 14:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 32M GB

Interval: **3227.00 ft (KB) To 3330.00 ft (KB) (TVD)**

Total Depth: 3330.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1843.00 ft (KB)

1838.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **27799** Inside

Press@RunDepth: 110.19 psia @ 3324.00 ft (KB)

Start Date: 2008.12.15

End Date:

2008.12.15

Start Time: 07:50:25

End Time:

14:32:25

Capacity: 2000.00 psia

Last Calib.: 2008.12.15

Time On Btm: 2008.12.15 @ 10:14:25

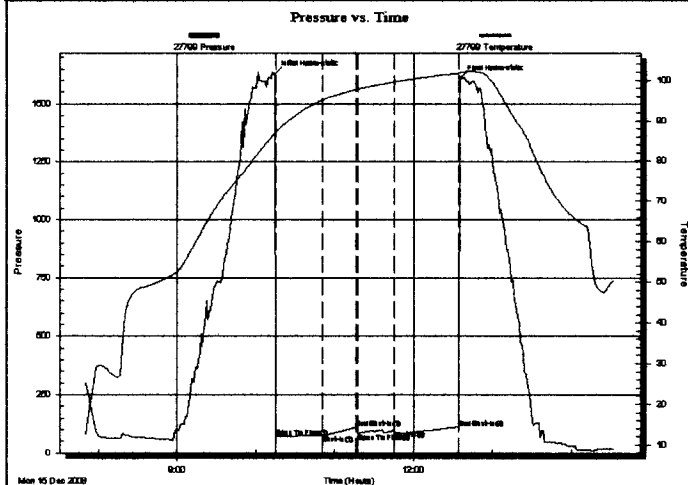
Time Off Btm: 2008.12.15 @ 12:35:25

TEST COMMENT: 30-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 1 1/2 INCHES

45-INITIAL SHUT-IN:NO BLOW BACK

30-FINAL OPEN:WEAK SURFACE BLOW

45-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

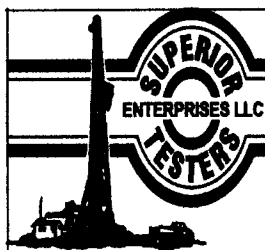
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1628.17	86.87	Initial Hydro-static
1	69.18	87.27	Open To Flow (1)
36	76.07	94.99	Shut-In(1)
62	110.01	97.65	End Shut-In(1)
63	83.49	97.73	Open To Flow (2)
91	95.41	99.53	Shut-In(2)
140	110.19	101.68	End Shut-In(2)
141	1608.53	101.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.02

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16753

DST#: 2

ATTN: JIM MUSGROVE

Test Start: 2008.12.15 @ 07:50:00

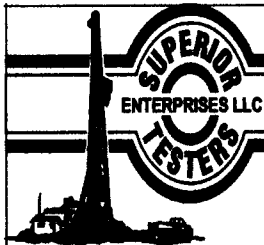
Tool Information

Drill Pipe:	Length: 3096.00 ft	Diameter: 3.81 inches	Volume: 43.66 bbl	Tool Weight:	20000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	64000.00 lb
		Total Volume:	44.25 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	3227.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	103.00 ft				
Tool Length:	124.00 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			3207.00	
Shut-In Tool	5.00			3212.00	
Hydrolic Tool	5.00			3217.00	
Recorder	5.00			3222.00	
Packer	5.00			3227.00	21.00 Bottom Of Top Packer
Change Over Sub	1.00			3228.00	
Drill Pipe	63.00			3291.00	
Change Over Sub	1.00			3292.00	
Perforations	31.00			3323.00	
Recorder	1.00	93335	Inside	3324.00	
Recorder	1.00	8524	Outside	3325.00	
Bullnose	5.00			3330.00	103.00 Anchor Tool

Total Tool Length: 124.00



DRILL STEM TEST REPORT

FLUID SUMMARY

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16753

DST#: 2

ATTN: JIM MUSGROVE

Test Start: 2008.12.15 @ 07:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD 100%	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

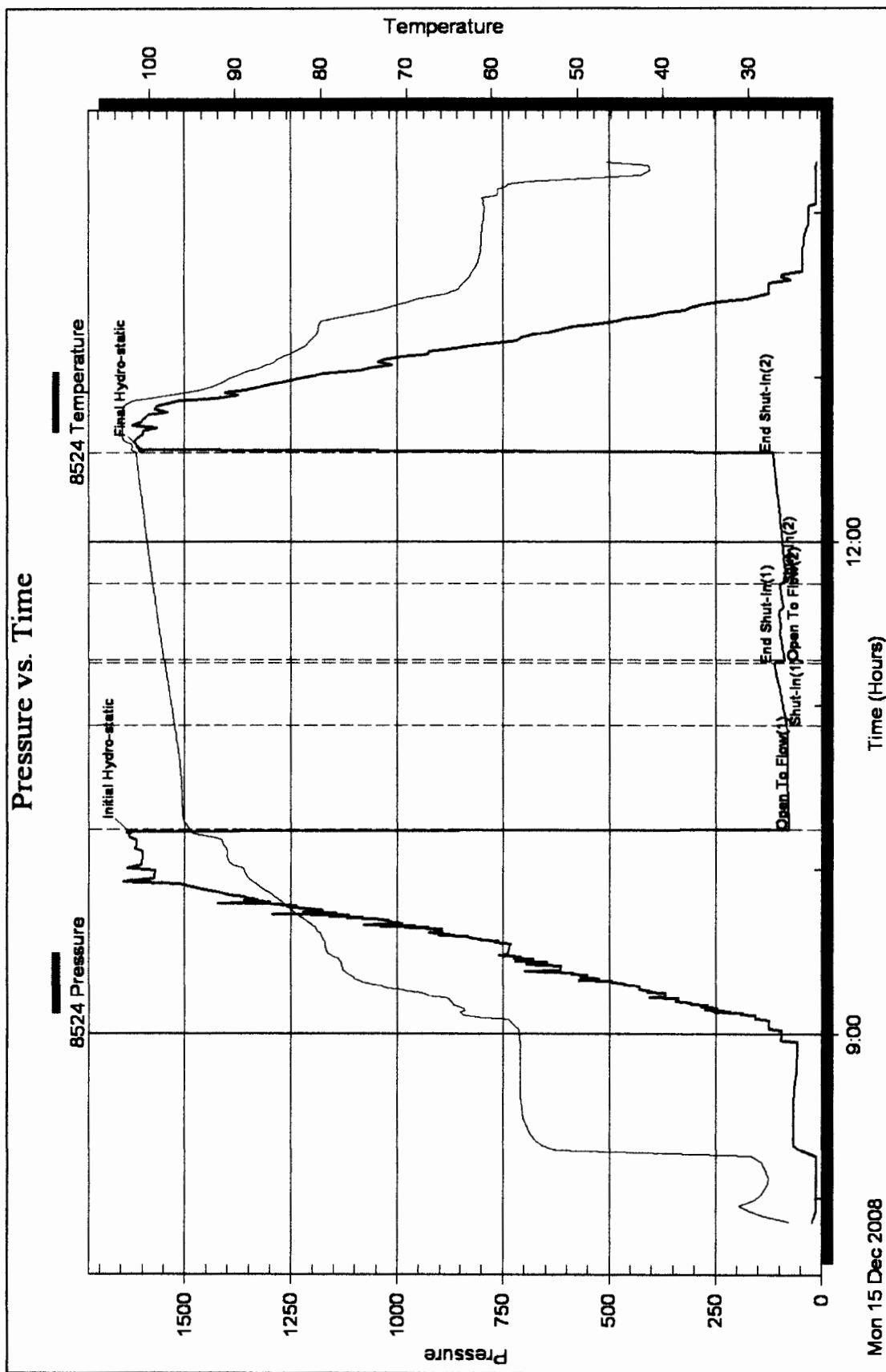
Recovery Comments:

DST Test Number: 2

1-18S-12W BARTON

Serial #: 8524 Outside LB EXPLORATION INC.

Pressure vs. Time



Printed: 2008.12.16 @ 09:07:26

Ref. No: 16753

Superior Testers Enterprises LLC

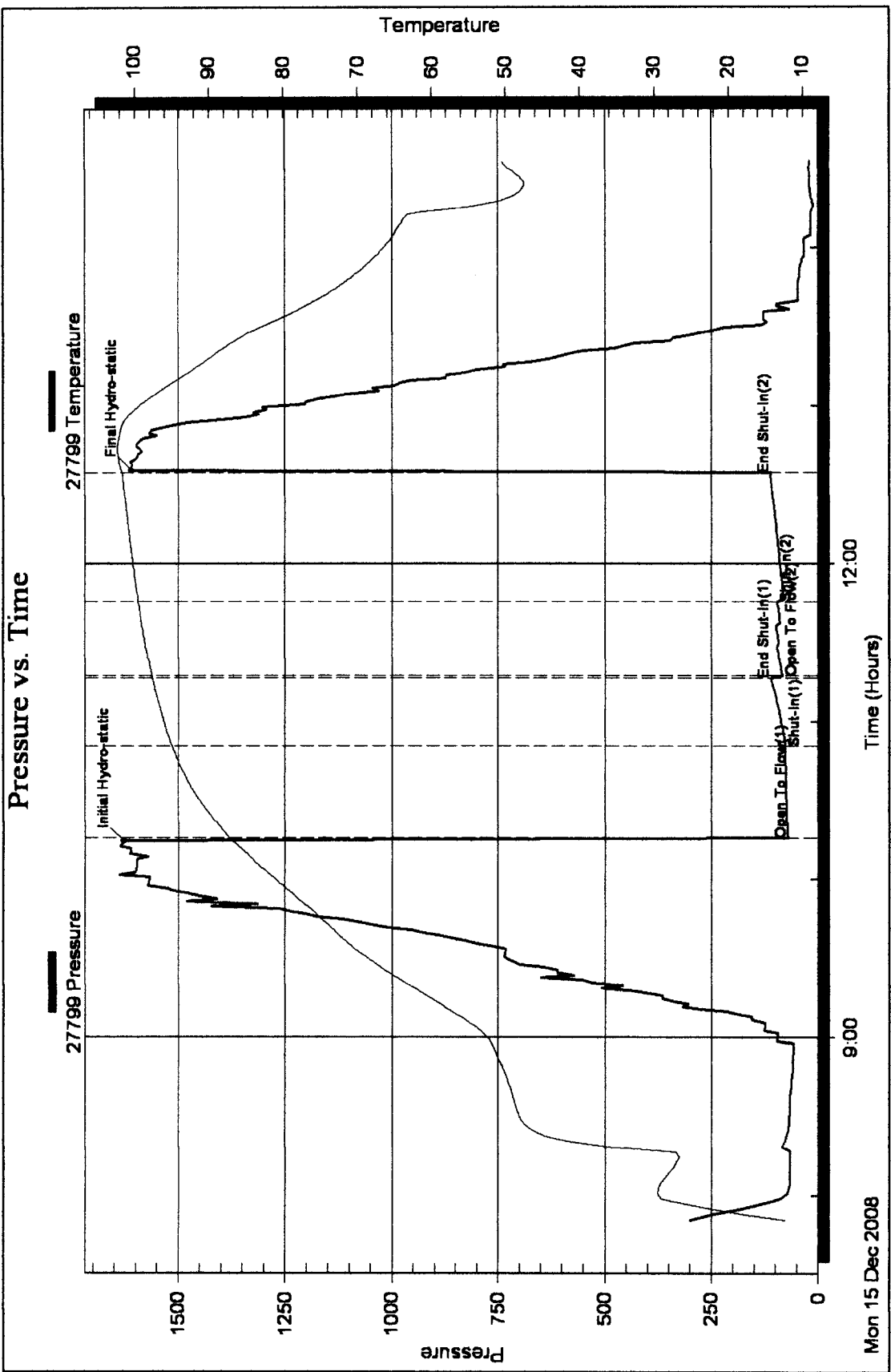
Serial #: 27799

Inside

LB EXPLORATION INC.

1-18S-12W BARTON

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **LB EXPLORATION INC.**

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

1-18S-12W BARTON

JANEL #1

Start Date: 2008.12.15 @ 23:44:00

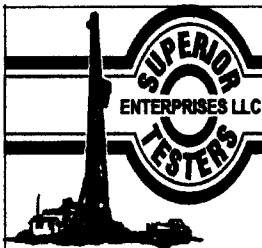
End Date: 2008.12.16 @ 05:33:00

Job Ticket #: 16754 DST #: 3

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

Printed: 2008.12.16 @ 09:06:58

LB EXPLORATION INC. JANEL #1 1-18S-12W BARTON DST # 3 ARBUCKLE 2008.12.15



DRILL STEM TEST REPORT

LB EXPLORATION INC.

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

JANEL #1

1-18S-12W BARTON

Job Ticket: 16754

DST#: 3

Test Start: 2008.12.15 @ 23:44:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:34:30

Time Test Ended: 05:33:00

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 32M GB

Interval: **3318.00 ft (KB) To 3377.00 ft (KB) (TVD)**

Total Depth: 3377.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1843.00 ft (KB)

1838.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8405**

Inside

Press@RunDepth: 57.44 psia @ 3372.00 ft (KB)

Start Date: 2008.12.15

End Date:

2008.12.16

Start Time: 23:46:00

End Time:

05:33:00

Capacity: 2000.00 psia

Last Calib.: 2008.12.16

Time On Btm: 2008.12.16 @ 01:33:30

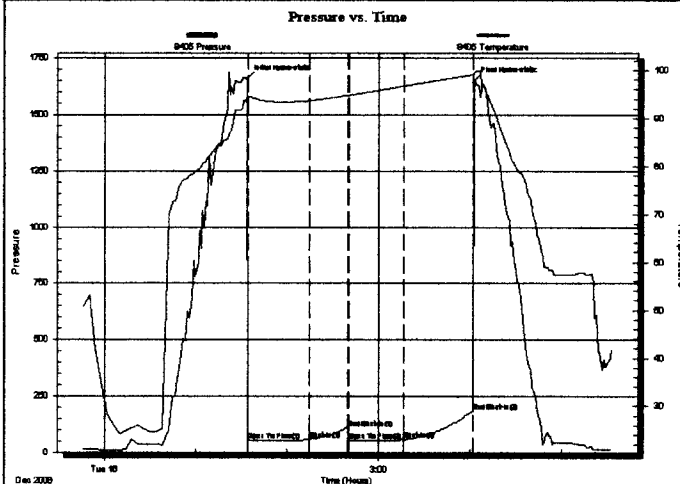
Time Off Btm: 2008.12.16 @ 04:02:30

TEST COMMENT: 30-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 1/2 INCH

30-INITIAL SHUT-IN:NO BLOW BACK

30-FINAL OPEN:WEAK SURFACE BLOW

30-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

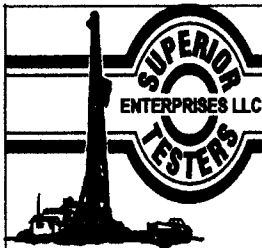
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1658.46	93.73	Initial Hydro-static
2	53.08	94.58	Open To Flow (1)
41	58.51	93.66	Shut-In(1)
66	109.81	94.74	End Shut-In(1)
68	54.31	94.77	Open To Flow (2)
104	57.44	96.67	Shut-In(2)
148	184.43	99.00	End Shut-In(2)
149	1648.46	99.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.02

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

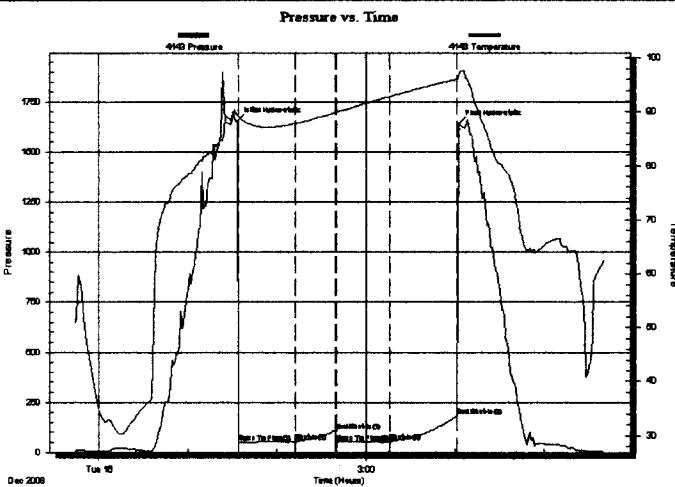
JANEL #1
1-18S-12W BARTON
Job Ticket: 16754 DST#: 3
Test Start: 2008.12.15 @ 23:44:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:34:30
Time Test Ended: 05:33:00
Interval: **3318.00 ft (KB) To 3377.00 ft (KB) (TVD)**
Total Depth: 3377.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: FRANK ZAMARRIPA
Unit No: 3335 32MGB
Reference Elevations: 1843.00 ft (KB)
1838.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **4143** Outside
Press@RunDepth: 182.81 psia @ 3373.00 ft (KB)
Start Date: 2008.12.15 End Date: 2008.12.16
Start Time: 23:44:01 End Time: 05:40:16
Capacity: 2000.00 psia
Last Calib.: 2008.12.16
Time On Btm: 2008.12.16 @ 01:33:15
Time Off Btm: 2008.12.16 @ 04:02:15

TEST COMMENT: 30-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 1/2 INCH
30-INITIAL SHUT-IN:NO BLOW BACK
30-FINAL OPEN:WEAK SURFACE BLOW
30-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

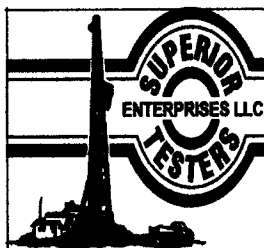
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1654.80	89.43	Initial Hydro-static
2	51.49	89.19	Open To Flow (1)
39	55.73	87.81	Shut-In(1)
66	108.39	89.85	End Shut-In(1)
68	52.88	89.93	Open To Flow (2)
104	56.37	92.85	Shut-In(2)
149	182.81	96.03	End Shut-In(2)
149	1640.57	96.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.02

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16754

DST#: 3

ATTN: JIM MUSGROVE

Test Start: 2008.12.15 @ 23:44:00

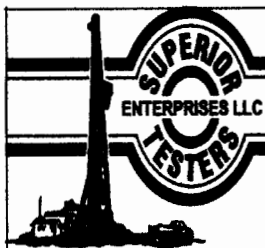
Tool Information

Drill Pipe:	Length: 3195.00 ft	Diameter: 3.80 inches	Volume: 44.82 bbl	Tool Weight:	20000.00 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	44000.00 lb
		Total Volume:	45.41 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	3318.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	81.00 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			3298.00	
Shut-In Tool	5.00			3303.00	
Hydrolic Tool	5.00			3308.00	
Recorder	5.00			3313.00	
Packer	5.00			3318.00	21.00 Bottom Of Top Packer
Change Over Sub	1.00			3319.00	
Drill Pipe	32.00			3351.00	
Change Over Sub	1.00			3352.00	
Perforations	19.00			3371.00	
Recorder	1.00	8405	Inside	3372.00	
Recorder	1.00	4143	Outside	3373.00	
Bullnose	5.00			3378.00	60.00 Anchor Tool

Total Tool Length: 81.00



DRILL STEM TEST REPORT

FLUID SUMMARY

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16754

DST#: 3

ATTN: JIM MUSGROVE

Test Start: 2008.12.15 @ 23:44:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD 100%	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

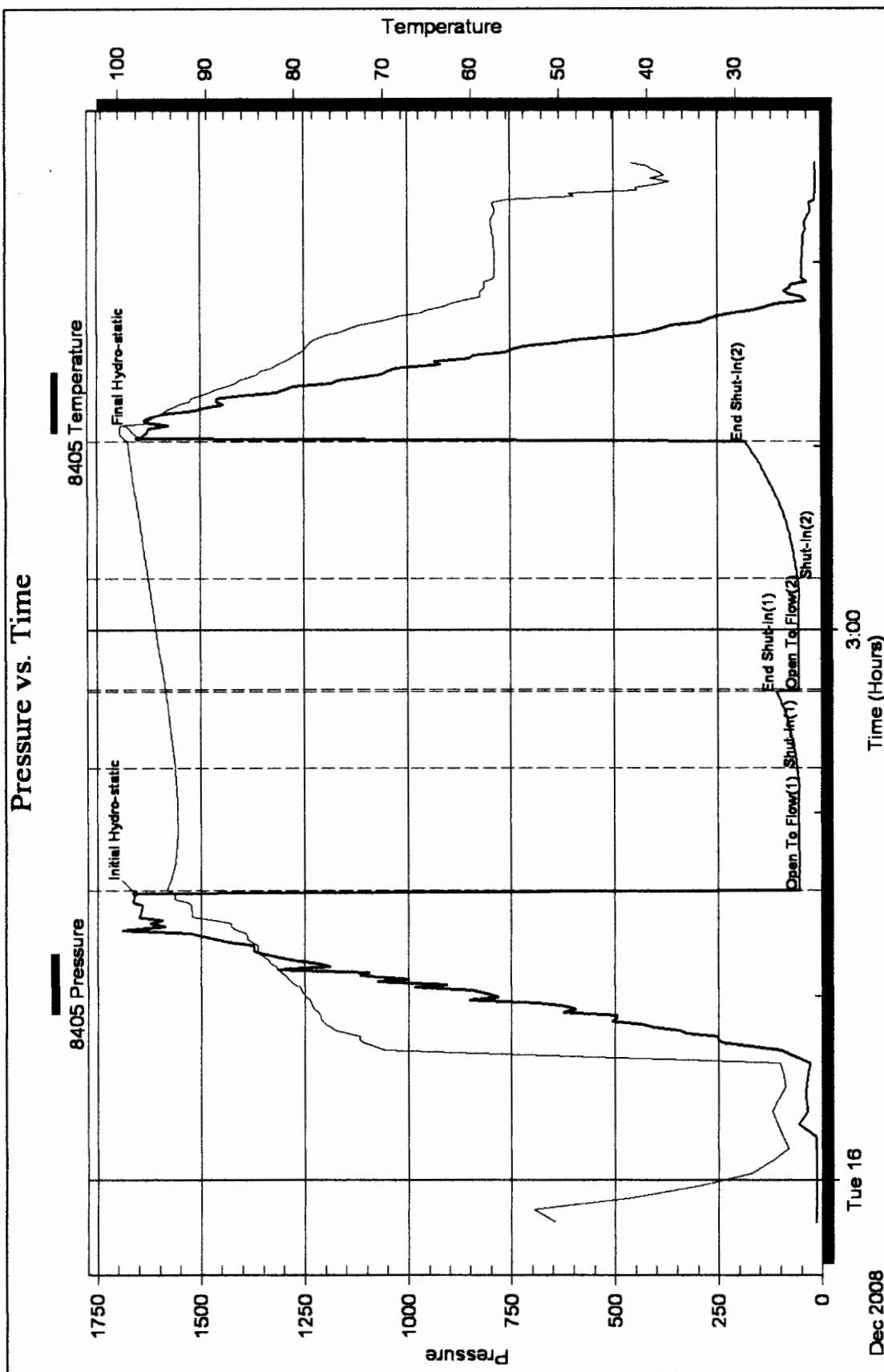
1-18S-12W BARTON

LB EXPLORATION INC.

Inside

Serial #: 8405

Pressure vs. Time



Printed: 2008.12.16 @ 09:06:59

Ref. No: 16754

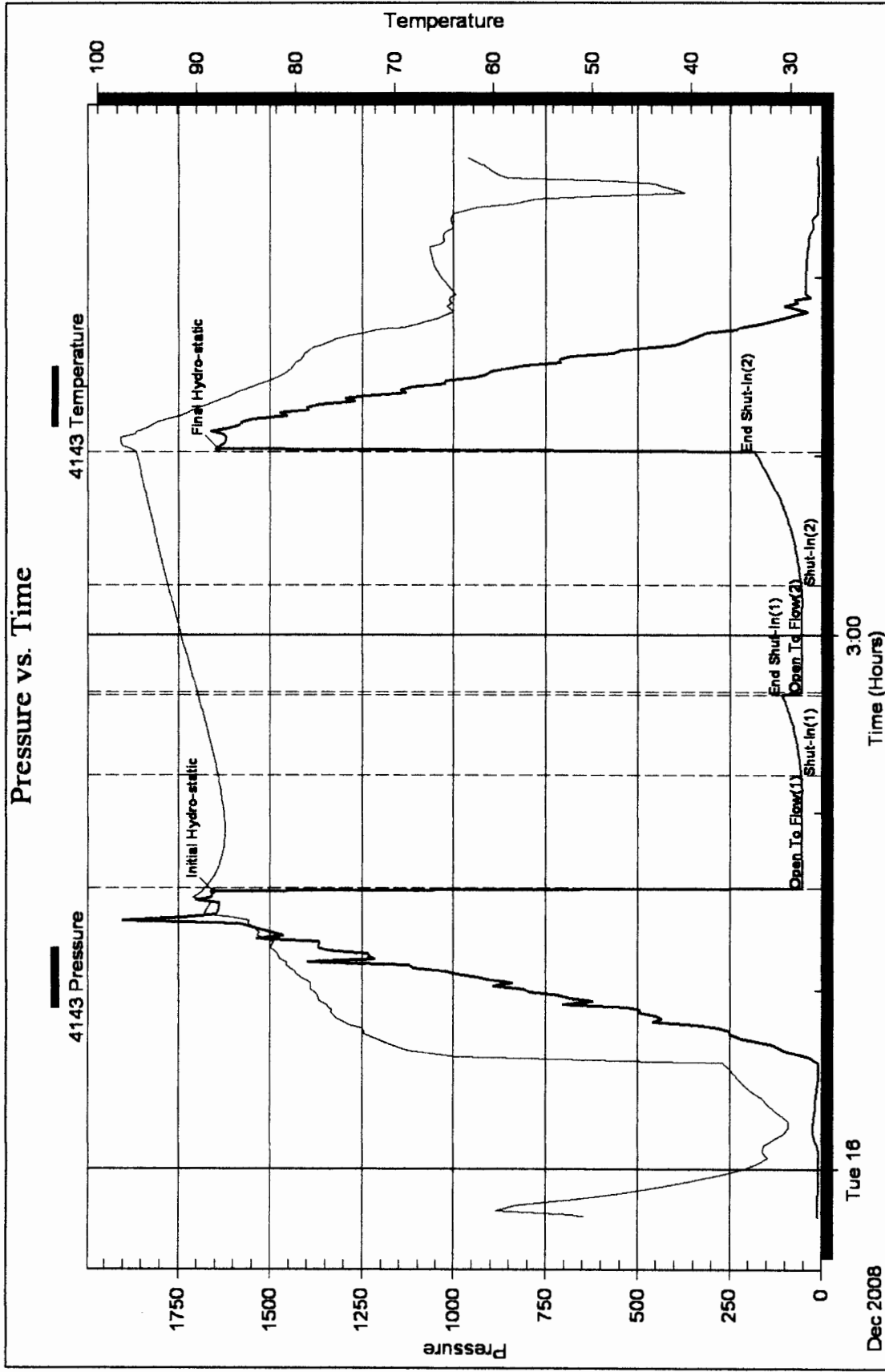
Superior Testers Enterprises LLC

Serial #: 4143

Outside LB EXPLORATION INC.

1-18S-12W BARTON

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **LB EXPLORATION INC.**

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

1-18S-12W BARTON

JANEL #1

Start Date: 2008.12.16 @ 11:40:00

End Date: 2008.12.16 @ 18:15:00

Job Ticket #: 16755 DST #: 4

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

Printed: 2008.12.17 @ 08:56:22

LB EXPLORATION INC. JANEL #1 1-18S-12W BARTON DST # 4 ARBUCKLE 2008.12.16



DRILL STEM TEST REPORT

LB EXPLORATION INC.

2135 2ND RD
HOLYROOD KS 67450-9021

ATTN: JIM MUSGROVE

JANEL #1

1-18S-12W BARTON

Job Ticket: 16755

DST#: 4

Test Start: 2008.12.16 @ 11:40:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:30

Time Test Ended: 18:15:00

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 32M GB

Interval: **3374.00 ft (KB) To 3385.00 ft (KB) (TVD)**

Total Depth: 3385.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1843.00 ft (KB)

1838.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8405

Inside

Press@RunDepth: 120.85 psia @ 3379.00 ft (KB)

Start Date: 2008.12.16

End Date:

2008.12.16

Start Time: 11:42:00

End Time:

18:15:00

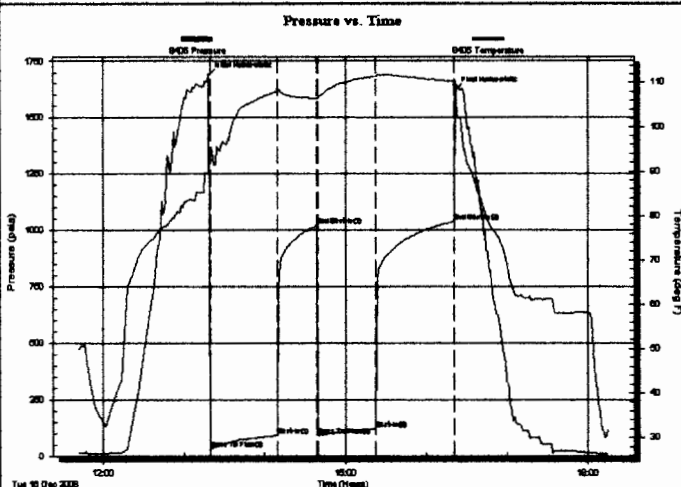
Capacity: 2000.00 psia

Last Calib.: 2008.12.16

Time On Btm: 2008.12.16 @ 13:18:30

Time Off Btm: 2008.12.16 @ 16:21:30

TEST COMMENT: 45-INITIAL OPEN-WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 33 MINUTES
30-INITIAL SHUT-IN: NO BLOW BACK
45-FINAL OPEN-WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 45 MINUTES
60-FINAL SHUT-IN: NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1687.00	89.44	Initial Hydro-static
1	34.12	94.58	Open To Flow (1)
51	90.78	107.97	Shut-In(1)
80	1020.22	106.49	End Shut-In(1)
81	92.61	106.47	Open To Flow (2)
124	120.85	111.43	Shut-In(2)
182	1038.96	110.25	End Shut-In(2)
184	1616.69	110.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OIL CUT MUD 20% OIL 80% MUD	839.31
180.00	GASSY OIL 2% GAS 98% OIL	841.00
1200.00	GAS IN PIPE 100%	16.92

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

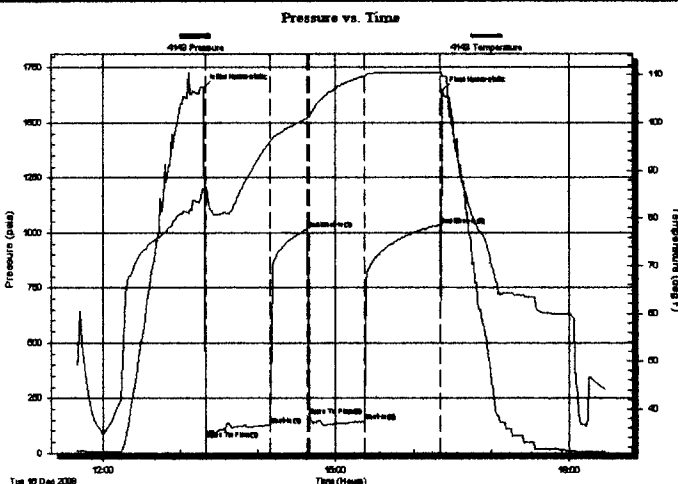
JANEL #1
1-18S-12W BARTON
Job Ticket: 16755 DST#: 4
Test Start: 2008.12.16 @ 11:40:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:19:30
Time Test Ended: 18:15:00
Interval: **3374.00 ft (KB) To 3385.00 ft (KB) (TVD)**
Total Depth: 3385.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: FRANK ZAMARRIPA
Unit No: 3335 32M GB
Reference Elevations: 1843.00 ft (KB)
1838.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: **4143** Outside
Press@RunDepth: 1035.41 psia @ 3380.00 ft (KB)
Start Date: 2008.12.16 End Date: 2008.12.16
Start Time: 11:40:01 End Time: 18:28:16
Capacity: 2000.00 psia
Last Calib.: 2008.12.16
Time On Btm: 2008.12.16 @ 13:18:16
Time Off Btm: 2008.12.16 @ 16:22:15

TEST COMMENT: 45-INITIAL OPEN WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 33 MINUTES
30-INITIAL SHUT-IN NO BLOW BACK
45-FINAL OPEN WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 45 MINUTES
60-FINAL SHUT-IN NO BLOW BACK



PRESSURE SUMMARY

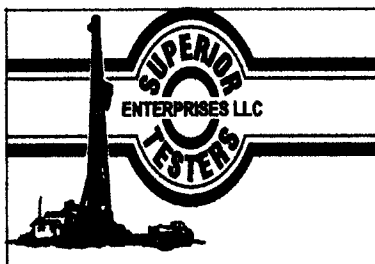
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1656.99	86.16	Initial Hydro-static
1	65.21	86.55	Open To Flow (1)
51	126.83	95.96	Shut-In (1)
80	1016.54	100.96	End Shut-In (1)
81	169.09	101.12	Open To Flow (2)
124	144.12	109.74	Shut-In (2)
182	1035.41	110.44	End Shut-In (2)
184	1642.71	109.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OIL CUT MUD 20% OIL 80% MUD	839.31
180.00	GASSY OIL 2% GAS 98% OIL	841.00
1200.00	GAS IN PIPE 100%	16.92

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

LB EXPLORATION INC.
2135 2ND RD
HOLYROOD KS 67450-9021
ATTN: JIM MUSGROVE

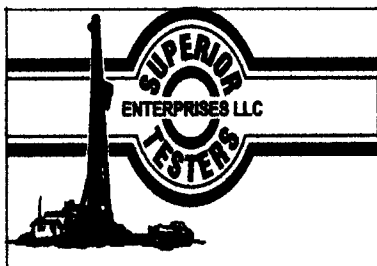
JANEL #1
1-18S-12W BARTON
Job Ticket: 16755 DST#: 4
Test Start: 2008.12.16 @ 11:40:00

Tool Information

Drill Pipe:	Length: 3258.00 ft	Diameter: 3.81 inches	Volume: 45.94 bbl	Tool Weight:	20000.00 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: 120.00 ft	Diameter: 120.00 inches	Volume: 1678.62 bbl	Weight to Pull Loose:	56000.00 lb
			Total Volume: 1724.56 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	3374.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	11.00 ft				
Tool Length:	32.00 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			3354.00	
Shut-In Tool	5.00			3359.00	
Hydraulic Tool	5.00			3364.00	
Packer	5.00			3369.00	21.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Perforations	4.00			3378.00	
Recorder	1.00	8405	Inside	3379.00	
Recorder	1.00	4143	Outside	3380.00	
Bullnose	5.00			3385.00	11.00 Bottom Packers & Anchor
Total Tool Length:		32.00			



DRILL STEM TEST REPORT

FLUID SUMMARY

LB EXPLORATION INC.

JANEL #1

2135 2ND RD
HOLYROOD KS 67450-9021

1-18S-12W BARTON

Job Ticket: 16755

DST#: 4

ATTN: JIM MUSGROVE

Test Start: 2008.12.16 @ 11:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OIL CUT MUD 20% OIL 80% MUD	839.311
180.00	GASSY OIL 2% GAS 98% OIL	841.003
1200.00	GAS IN PIPE 100%	16.922

Total Length: 1440.00 ft

Total Volume: 1697.236 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

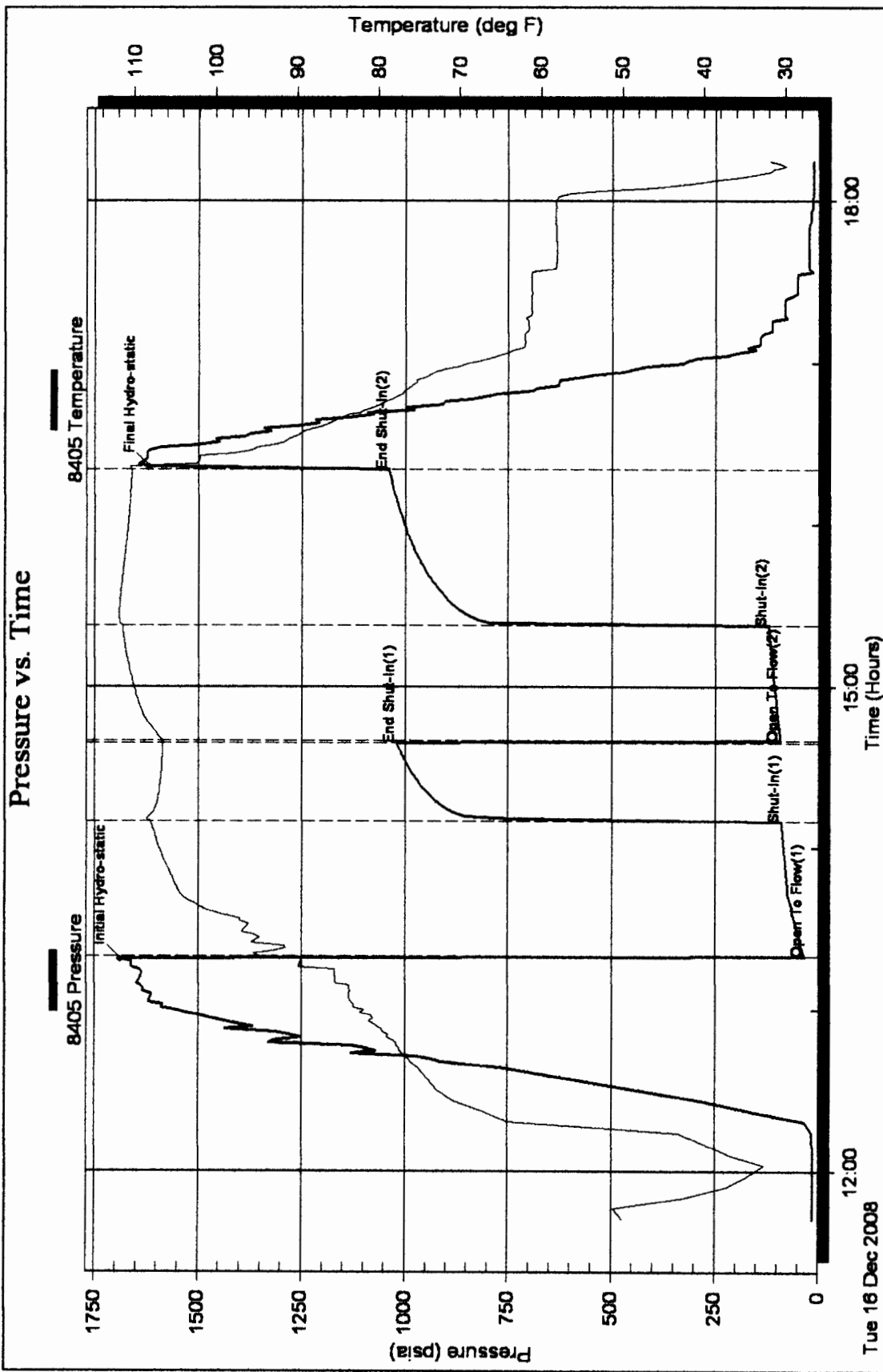
1-18S-12W BARTON

LB EXPLORATION INC.

Inside

Serial #: 8405

Pressure vs. Time



Printed: 2008.12.17 @ 08:56:25

Ref. No: 16755

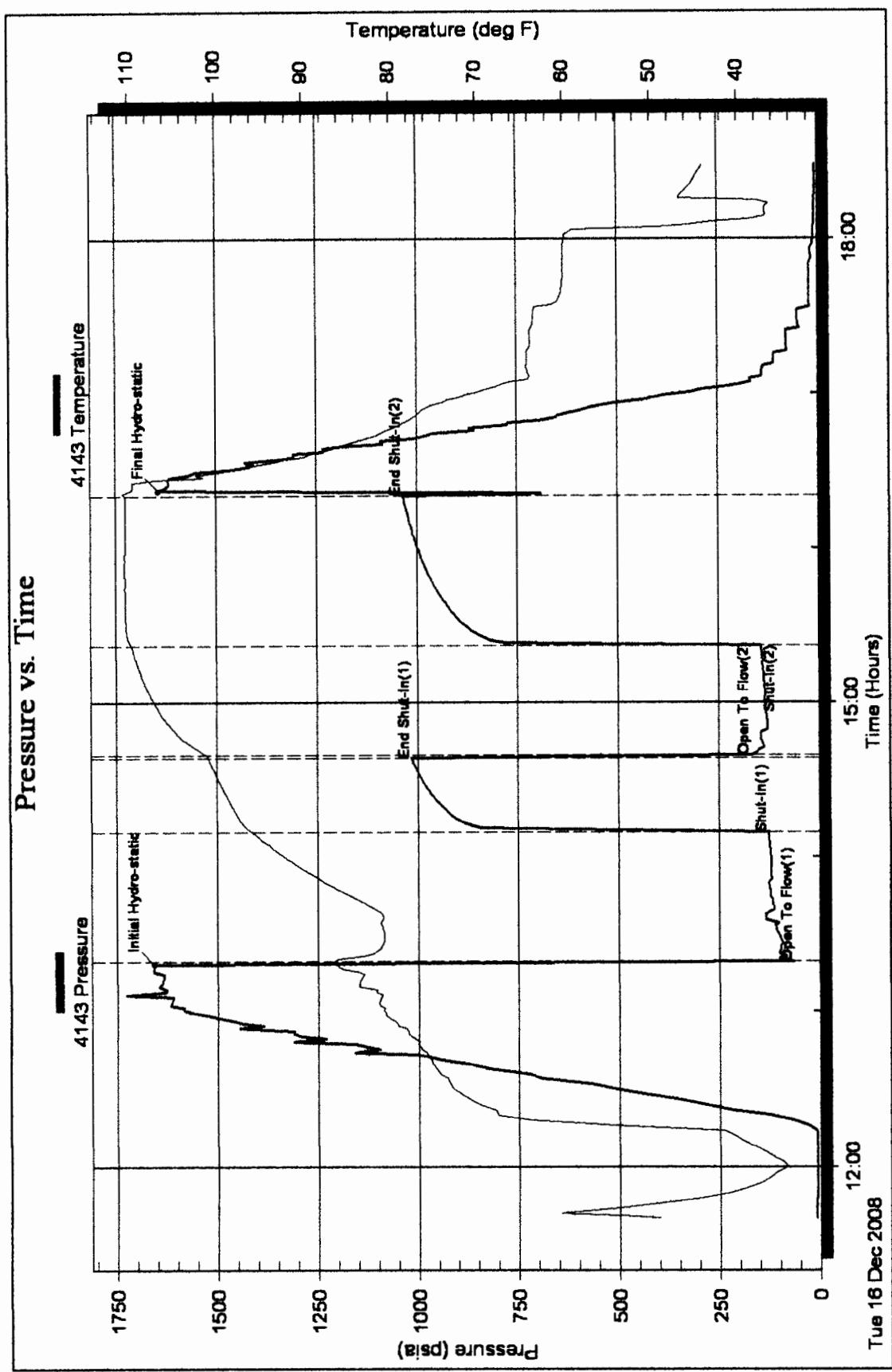
Superior Testers Enterprises LLC

DST Test Number: 4

1-18S-12W BARTON

Outside LB EXPLORATION INC.

Serial #: 4143



Printed: 2008.12.17 @ 08:56:25

Ref. No: 16755

Superior Testers Enterprises LLC