

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co**

100 S Main STE 505
Wichita, KS 67202

ATTN: Bob Stolze

5-17s-24w Ness,KS

Baus Trust G

Start Date: 2011.04.09 @ 21:24:40

End Date: 2011.04.10 @ 02:16:10

Job Ticket #: 41599 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Pickrell Drilling Co

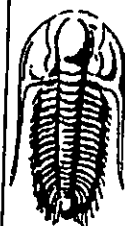
Baus Trust G

5-17s-24w Ness,KS

DST # 1

Miss-Warsaw

2011.04.08



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Co

100 S Main STE 505
Wichita, KS 67202

ATTN: Bob Stotzle

Baus Trust G

5-17s-24w Nees, KS

Job Ticket: 41599

DST#: 1

Test Start: 2011.04.09 @ 21:24:40

GENERAL INFORMATION:

Formation: Miss-Warsaw

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:36:55

Time Test Ended: 02:16:10

Test Type: Conventional Bottom Hole

Tester: Randall Williams

Unit No: 43

Interval: 4436.00 ft (KB) To 4449.00 ft (KB) (TVD)

Total Depth: 4449.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2459.00 ft (KB)

2452.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8648

Inside

Press@RunDepth: 18.27 psig @ 4437.00 ft (KB)

Start Date: 2011.04.09

End Date:

2011.04.10

Start Time: 21:24:45

End Time:

02:16:09

Capacity:

8000.00 psig

Last Calib.:

2011.04.10

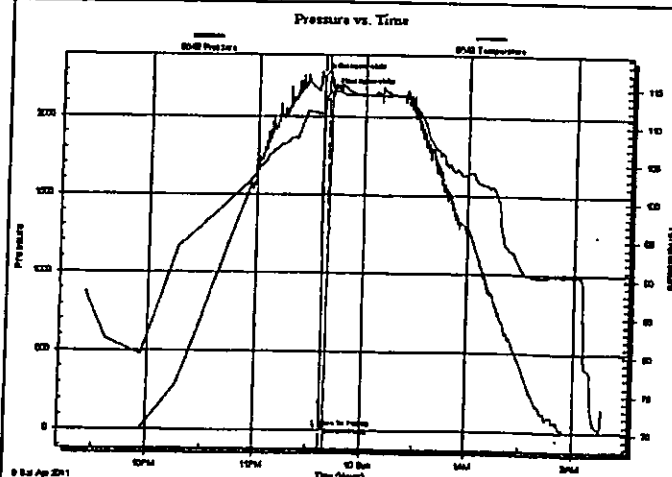
Time On Btm:

2011.04.09 @ 23:36:40

Time Off Btm:

2011.04.09 @ 23:41:25

TEST COMMENT: IF-Weak blow for 2 min - Packer Failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.66	111.48	Initial Hydro-static
1	18.15	110.46	Open To Flow (1)
3	18.27	114.05	End Shut-In (1)
5	2160.79	115.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
347.00	Oil specked mud	4.87

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co

Baus Trust G

100 S Main STE 505
Wichita, KS 67202

5-17s-24w Ness, KS

Job Ticket: 41599

GST#: 1

ATTN: Bob Stolze

Test Start: 2011.04.09 @ 21:24:40

Tool Information

Drill Pipe:	Length: 4433.00 ft	Diameter: 3.80 inches	Volume: 62.18 bbl	Tool Weight: 4000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 1000.00 lb
			Total Volume: 62.18 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4436.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 Inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4418.00	
Hydraulic tool	5.00			4423.00	
Safety Joint	3.00			4426.00	
Packer	5.00			4431.00	23.00 Bottom Of Top Packer
Packer	5.00			4436.00	
Stubb	1.00			4437.00	
Recorder	0.00	8648	Inside	4437.00	
Recorder	0.00	6799	Outside	4437.00	
Perforations	7.00			4444.00	
Bullnose	5.00			4449.00	13.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co

Baus Trust G

100 S Main STE 505
Wichita, KS 67202

5-17s-24v/ Ness, KS

Job Ticket: 41599

DST#: 1

ATTN: Bob Stoizle

Test Start: 2011.04.09 @ 21:24:40

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
347.00	Oil specked mud	4.867

Total Length: 347.00 ft

Total Volume: 4.867 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

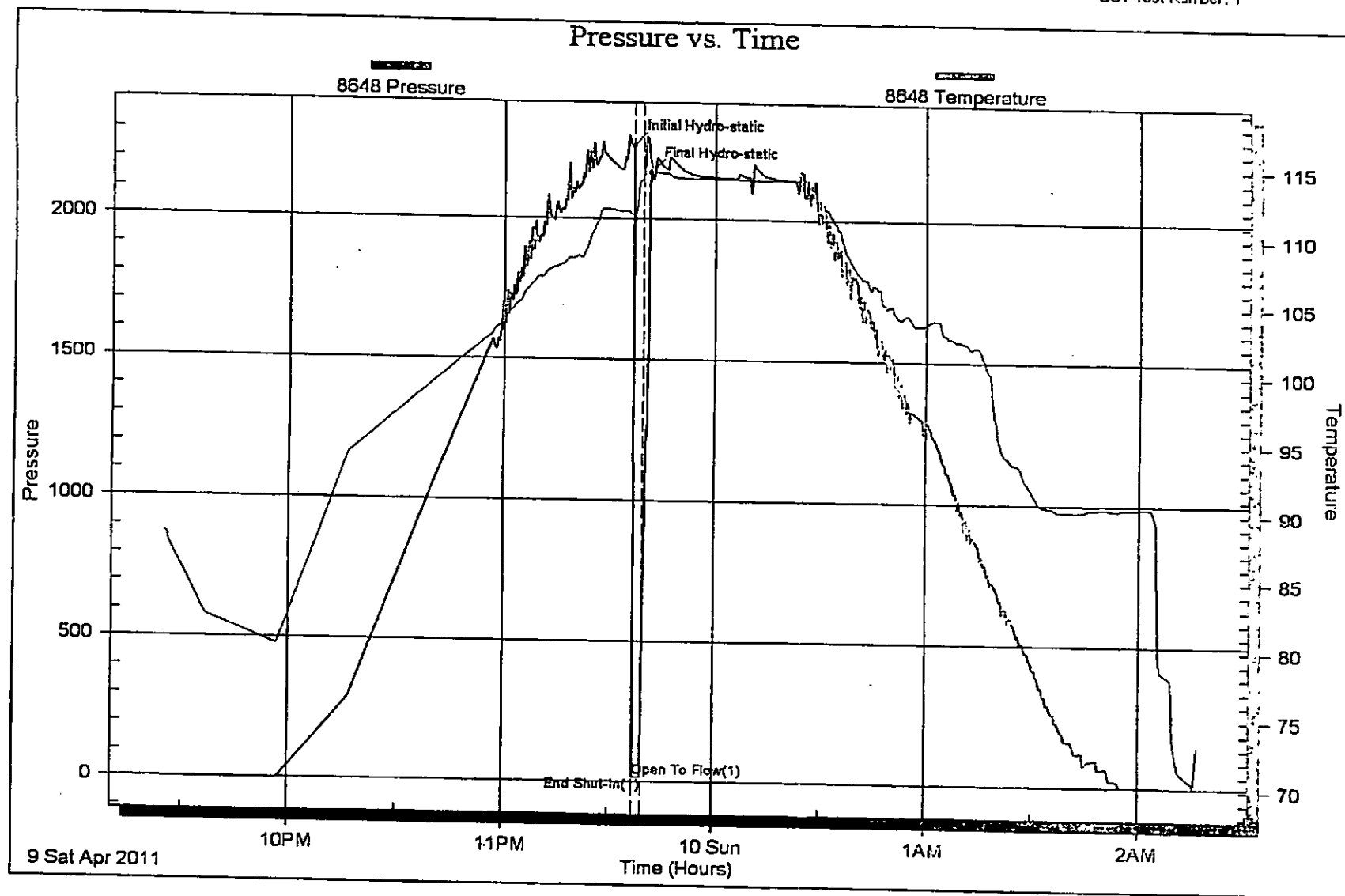
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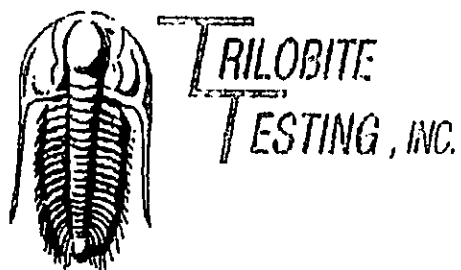
Serial #: 8648

Inside Pickrell Drilling Co

5-17s-24w Ness,KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co**
100 S Main STE 505
Wichita, KS 67202

ATTN: Bob Stolze

5-17s-24w Ness,KS

Baus Trust G

Start Date: 2011.04.10 @ 04:25:30

End Date: 2011.04.10 @ 15:51:15

Job Ticket #: 41600 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

PICKRELL DRILLING CO.

100 S MAIN STE 505
WICHITA KS 67202

ATTN: BOB STOLZLE

BAUS TRUST G

5-17S-24W NESS CO

Job Ticket: 41600

DST#: 2

Test Start: 2011.04.10 @ 04:25:30

GENERAL INFORMATION:

Formation: MISS-WARSAW

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:33:00

Time Test Ended: 15:51:15

Interval: 4382.00 ft (KB) To 4449.00 ft (KB) (TVD)

Total Depth: 4449.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: RANDALL WILLIAMS

Unit No: 43

Reference Elevations: 2459.00 ft (KB)

2452.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8648

Inside

Press@RunDepth: 41.75 psig @ 4383.00 ft (KB)

Start Date: 2011.04.10

End Date:

2011.04.10

Start Time: 04:25:35

End Time:

15:51:15

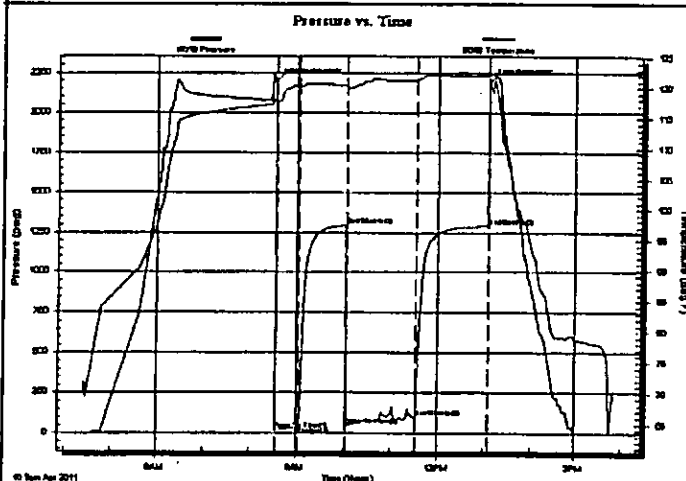
Capacity: 8000.00 psig

Last Calib.: 2011.04.10

Time On Btm: 2011.04.10 @ 08:32:45

Time Off Btm: 2011.04.10 @ 13:06:30

TEST COMMENT: IF-WBB, BUILT TO 5 1/2 INCHS IN 30 MINS.
IS- NBB
FF- WBB, BUILT TO BOTTOM BUCKET IN 55 MINS
FS- NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.18	118.17	Initial Hydro-static
1	21.04	117.42	Open To Flow (1)
30	41.75	120.43	Shut-In(1)
90	1293.02	120.53	End Shut-In(1)
91	48.18	120.18	Open To Flow (2)
181	100.55	121.27	End Shut-In(2)
273	1288.21	122.07	End Shut-In(3)
274	2194.63	122.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCO- 60% MUD, 40% OIL	0.88
63.00	OCM- 45% OIL, 55% MUD	0.88
94.00	CLEAN OIL	1.32

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcfd)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co

Baus Trust G

100 S Main STE 505
Wichita, KS 67202

5-17s-24w Ness, KS

Job Ticket: 41600

DST#: 2

ATTN: Bob Stolze

Test Start: 2011.04.10 @ 04:25:30

Tool Information

Drill Pipe:	Length: 4376.00 ft	Diameter: 3.80 inches	Volume: 61.38 bbl	Tool Weight: 4000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume:	61.38 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4382.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4364.00	
Hydraulic tool	5.00			4369.00	
Safety Joint	3.00			4372.00	
Packer	5.00			4377.00	23.00 Bottom Of Top Packer
Packer	5.00			4382.00	
Stubb	1.00			4383.00	
Perforations	5.00			4388.00	
Change Over Sub	1.00			4389.00	
Recorder	0.00	8648	Inside	4389.00	
Recorder	0.00	6799	Outside	4389.00	
Blank Spacing	31.00			4420.00	
Change Over Sub	1.00			4421.00	
Perforations	23.00			4444.00	
Bullnose	5.00			4449.00	67.00 Bottom Packers & Anchor

Total Tool Length: 90.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

PICKRELL DRILLING CO.

BAUS TRUST G

100 S MAIN STE 505
WICHITA KS 67202

5-17S-24W NESS CO

Job Ticket: 41600

DST#: 2

ATTN: BOB STOLZLE

Test Start: 2011.04.10 @ 04:25:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

3000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCO- 60% MUD, 40% OIL	0.884
63.00	OCM- 45% OIL, 55% MUD	0.884
94.00	CLEAN OIL	1.319

Total Length: 220.00 ft

Total Volume: 3.087 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8648

Inside PICKRELL DRILLING CO.

5-17S-24W NESS CO

DST Test Number: 2

