



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: 2012.11.17 @ 07:16:16

End Date: 2012.11.17 @ 18:11:16

Job Ticket #: 49503 DST #: 3

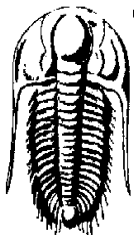
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Printed: 2012.11.17 @ 20:01:18

Daystar Petroleum Inc
12-18-8 Rice co
Johnson #7
DST # 3
Arbuckle
2012.11.17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Daystar Petroleum Inc

12-18-8 Rice co

522 N Main ST Po Box 560
Eureka KS 67045

Johnson #7

ATTN: Matthew Osborn/ Just

Job Ticket: 49503

DST#: 3

Test Start: 2012.11.17 @ 07:16:16

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:37:46

Time Test Ended: 18:11:16

Interval: **3193.00 ft (KB) To 3200.00 ft (KB) (TVD)**

Total Depth: 3200.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

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 @ Run Depth: 835.76 psig @ 3194.00 ft (KB)

Start Date: 2012.11.17

End Date:

2012.11.17

Start Time: 07:16:21

End Time:

18:11:16

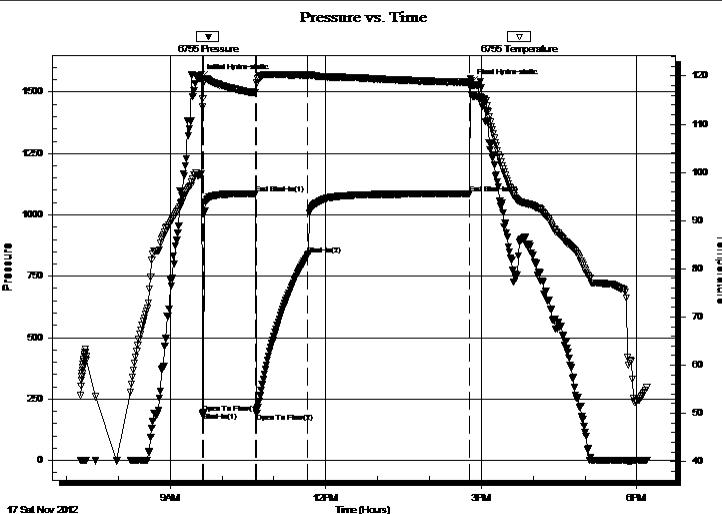
Capacity: 8000.00 psig

Last Calib.: 2012.11.17

Time On Btm: 2012.11.17 @ 09:34:46

Time Off Btm: 2012.11.17 @ 14:47:16

TEST COMMENT: IF: Strong blow BOB 1 min
IS: Surface blow back
FF: Strong blow BOB 1 min
FS: Strong blow BOB 8 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1553.87	99.52	Initial Hydro-static
3	190.92	115.30	Open To Flow (1)
4	194.59	118.75	Shut-In(1)
64	1086.81	116.52	End Shut-In(1)
66	192.21	118.54	Open To Flow (2)
125	835.76	120.19	Shut-In(2)
312	1086.36	118.68	End Shut-In(2)
313	1535.74	117.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2480 GIP	0.00
90.00	Clean Oil	0.44
280.00	G,M,O,W 5%gas 5%mud 10%oil 80%water	3.68
120.00	O,M,W 1%oil 4%mud 95%water	1.68
1365.00	Water 100%	19.15

Gas Rates

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

* Recovery from multiple tests



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TOOL DIAGRAM

Daystar Petroleum Inc
522 N Main ST Po Box 560
Eureka KS 67045

12-18-8 Rice co

Johnson #7

Job Ticket: 49503

DST#: 3

ATTN: Matthew Osborn/ Just

Test Start: 2012.11.17 @ 07:16:16

Tool Information

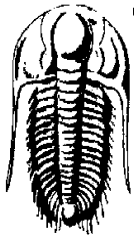
Drill Pipe:	Length: 3074.00 ft	Diameter: 3.80 inches	Volume: 43.12 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 43.70 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3193.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3166.00	
Shut In Tool	5.00			3171.00	
Hydraulic tool	5.00			3176.00	
Jars	5.00			3181.00	
Safety Joint	3.00			3184.00	
Packer	5.00			3189.00	28.00 Bottom Of Top Packer
Packer	4.00			3193.00	
Stubb	1.00			3194.00	
Recorder	0.00	6773	Outside	3194.00	
Recorder	0.00	6755	Inside	3194.00	
Perforations	3.00			3197.00	
Bullnose	3.00			3200.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



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Test Start: 2012.11.17 @ 07:16:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 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	2480 GIP	0.000
90.00	Clean Oil	0.443
280.00	G,M,O,W 5%gas 5%mud 10%oil 80%w ater	3.682
120.00	O,M,W 1%oil 4%mud 95%w ater	1.683
1365.00	Water 100%	19.147

Total Length: 1855.00 ft

Total Volume: 24.955 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

Inside

Daystar Petroleum Inc

Johnson #7

DST Test Number: 3

