



DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum Inc**

522 N Main ST Po Box 560
Eureka KS 67045

ATTN: Matthew Osborn/ Just

Johnson #7

12-18-8 Rice co

Start Date: 2012.11.14 @ 21:43:39

End Date: 2012.11.15 @ 08:31:24

Job Ticket #: 49501 DST #: 1

Trilobite Testing, Inc

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum Inc
 522 N Main ST Po Box 560
 Eureka KS 67045
 ATTN: Matthew Osborn/ Just

12-18-8 Rice co
Johnson #7
 Job Ticket: 49501 **DST#: 1**
 Test Start: 2012.11.14 @ 21:43:39

GENERAL INFORMATION:

Formation: **L/KC F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:08:54
 Time Test Ended: 08:31:24
 Interval: **2870.00 ft (KB) To 2885.00 ft (KB) (TVD)**
 Total Depth: 2885.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Staats
 Unit No: 47
 Reference Elevations: 1762.00 ft (KB)
 1752.00 ft (CF)
 KB to GR/CF: 10.00 ft

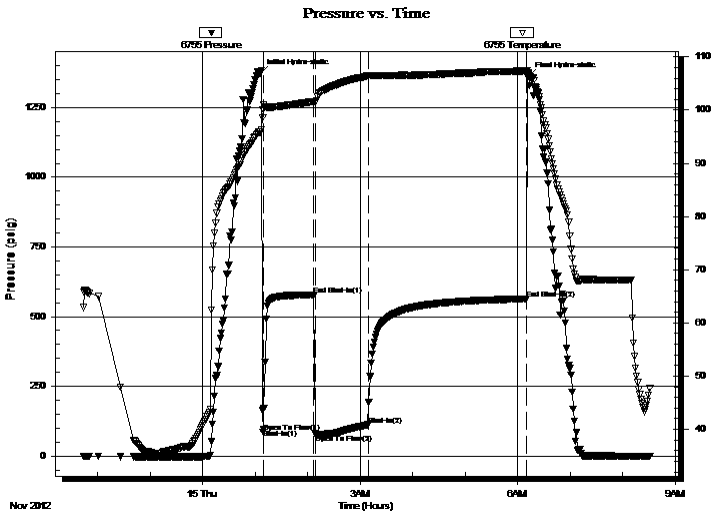
Serial #: 6755

Inside

Press @ RunDepth: 112.06 psig @ 2871.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.14 End Date: 2012.11.15 Last Calib.: 2012.11.15
 Start Time: 21:43:44 End Time: 08:31:24 Time On Btm: 2012.11.15 @ 01:06:09
 Time Off Btm: 2012.11.15 @ 06:11:54

TEST COMMENT: IF: Fair blow 7"
 IS: No blow back
 FF: Strong blow BOB 6 min
 FS: Weak blow back 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1373.56	95.86	Initial Hydro-static
3	85.40	100.09	Open To Flow (1)
4	94.42	100.92	Shut-In(1)
61	577.41	101.63	End Shut-In(1)
63	77.88	101.47	Open To Flow (2)
123	112.06	106.47	Shut-In(2)
304	563.72	107.40	End Shut-In(2)
306	1361.10	107.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1115' GIP	0.00
90.00	G,O,M 2%gas 8%oil 90%mud	0.44
120.00	G,O,M,W 2%oil 5%gas 13%mud 80%wa	1.44

Gas Rates

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



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TOOL DIAGRAM

Daystar Petroleum Inc
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12-18-8 Rice co

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DST#: 1

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Tool Information

Drill Pipe:	Length: 2732.00 ft	Diameter: 3.80 inches	Volume: 38.32 bbl	Tool Weight: 2200.00 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: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 38.90 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	2870.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2843.00	
Shut In Tool	5.00			2848.00	
Hydraulic tool	5.00			2853.00	
Jars	5.00			2858.00	
Safety Joint	3.00			2861.00	
Packer	5.00			2866.00	28.00 Bottom Of Top Packer
Packer	4.00			2870.00	
Stubb	1.00			2871.00	
Recorder	0.00	6773	Outside	2871.00	
Recorder	0.00	6755	Inside	2871.00	
Perforations	11.00			2882.00	
Bullnose	3.00			2885.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



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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:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1115' GIP	0.000
90.00	G,O,M 2%gas 8%oil 90%mud	0.443
120.00	G,O,M,W 2%oil 5%gas 13%mud 80%water	1.437

Total Length: 210.00 ft

Total Volume: 1.880 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

