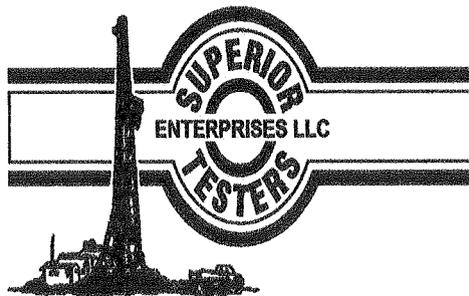


15-009-25513

14-20s-12w



## DRILL STEM TEST REPORT

Prepared For: **GLOBE OPERATING INC**  
PO BOX 12 GREAT BEND KS 67530

ATTN: KEVIN REAVIS

**14-20-12 BARTON**

**BUCKBEE A-1**

Start Date: 2011.03.06 @ 15:45:00

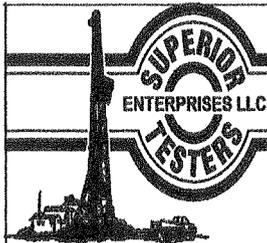
End Date: 2011.03.06 @ 21:21:30

Job Ticket #: 15628                      DST #: 1

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

Printed: 2011.03.08 @ 09:31:00

GLOBE OPERATING INC  
BUCKBEE A-1  
14-20-12 BARTON  
DST # 1  
LANSING A-F  
2011.03.06



# DRILL STEM TEST REPORT

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

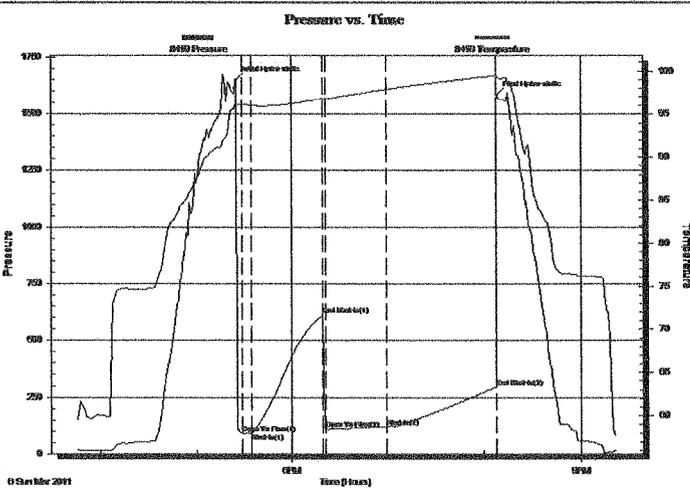
**BUCKBEE A-1**  
**14-20-12 BARTON**  
 Job Ticket: 15628 **DST#: 1**  
 Test Start: 2011.03.06 @ 15:45:00

## GENERAL INFORMATION:

Formation: **LANSING A-F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:28:30  
 Time Test Ended: 21:21:30  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-  
 Interval: **3098.00 ft (KB) To 3205.00 ft (KB) (TVD)**  
 Reference Elevations: 1799.00 ft (KB)  
 Total Depth: 3205.00 ft (KB) (TVD) 1792.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

**Serial #: 8419** Inside  
 Press@RunDepth: 120.83 psia @ 3201.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.03.06 End Date: 2011.03.06 Last Calib.: 2011.03.06  
 Start Time: 15:46:00 End Time: 21:21:30 Time On Btm: 2011.03.06 @ 17:25:00  
 Time Off Btm: 2011.03.06 @ 20:08:00

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 5 MINUTES  
 45/INITIAL SHUT IN:NO BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTE  
 60/FINAL SHUT IN:VERY WEAK SURFACE BLOW



## PRESSURE SUMMARY

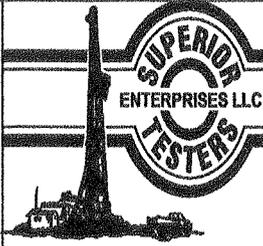
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1649.73	96.26	Initial Hydro-static
4	90.92	96.12	Open To Flow (1)
10	91.67	96.02	Shut-In(1)
55	612.26	96.78	End Shut-In(1)
56	111.31	96.73	Open To Flow (2)
95	120.83	97.84	Shut-In(2)
162	295.00	99.43	End Shut-In(2)
163	1583.20	99.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	GASSY OIL CUT MUD	0.28
0.00	35%GAS 5%OIL 60%MUD	0.00
120.00	GASSY OIL CUT MUD	1.68
0.00	30%GAS 10%OIL 60%MUD	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

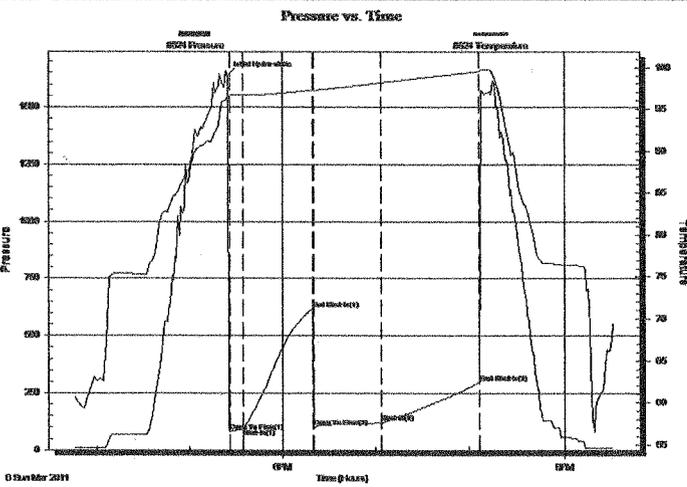
**BUCKBEE A-1**  
**14-20-12 BARTON**  
 Job Ticket: 15628      **DST#: 1**  
 Test Start: 2011.03.06 @ 15:45:00

## GENERAL INFORMATION:

Formation: **LANSING A-F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 17:28:30  
 Time Test Ended: 21:21:30  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-  
 Interval: **3098.00 ft (KB) To 3205.00 ft (KB) (TVD)**  
 Total Depth: 3205.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Reference Elevations: 1799.00 ft (KB)  
 1792.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8524**      **Outside**  
 Press@RunDepth: 296.65 psia @ 3202.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2011.03.06      End Date: 2011.03.06      Last Callb.: 2011.03.06  
 Start Time: 15:46:00      End Time: 21:31:30      Time On Btm: 2011.03.06 @ 17:24:30  
 Time Off Btm:

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 5 MINUTES  
 45/INITIAL SHUT IN:NO BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTE  
 60/FINAL SHUT IN:VERY WEAK SURFACE BLOW



## PRESSURE SUMMARY

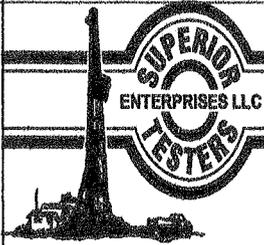
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1639.35	96.56	Initial Hydro-static
2	83.00	96.66	Open To Flow (1)
10	93.74	96.69	Shut-In(1)
55	615.04	97.30	End Shut-In(1)
56	101.69	97.29	Open To Flow (2)
99	120.66	98.15	Shut-In(2)
162	296.65	99.48	End Shut-In(2)

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	GASSY OIL CUT MUD	0.28
0.00	35%GAS 5%OIL 60%MUD	0.00
120.00	GASSY OIL CUT MUD	1.68
0.00	30%GAS 10%OIL 60%MUD	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

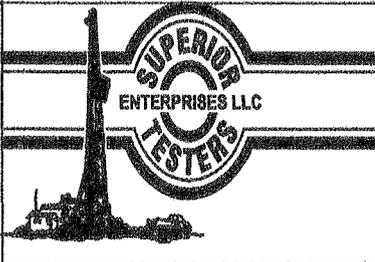
BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15628      DST#: 1  
 Test Start: 2011.03.06 @ 15:45:00

## Tool Information

Drill Pipe:	Length: 3106.00 ft	Diameter: 3.80 inches	Volume: 43.57 bbl	Tool Weight: 1000.00 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: 55000.00 lb
			<u>Total Volume: 43.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3098.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.00 ft			
Tool Length:	128.00 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			3078.00	
Shut-in Tool	5.00			3083.00	
Hydraulic Tool	5.00			3088.00	
Recorder	5.00			3093.00	
Packer	5.00			3098.00	21.00      Bottom Of Top Packer
Change Over Sub	0.75			3098.75	
Drill Pipe	63.50			3162.25	
Change Over Sub	0.75			3163.00	
Perforations	37.00			3200.00	
Recorder	1.00	8419	Inside	3201.00	
Recorder	1.00	8524	Outside	3202.00	
Bullnose	3.00			3205.00	107.00      Anchor Tool
<b>Total Tool Length:</b>	<b>128.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15628      DST#: 1  
 Test Start: 2011.03.06 @ 15:45:00

## 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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	GASSY OIL CUT MUD	0.281
0.00	35%GAS 5%OIL 60%MUD	0.000
120.00	GASSY OIL CUT MUD	1.683
0.00	30%GAS 10%OIL 60%MUD	0.000

Total Length: 140.00 ft      Total Volume: 1.964 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

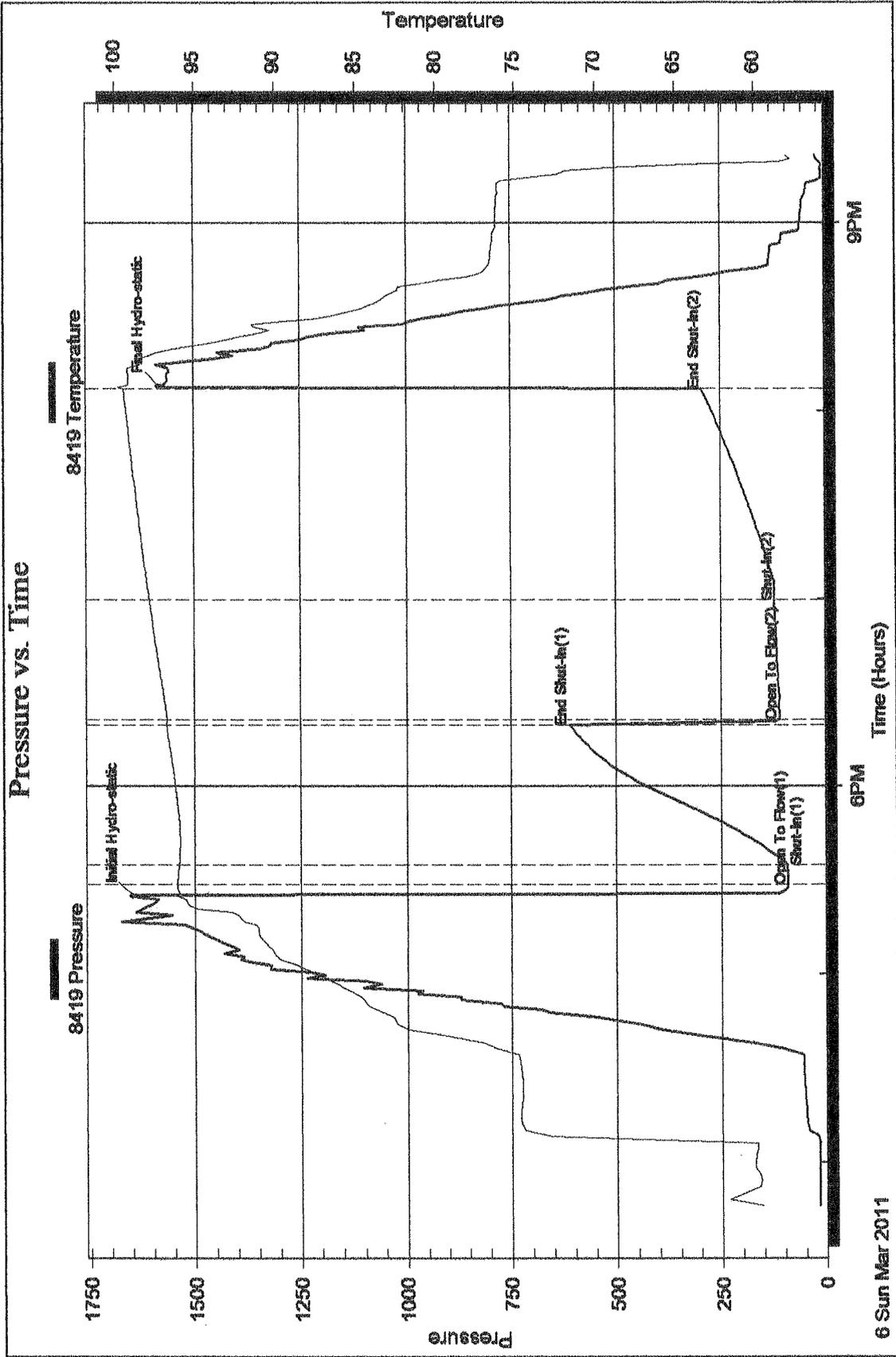
Serial #: 8419

Inside

GLOBE OPERATING INC

14-20-12 BARTON

DST Test Number: 1



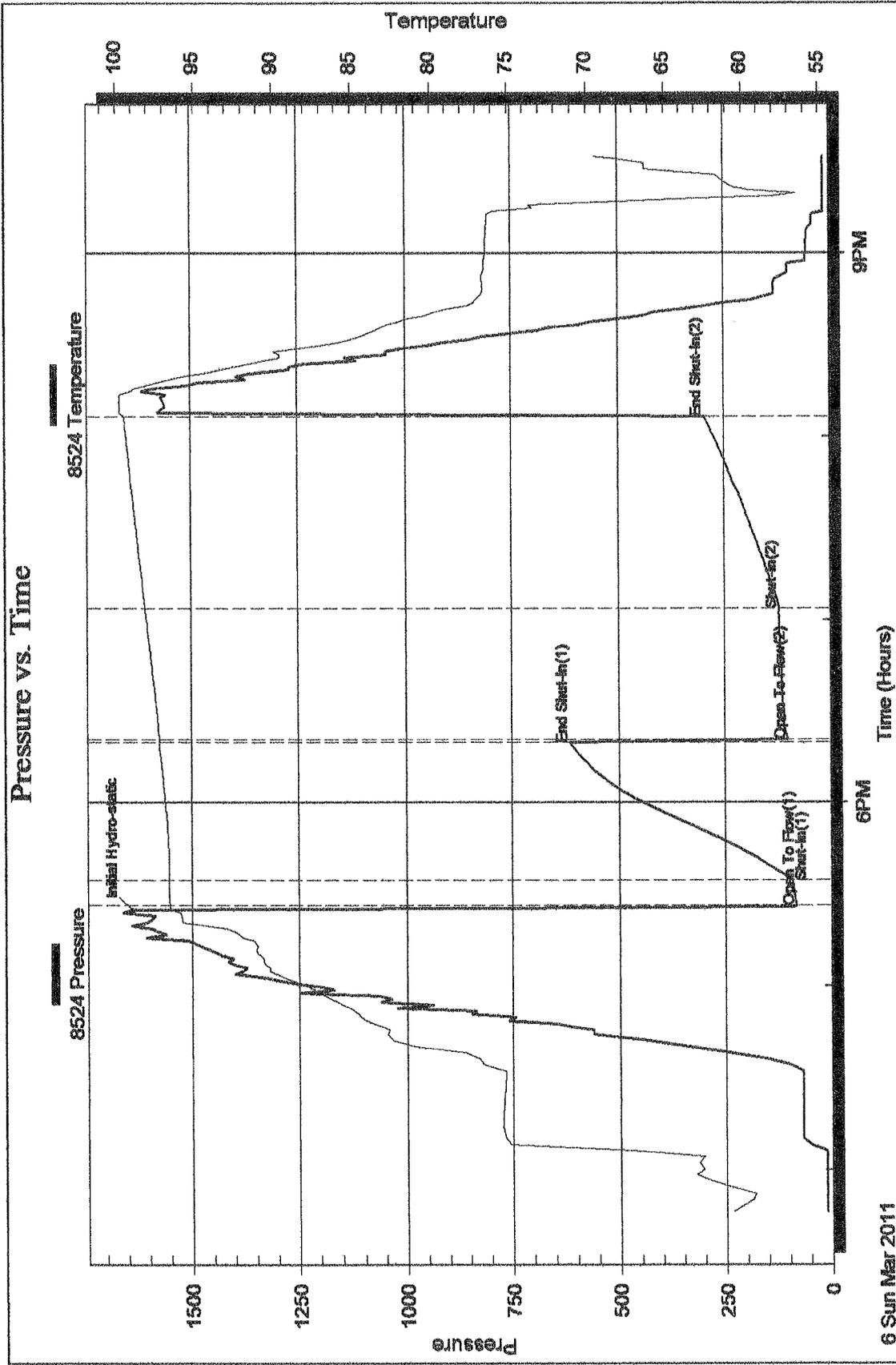
Serial #: 8524

Outside GLOBE OPERATING INC

14-20-12 BARTON

DST Test Number: 1

### Pressure vs. Time

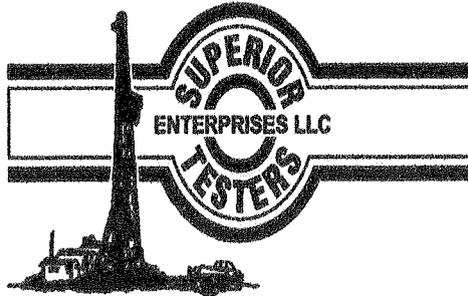


6 Sun Mar 2011

Superior Testers Enterprises LLC

Ref. No: 15628

Printed: 2011.03.08 @ 09:26:03



## DRILL STEM TEST REPORT

Prepared For: **GLOBE OPERATING INC**  
PO BOX 12 GREAT BEND KS 67530

ATTN: KEVIN REAVIS

**14-20-12 BARTON**

**BUCKBEE A-1**

Start Date: 2011.03.07 @ 11:40:00

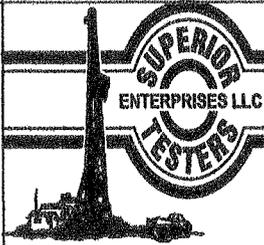
End Date: 2011.03.07 @ 16:49:30

Job Ticket #: 15629                      DST #: 2

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

Printed: 2011.03.08 @ 09:25:46

GLOBE OPERATING INC    BUCKBEE A-1    14-20-12 BARTON    DST # 2    LANSING KC H-L    2011.03.07



# DRILL STEM TEST REPORT

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

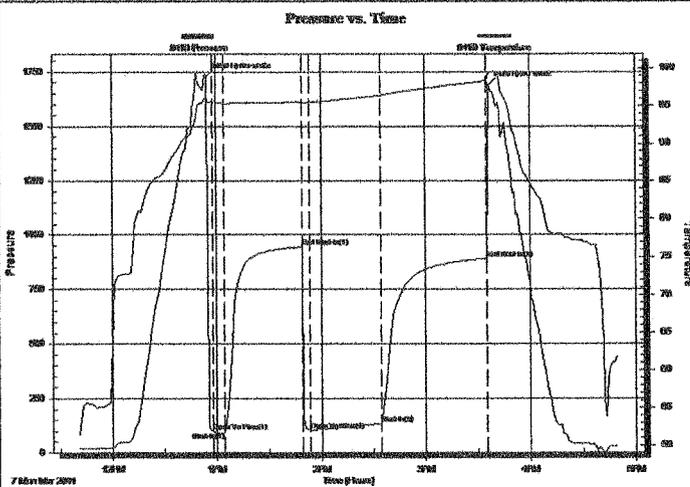
BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15629      DST#: 2  
 Test Start: 2011.03.07 @ 11:40:00

## GENERAL INFORMATION:

Formation: **LANSING KC H-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:58:00  
 Time Test Ended: 16:49:30  
 Interval: **3237.00 ft (KB) To 3345.00 ft (KB) (TVD)**  
 Total Depth: **3345.00 ft (KB) (TVD)**  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-  
 Reference Elevations: 1799.00 ft (KB)  
 1792.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8419**      Inside  
 Press@RunDepth: 134.79 psia @ 3341.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2011.03.07      End Date: 2011.03.07      Last Calib.: 2011.03.07  
 Start Time: 11:41:00      End Time: 16:49:30      Time On Btm: 2011.03.07 @ 12:54:30  
 Time Off Btm: 2011.03.07 @ 15:35:30

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MINUTES  
 45/INITIAL SHUT IN:NO BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTE  
 60/FINAL SHUT IN:NO BLOW BACK



## PRESSURE SUMMARY

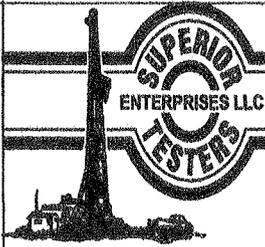
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1728.04	96.00	Initial Hydro-static
4	96.54	95.47	Open To Flow (1)
10	94.26	95.34	Shut-In(1)
55	945.39	95.62	End Shut-In(1)
59	104.35	95.51	Open To Flow (2)
100	134.79	96.47	Shut-In(2)
160	891.23	98.31	End Shut-In(2)
161	1689.35	99.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GASSY OIL CUT MUD	1.68
0.00	10%GAS 10%MUD 80%OIL	0.00
45.00	GASSY MUD CUT OIL	0.63
0.00	10%MUD 30%GAS 60%OIL	0.00
0.00	3027 GAS IN PIPE	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

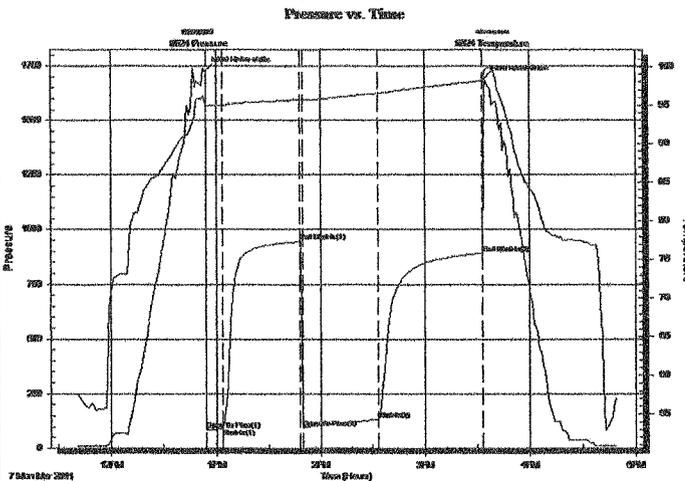
BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15629 DST#: 2  
 Test Start: 2011.03.07 @ 11:40:00

## GENERAL INFORMATION:

Formation: **LANSING KC H-L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:58:00  
 Time Test Ended: 16:49:30  
 Interval: **3237.00 ft (KB) To 3345.00 ft (KB) (TVD)**  
 Total Depth: 3345.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches-Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-  
 Reference Elevations: 1799.00 ft (KB)  
 1792.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8524 Outside**  
 Press@RunDepth: 890.72 psia @ 3342.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.03.07 End Date: 2011.03.07 Last Calib.: 2011.03.07  
 Start Time: 11:41:00 End Time: 16:49:00 Time On Btm: 2011.03.07 @ 12:54:00  
 Time Off Btm: 2011.03.07 @ 15:34:30

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 2 MINUTES  
 45/INITIAL SHUT IN:NO BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 1 MINUTE  
 60/FINAL SHUT IN:NO BLOW BACK



## PRESSURE SUMMARY

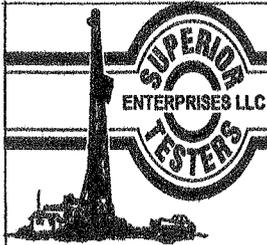
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1727.26	95.30	Initial Hydro-static
1	85.80	95.00	Open To Flow (1)
10	89.83	95.03	Shut-in(1)
54	945.93	95.74	End Shut-in(1)
56	93.84	95.68	Open To Flow (2)
99	133.50	96.56	Shut-in(2)
160	890.72	98.18	End Shut-in(2)
161	1692.62	99.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	GASSY OIL CUT MUD	1.68
0.00	10%GAS 10%MUD 80%OIL	0.00
45.00	GASSY MUD CUT OIL	0.63
0.00	10%MUD 30%GAS 60%OIL	0.00
0.00	3027 GAS IN PIPE	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

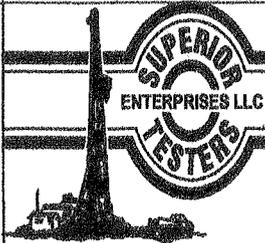
BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15629      DST#: 2  
 Test Start: 2011.03.07 @ 11:40:00

### Tool Information

Drill Pipe:	Length: 3232.00 ft	Diameter: 3.80 inches	Volume: 45.34 bbl	Tool Weight: 1000.00 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: 53000.00 lb
			<u>Total Volume: 45.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3237.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	129.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: GAS TO SURFACE END 2ND OPEN

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3217.00	
Shut-in Tool	5.00			3222.00	
Hydraulic Tool	5.00			3227.00	
Recorder	5.00			3232.00	
Packer	5.00			3237.00	21.00      Bottom Of Top Packer
Change Over Sub	0.75			3237.75	
Drill Pipe	63.50			3301.25	
Change Over Sub	0.75			3302.00	
Perforations	38.00			3340.00	
Recorder	1.00	8419	Inside	3341.00	
Recorder	1.00	8524	Outside	3342.00	
Bullnose	3.00			3345.00	108.00      Anchor Tool
<b>Total Tool Length:</b>	<b>129.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15629      DST#: 2  
 Test Start: 2011.03.07 @ 11:40:00

## 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:	58.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	9.19 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	6500.00 ppm				
Filter Cake:	1.00 inches				

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GASSY OIL CUT MUD	1.683
0.00	10%GAS 10%MUD 80%OIL	0.000
45.00	GASSY MUD CUT OIL	0.631
0.00	10%MUD 30%GAS 60%OIL	0.000
0.00	3027 GAS IN PIPE	0.000

Total Length: 165.00 ft      Total Volume: 2.314 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

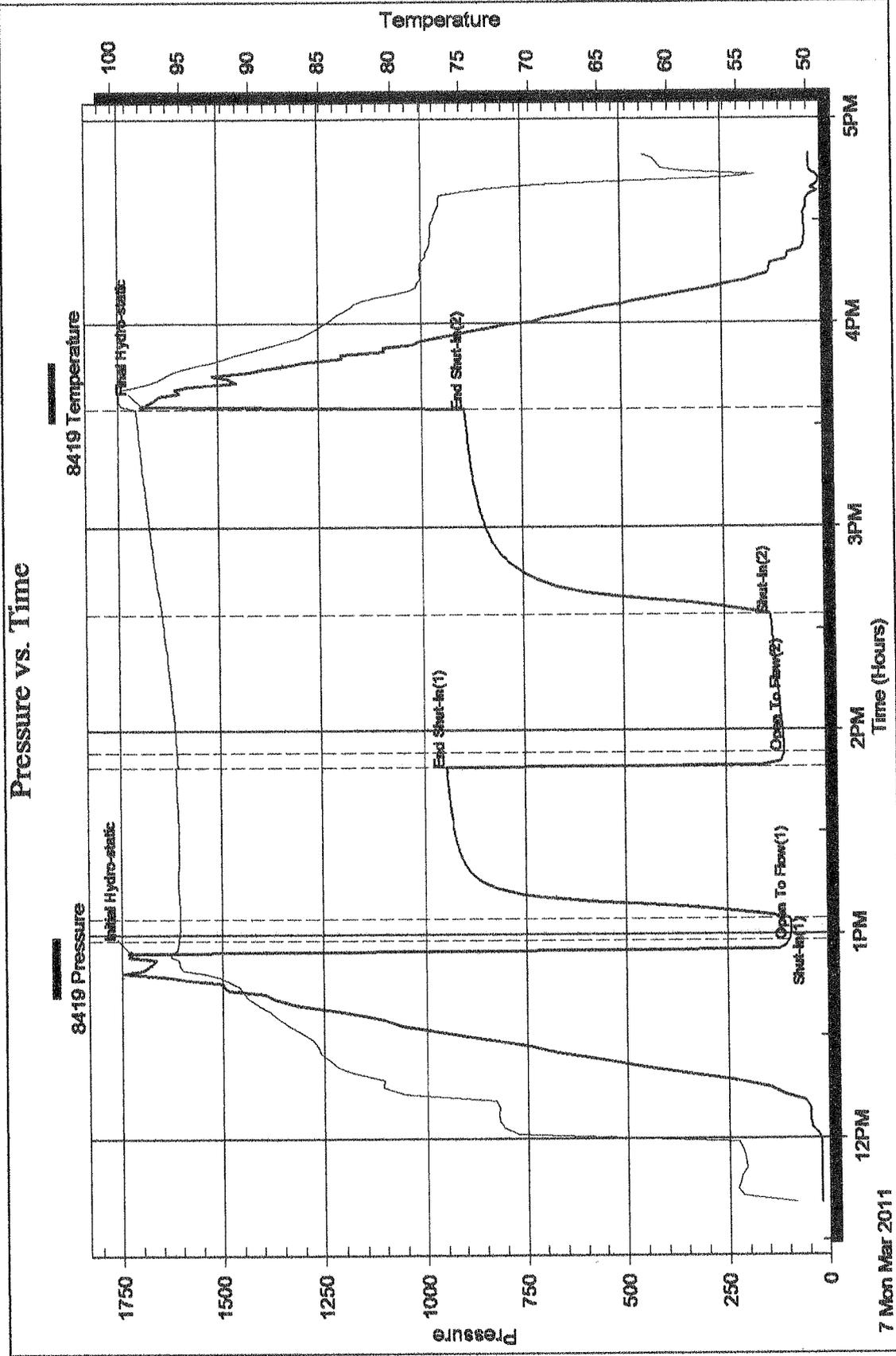
Serial #: 8419

Inside

GLOBE OPERATING INC

14-20-12 BARTON

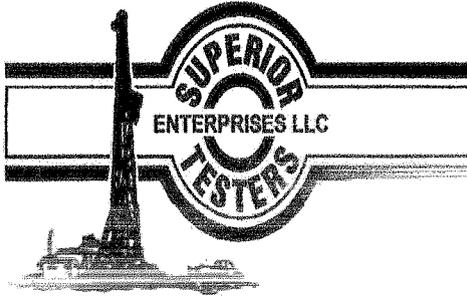
DST Test Number: 2



Printed: 2011.03.08 @ 09:25:47

Ref. No: 15629

Superior Testers Enterprises LLC



## DRILL STEM TEST REPORT

Prepared For: **GLOBE OPERATING INC**

PO BOX 12 GREAT BEND KS 67530

ATTN: KEVIN REAVIS

**14-20-12 BARTON**

**BUCKBEE A-1**

Start Date: 2011.03.08 @ 00:30:00

End Date: 2011.03.08 @ 06:22:00

Job Ticket #: 15630                      DST #: 3

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

Printed: 2011.03.08 @ 09:08:47

GLOBE OPERATING INC

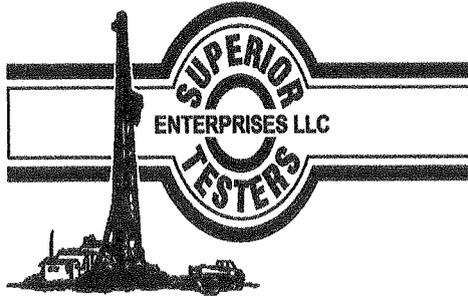
BUCKBEE A-1

14-20-12 BARTON

DST # 3

ARBUCKLE

2011.03.08



## DRILL STEM TEST REPORT

Prepared For: **GLOBE OPERATING INC**  
PO BOX 12 GREAT BEND KS 67530

ATTN: KEVIN REAVIS

**14-20-12 BARTON**

**BUCKBEE A-1**

Start Date: 2011.03.08 @ 00:30:00

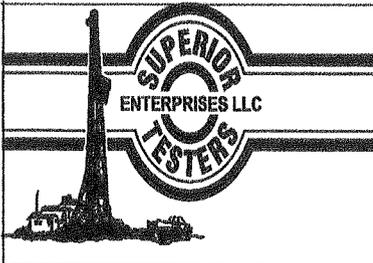
End Date: 2011.03.08 @ 06:22:00

Job Ticket #: 15630                      DST #: 3

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

Printed: 2011.03.08 @ 09:41:45

GLOBE OPERATING INC  
BUCKBEE A-1  
14-20-12 BARTON  
DST # 3  
ARBUCKLE  
2011.03.08



# DRILL STEM TEST REPORT

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

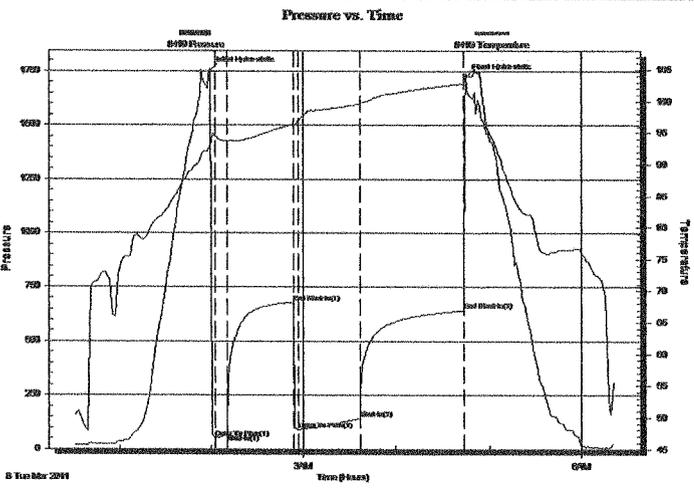
**BUCKBEE A-1**  
**14-20-12 BARTON**  
 Job Ticket: 15630      DST#: 3  
 Test Start: 2011.03.08 @ 00:30:00

## GENERAL INFORMATION:

Formation: **ARBUCKLE**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:02:30  
 Time Test Ended: 06:22:00  
 Interval: **3353.00 ft (KB) To 3366.00 ft (KB) (TVD)**  
 Total Depth: 3366.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-30  
 Reference Elevations: 1799.00 ft (KB)  
 1792.00 ft (CF)  
 KB to GR/CF: 7.00 ft

**Serial #: 8419**      **Inside**  
 Press@RunDepth: 144.25 psia @ 3362.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2011.03.08      End Date: 2011.03.08      Last Calib.: 2011.03.08  
 Start Time: 00:31:00      End Time: 06:22:00      Time On Btm: 2011.03.08 @ 01:59:30  
 Time Off Btm: 2011.03.08 @ 04:46:00

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 10 MINUTES  
 45/INTIAL SHUT IN:1 INCH BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES  
 60/FINAL SHUT IN:1 1/2 INCH BLOW BACK



## PRESSURE SUMMARY

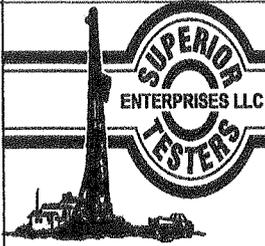
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1753.71	93.00	Initial Hydro-static
3	53.37	94.54	Open To Flow (1)
11	70.15	93.64	Shut-In(1)
55	679.94	96.37	End Shut-In(1)
58	90.47	96.88	Open To Flow (2)
98	144.25	99.60	Shut-In(2)
166	641.77	102.79	End Shut-In(2)
167	1722.37	104.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	SLIGHTLEY OIL CUT WATER	2.52
0.00	5%OIL.5%MUD 90%WATER	0.00
120.00	CLEAN GASSY OIL 20%GAS 80%OIL	1.68
0.00	180 FEET GAS IN PIPE	0.00
0.00	CHLORIDES 28,000	0.00
0.00	GRAVITY OIL 41	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

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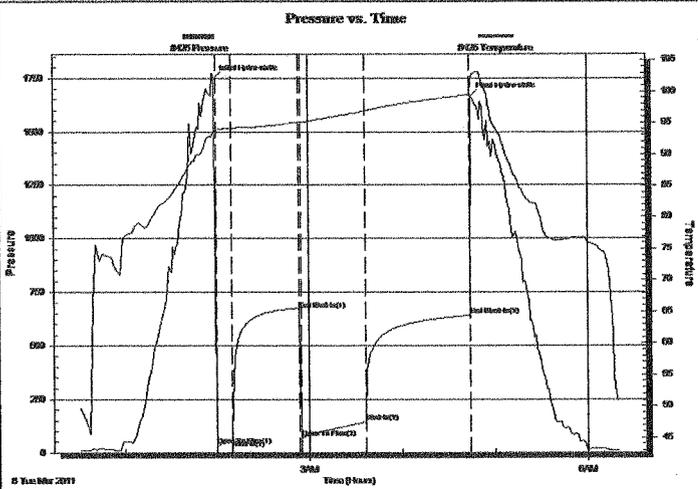
**BUCKBEE A-1**  
**14-20-12 BARTON**  
 Job Ticket: 15630 **DST#: 3**  
 Test Start: 2011.03.08 @ 00:30:00

## GENERAL INFORMATION:

Formation: **ARBUCKLE**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 02:02:30  
 Time Test Ended: 06:22:00  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: JARED SCHECK  
 Unit No: 3320-GB-30  
 Interval: **3353.00 ft (KB) To 3366.00 ft (KB) (TVD)**  
 Reference Elevations: 1799.00 ft (KB)  
 Total Depth: 3366.00 ft (KB) (TVD)  
 1792.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 KB to GR/CF: 7.00 ft

**Serial #: 8425** Outside  
 Press@RunDepth: 641.28 psia @ 3363.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.03.08 End Date: 2011.03.08 Last Calib.: 2011.03.08  
 Start Time: 00:31:00 End Time: 06:21:00 Time On Btm: 2011.03.08 @ 01:58:30  
 Time Off Btm: 2011.03.08 @ 04:45:30

**TEST COMMENT:** 10/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 10 MINUTES  
 45/INTIAL SHUT IN:1 INCH BLOW BACK  
 45/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN 15 MINUTES  
 60/FINAL SHUT IN:1 1/2 INCH BLOW BACK



## PRESSURE SUMMARY

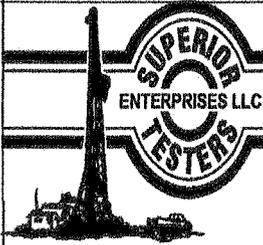
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1748.28	93.68	Initial Hydro-static
1	35.16	93.77	Open To Flow (1)
11	62.26	94.12	Shut-In(1)
55	668.06	95.10	End Shut-In(1)
56	68.51	95.10	Open To Flow (2)
98	144.67	96.83	Shut-In(2)
166	641.28	99.47	End Shut-In(2)
167	1666.72	101.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	SLIGHTLEY OIL CUT WATER	2.52
0.00	5%OIL5%MUD 90%WATER	0.00
120.00	CLEAN GASSY OIL 20%GAS 80%OIL	1.68
0.00	180 FEET GAS IN PIPE	0.00
0.00	CHLORIDES 28,000	0.00
0.00	GRAVITY OIL 41	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

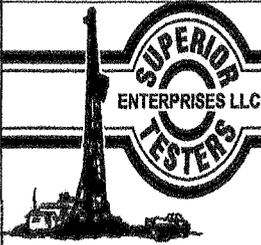
**BUCKBEE A-1**  
**14-20-12 BARTON**  
 Job Ticket: 15630      DST#: 3  
 Test Start: 2011.03.08 @ 00:30:00

**Tool Information**

Drill Pipe:	Length: 3359.00 ft	Diameter: 3.80 inches	Volume: 47.12 bbl	Tool Weight: 1000.00 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: 50000.00 lb
			<u>Total Volume: 47.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3353.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	34.00 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			3333.00	
Shut-In Tool	5.00			3338.00	
Hydraulic Tool	5.00			3343.00	
Packer	5.00			3348.00	21.00      Bottom Of Top Packer
Packer	5.00			3353.00	
Perforations	8.00			3361.00	
Recorder	1.00	8419	Inside	3362.00	
Recorder	1.00	8425	Outside	3363.00	
Bullnose	3.00			3366.00	13.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>34.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

GLOBE OPERATING INC  
 PO BOX 12 GREAT BEND KS 67530  
 ATTN: KEVIN REAVIS

BUCKBEE A-1  
 14-20-12 BARTON  
 Job Ticket: 15630      DST#: 3  
 Test Start: 2011.03.08 @ 00:30:00

## 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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6500.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	SLIGHTLEY OIL CUT WATER	2.525
0.00	5%OIL5%MUD 90%WATER	0.000
120.00	CLEAN GASSY OIL 20%GAS 80%OIL	1.683
0.00	180 FEET GAS IN PIPE	0.000
0.00	CHLORIDES 28,000	0.000
0.00	GRAVITY OIL 41	0.000

Total Length: 300.00 ft      Total Volume: 4.208 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: CHLORIDES 28,000

Serial #: 8419

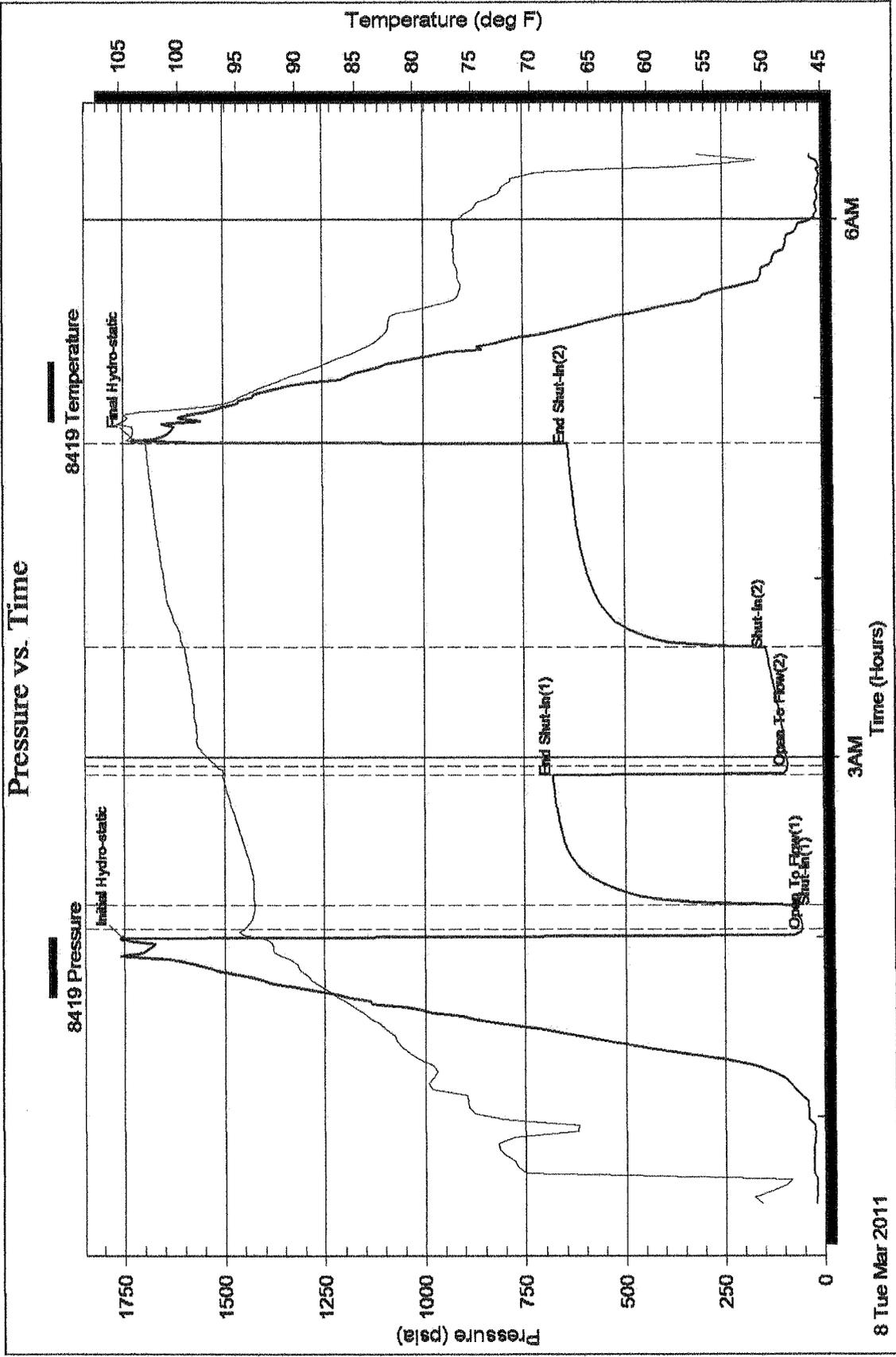
Inside

GLOBE OPERATING INC

14-20-12 BARTON

DST Test Number: 3

### Pressure vs. Time



Printed: 2011.03.08 @ 09:08:47

Ref. No: 15630

Superior Testers Enterprises LLC

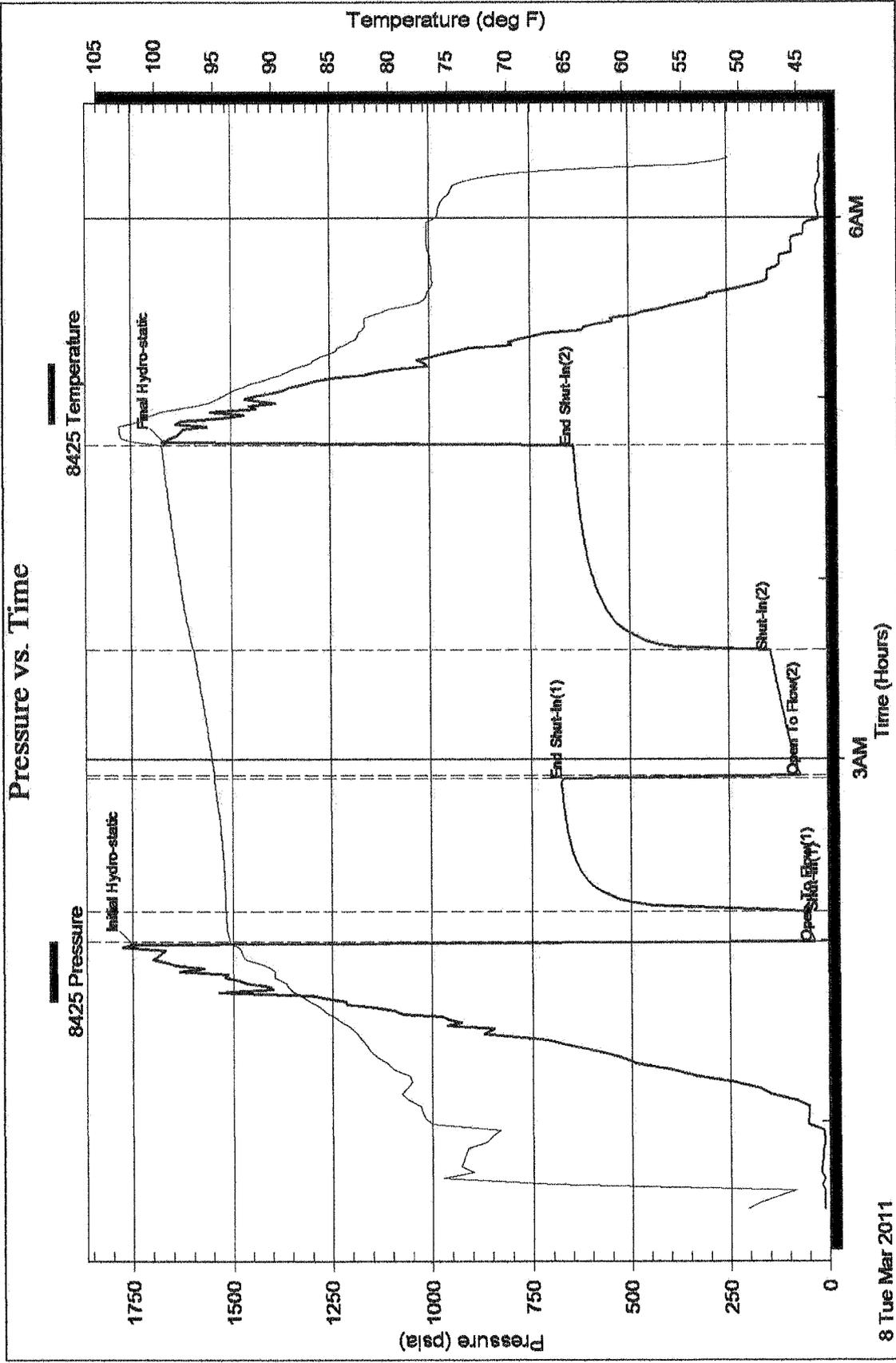
Serial #: 8425

Outside GLOBE OPERATING INC

14-20-12 BARTON

DST Test Number: 3

### Pressure vs. Time



8 Tue Mar 2011

6AM

3AM

Printed: 2011.03.08 @ 09:08:47

Ref. No: 15630

Superior Testers Enterprises LLC