

22-21-13W *gnd*



DRILL STEM TEST REPORT

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

ATTN:

22-21-13W STAFFORD

ERIC #1

Start Date: 2010.05.10 @ 12:40:00

End Date: 2010.05.10 @ 17:29:30

Job Ticket #: 16210 DST #: 1

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

Printed: 2010.05.10 @ 17:49:32

GLOBE OPERATING INC ERIC #1 22-21-13W STAFFORD DST # 1 ARBUCKLE 2010.05.10



DRILL STEM TEST REPORT

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

ATTN:

Job Ticket: 16210

DST#: 1

Test Start: 2010.05.10 @ 12:40:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:00:00

Time Test Ended: 17:29:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-25 -GB

Interval: 3672.00 ft (KB) To 3684.00 ft (KB) (TVD)

Total Depth: 3684.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 1887.00 ft (KB)

1881.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8405

Inside

Press@RunDepth: 35.47 psia @ 3680.00 ft (KB)

Start Date: 2010.05.10

End Date: 2010.05.10

Capacity: 5000.00 psia

Last Calib.: 2010.05.10

Start Time: 12:40:00

End Time: 17:29:30

Time On Btm: 2010.05.10 @ 13:59:00

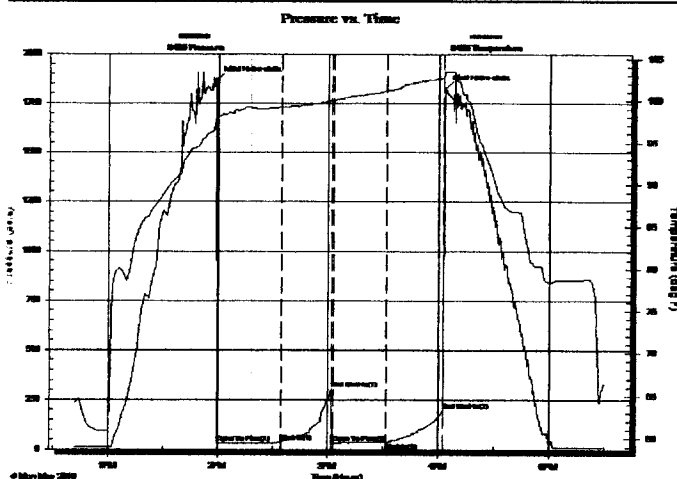
Time Off Btm: 2010.05.10 @ 16:03:30

TEST COMMENT: 30/INITIAL OPEN:WEAK BUT BUILDING BLOW BUILT 1 3/4 INTO WATER IN 30 MINUTES

30/INITIAL SHUT IN:NO BLOW BACK

30/FINAL OPEN:WEAK BLOW BUILT 3/4 INCH INTO WATER STAYED STEADY THROUGHOUT OPEN

30/FINAL SHUT IN:1/4 INCH BLOW BACK



PRESSURE SUMMARY

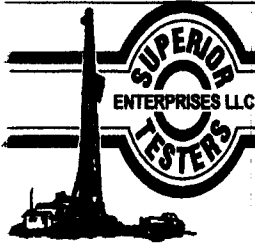
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1869.49	98.04	Initial Hydro-static
1	31.60	98.00	Open To Flow (1)
36	38.90	99.25	Shut-In (1)
63	303.96	100.03	End Shut-In (1)
64	33.27	99.99	Open To Flow (2)
93	35.47	101.16	Shut-In (2)
124	196.80	102.70	End Shut-In (2)
125	1823.29	103.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SGO CUT MUD 5%G 15%O 80%M	0.05

Gas Rates

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

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16210

DST#: 1

ATTN:

Test Start: 2010.05.10 @ 12:40:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:00:00

Time Test Ended: 17:29:30

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320-25 -GB

Interval: 3672.00 ft (KB) To 3684.00 ft (KB) (TVD)

Total Depth: 3684.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 1887.00 ft (KB)

1881.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8419 Outside

Press@RunDepth: 193.51 psia @ 3681.00 ft (KB)

Start Date: 2010.05.10

End Date:

2010.05.10

Capacity: 5000.00 psia

Last Calib.: 2010.05.10

Start Time: 12:40:00

End Time:

16:43:30

Time On Btrr: 2010.05.10 @ 13:59:00

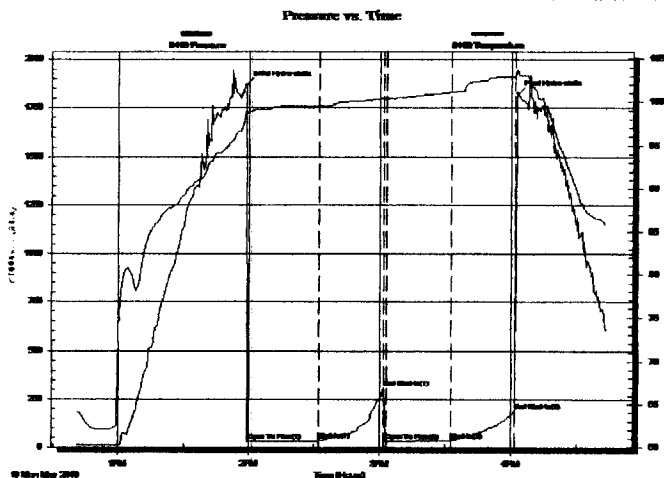
Time Off Btrr: 2010.05.10 @ 16:03:00

TEST COMMENT: 30/INITIAL OPEN:WEAK BUT BUILDING BLOW BUILT 1 3/4 INTO WATER IN 30 MINUTES

30/INITIAL SHUT IN:NO BLOW BACK

30/FINAL OPEN:WEAK BLOW BUILT 3/4 INCH INTO WATER STAYED STEADY THROUGHOUT OPEN

30/FINAL SHUT IN:1/4 INCH BLOW BACK



PRESSURE SUMMARY

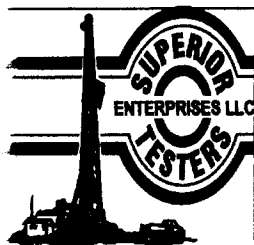
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1870.06	98.97	Initial Hydro-static
1	31.44	98.80	Open To Flow (1)
34	36.00	99.51	Shut-In(1)
63	313.96	100.38	End Shut-In(1)
64	34.45	100.32	Open To Flow (2)
94	38.42	101.10	Shut-In(2)
123	193.51	102.91	End Shut-In(2)
124	1824.12	103.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SGO CUT MUD 5%G 15%O 80%M	0.05

Gas Rates

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

TOOL DIAGRAM

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16210

DST#: 1

ATTN:

Test Start: 2010.05.10 @ 12:40:00

Tool Information

Drill Pipe:	Length:	3657.00 ft	Diameter:	3.80 inches	Volume:	51.30 bbl	Tool Weight:	10000.00 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:	55000.00 lb
					Total Volume:	51.89 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		126.00 ft					String Weight: Initial	42000.00 lb
Depth to Top Packer:		3672.00 ft					Final	42000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		12.00 ft						
Tool Length:		33.00 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			3652.00		
Shut-In Tool	5.00			3657.00		
Hydrolic Tool	5.00			3662.00		
Packer	5.00			3667.00	21.00	Bottom Of Top Packer
Packer	5.00			3672.00		
Perforations	7.00			3679.00		
Recorder	1.00	8405	Inside	3680.00		
Recorder	1.00	8419	Outside	3681.00		
Bullnose	3.00			3684.00	12.00	Bottom Packers & Anchor
Total Tool Length:	33.00					



DRILL STEM TEST REPORT

FLUID SUMMARY

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16210

DST#: 1

ATTN:

Test Start: 2010.05.10 @ 12:40:00

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 8800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SGO CUT MUD 5%G 15%O 80%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

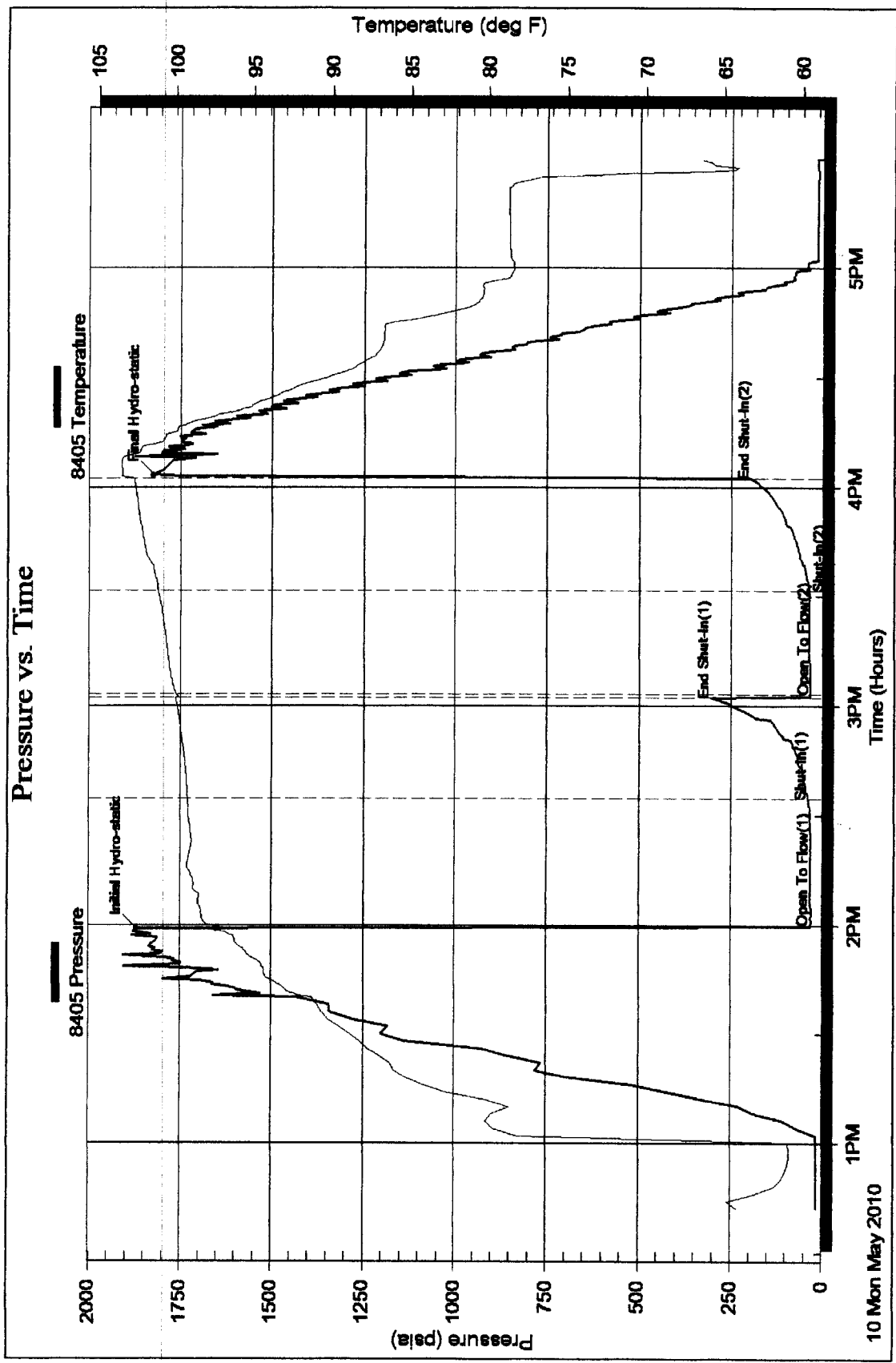
Serial #: 8405

inside

GLOBE OPERATIONS INC

22-21-13W STAFFORD

Test Number: 1



Serial #: 8419

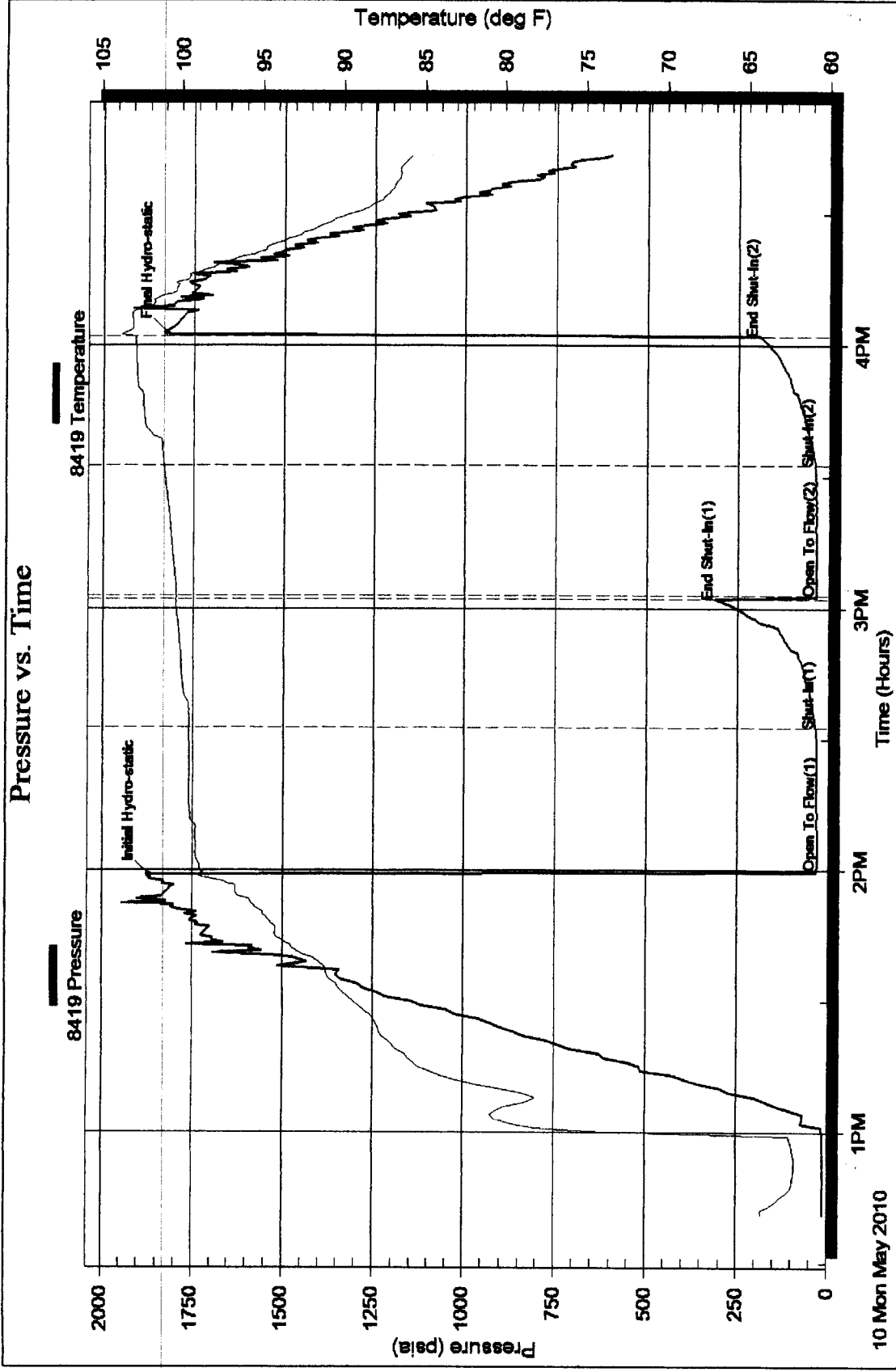
Outside

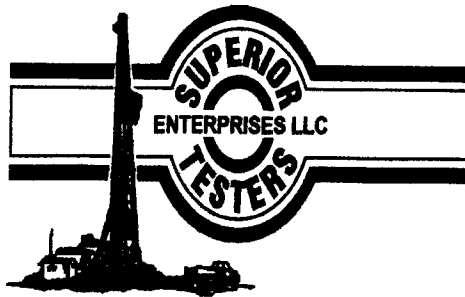
GLOBE OPERATING INC.

22-21-13W S/AFFORD

DS1 Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **GLOBE OPERATING INC**

PO BOX 12 GREAT BEND KS 67530

ATTN:

22-21-13W STAFFORD

ERIC #1

Start Date: 2010.05.10 @ 22:27:00

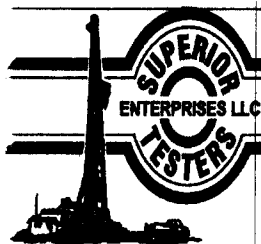
End Date: 2010.05.11 @ 04:27:00

Job Ticket #: 16211 DST #: 2

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

Printed: 2010.05.11 @ 04:52:08

GLOBE OPERATING INC ERIC #1 22-21-13W STAFFORD DST # 2 ARBUCKLE 2010.05.10



DRILL STEM TEST REPORT

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16211

DST#: 2

ATTN:

Test Start: 2010.05.10 @ 22:27:00

GENERAL INFORMATION:

Formation: ARBUCKLE

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:50:30

Time Test Ended: 04:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- GB -25

Interval: 3684.00 ft (KB) To 3700.00 ft (KB) (TVD)

Total Depth: 3700.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 1887.00 ft (KB)

1881.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8405

Inside

Press@RunDepth: 1064.50 psia @ 3696.00 ft (KB)

Start Date: 2010.05.10

End Date:

2010.05.11

Capacity: 5000.00 psia

Last Calib.: 2010.05.11

Start Time: 22:27:00

End Time:

04:27:00

Time On Btm: 2010.05.10 @ 23:48:30

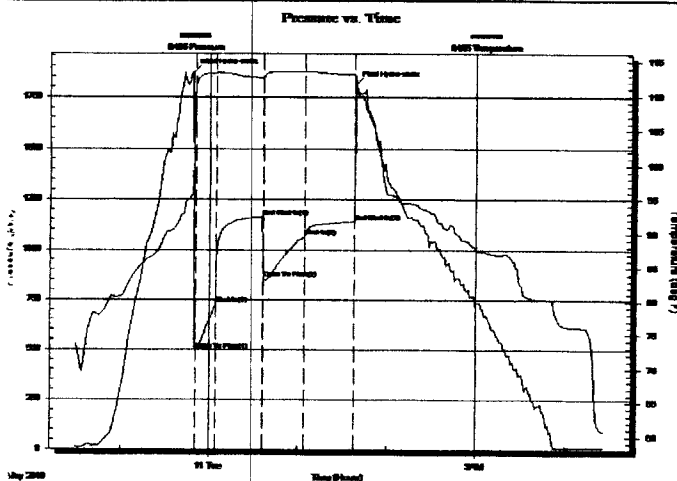
Time Off Btm: 2010.05.11 @ 01:38:30

TEST COMMENT: 15/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET LESS THEN 1 MINUTE

30/INITIAL SHUT IN :BLOW BACK BOTTOM OF BUCKET

30/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN LESS THEN 1 MINUTE

30/FINAL SHUT IN:BLOW BACK BOTTOM OF BUCKET



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1867.84	95.69	Initial Hydro-static
2	492.13	111.64	Open To Flow (1)
16	725.43	113.32	Shut-In(1)
47	1163.15	112.57	End Shut-In(1)
48	856.85	112.56	Open To Flow (2)
76	1064.50	113.55	Shut-In(2)
109	1139.77	113.08	End Shut-In(2)
110	1807.04	112.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	WATER 5%M 95%W	3.96
240.00	OIL CUT MW 50%O 10%M 40%W	3.37
360.00	SG OIL CUT MW 10%G 10%M 20%W	(5.05)
360.00	SG OIL CUT MW 10%M 10%W 10%G	(5.05)
480.00	GAS IN PIPE	6.73

Gas Rates

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

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

ATTN:

Job Ticket: 16211

DST#: 2

Test Start: 2010.05.10 @ 22:27:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:50:30

Time Test Ended: 04:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: JARED SCHECK

Unit No: 3320- GB -25

Interval: 3684.00 ft (KB) To 3700.00 ft (KB) (TVD)

Total Depth: 3700.00 ft (KB) (TVD)

Hole Diameter: 6.88 inches Hole Condition: Fair

Reference Elevations: 1887.00 ft (KB)

1881.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8419

Outside

Press@RunDepth: 1140.27 psia @ 3697.00 ft (KB)

Start Date: 2010.05.10

End Date: 2010.05.11

Capacity: 5000.00 psia

Last Calib.: 2010.05.11

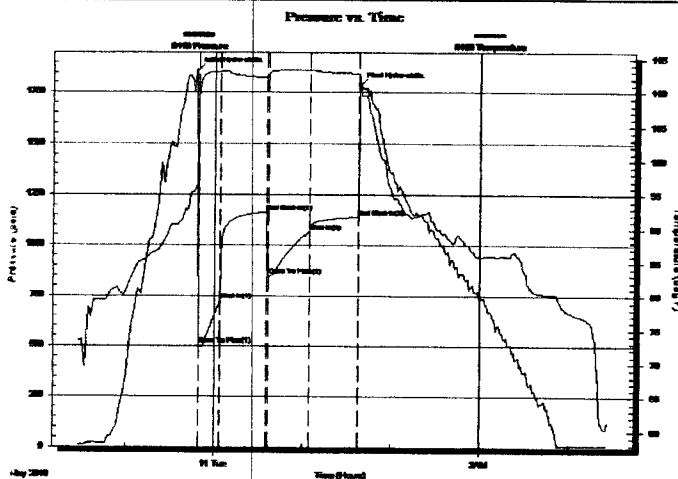
Start Time: 22:27:00

End Time: 04:26:30

Time On Btm: 2010.05.10 @ 23:48:30

Time Off Btm: 2010.05.11 @ 01:38:30

TEST COMMENT: 15/INITIAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET LESS THEN 1 MINUTE
30/INITIAL SHUT IN :BLOW BACK BOTTOM OF BUCKET
30/FINAL OPEN:STRONG BLOW BUILT BOTTOM OF BUCKET IN LESS THEN 1 MINUTE
30/FINAL SHUT IN:BLOW BACK BOTTOM OF BUCKET



PRESSURE SUMMARY

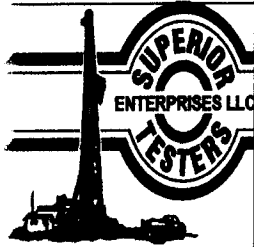
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1857.72	96.38	Initial Hydro-static
1	504.10	109.02	Open To Flow (1)
16	723.82	113.14	Shut-In (1)
47	1163.78	112.26	End Shut-In (1)
49	848.60	112.74	Open To Flow (2)
76	1064.38	113.36	Shut-In (2)
109	1140.27	112.82	End Shut-In (2)
110	1784.46	112.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	WATER 5%M 95%W	3.96
240.00	OIL CUT MW 50%O 10%M 40%W	3.37
360.00	SG OIL CUT MW 10%G 10%M 20%W (5.05)	
360.00	SG OIL CUT MW 10%M 10%W 10%G (5.05)	
480.00	GAS IN PIPE	6.73

Gas Rates

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

TOOL DIAGRAM

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16211

DST#: 2

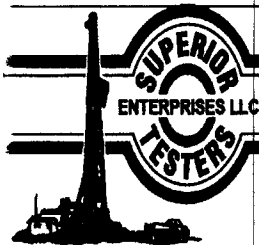
ATTN:

Test Start: 2010.05.10 @ 22:27:00

Tool Information

Drill Pipe:	Length: 3568.00 ft	Diameter: 3.80 inches	Volume: 50.05 bbl	Tool Weight: 10000.00 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: 70000.00 lb
		Total Volume: 50.64 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3684.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments: CHLORIDES 23,000				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3664.00	
Shut-In Tool	5.00			3669.00	
Hydrolic Tool	5.00			3674.00	
Packer	5.00			3679.00	21.00 Bottom Of Top Packer
Packer	5.00			3684.00	
Perforations	11.00			3695.00	
Recorder	1.00	8405	Inside	3696.00	
Recorder	1.00	8419	Outside	3697.00	
Bullnose	3.00			3700.00	16.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

GLOBE OPERATING INC

ERIC #1

PO BOX 12 GREAT BEND KS 67530

22-21-13W STAFFORD

Job Ticket: 16211

DST#: 2

ATTN:

Test Start: 2010.05.10 @ 22:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 10.40 in³

Resistivity: ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	WATER 5%M 95%W	3.957
240.00	OIL CUT MW 50%O 10%M 40%W	3.367
360.00	SG OIL CUT MW 10%G 10%M 20%W 60%O	5.050
360.00	SG OIL CUT MW 10%M 10%W 10%G 70%O	5.050
480.00	GAS IN PIPE	6.733

Total Length: 1800.00 ft

Total Volume: 24.157 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: CHLORIDES 23,000

Serial #: 8405

Inside

GLOBE OPERATING INC.

22-21-13W SIAFFORD

DS1 Test Number: 2

Pressure vs. Time

