



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum
 POB 360
 Valley Center, KS 67147-0360
 ATTN: Josh Austin

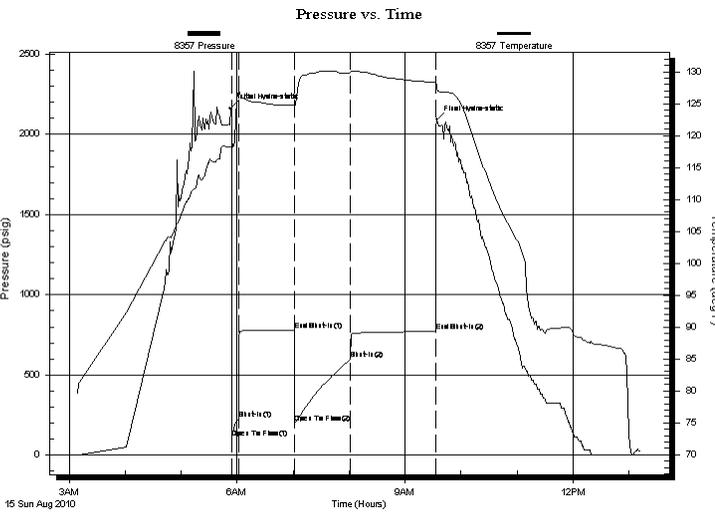
Sebes "B" #1-18
S18-22-22 Hodgeman
 Job Ticket: 39594 **DST#: 1**
 Test Start: 2010.08.15 @ 03:09:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:54:36
 Time Test Ended: 13:13:17
 Interval: **4261.00 ft (KB) To 4310.00 ft (KB) (TVD)**
 Total Depth: 4310.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Chuck Smith
 Unit No: 37
 Reference Elevations: 2261.00 ft (KB)
 2254.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8357 Inside
 Press@RunDepth: 595.93 psig @ 4267.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.08.15 End Date: 2010.08.15 Last Calib.: 2010.08.15
 Start Time: 03:09:05 End Time: 13:13:18 Time On Btm: 2010.08.15 @ 05:53:06
 Time Off Btm: 2010.08.15 @ 09:34:00

TEST COMMENT: IF: Packer seat failed at open, reset tool, B.O.B. @ 5 min.
 IS: No return.
 FF: B.O.B @ 7 min.
 FS: 1/2" Return throughout.



PRESSURE SUMMARY

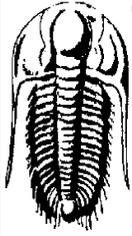
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.42	118.20	Initial Hydro-static
2	104.00	117.43	Open To Flow (1)
9	221.84	126.82	Shut-In(1)
69	779.89	124.70	End Shut-In(1)
69	201.28	124.51	Open To Flow (2)
129	595.93	129.89	Shut-In(2)
220	771.47	128.38	End Shut-In(2)
221	2092.22	127.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1100.00	OSMW 5%M 95%W Popping gas	12.81
90.00	OSWM 25%W 75%M	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
 POB 360
 Valley Center, KS 67147-0360
 ATTN: Josh Austin

Sebes "B" #1-18
S18-22-22 Hodgeman
 Job Ticket: 39594 **DST#: 1**
 Test Start: 2010.08.15 @ 03:09:00

Tool Information

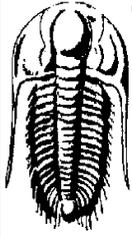
Drill Pipe:	Length: 3960.00 ft	Diameter: 3.80 inches	Volume: 55.55 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 288.00 ft	Diameter: 2.25 inches	Volume: 1.42 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4261.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	72.00 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			4239.00	
Shut In Tool	5.00			4244.00	
Sampler	3.00			4247.00	
Hydraulic tool	5.00			4252.00	
Packer	5.00			4257.00	23.00 Bottom Of Top Packer
Packer	4.00			4261.00	
Stubb	1.00			4262.00	
Perforations	5.00			4267.00	
Recorder	0.00	8357	Inside	4267.00	
Recorder	0.00	6751	Outside	4267.00	
Perforations	7.00			4274.00	
Change Over Sub	1.00			4275.00	
Drill Pipe	31.00			4306.00	
Change Over Sub	1.00			4307.00	
Bullnose	3.00			4310.00	49.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum
 POB 360
 Valley Center, KS 67147-0360
 ATTN: Josh Austin

Sebes "B" #1-18
S18-22-22 Hodgeman
 Job Ticket: 39594 **DST#: 1**
 Test Start: 2010.08.15 @ 03:09:00

Mud and Cushion Information

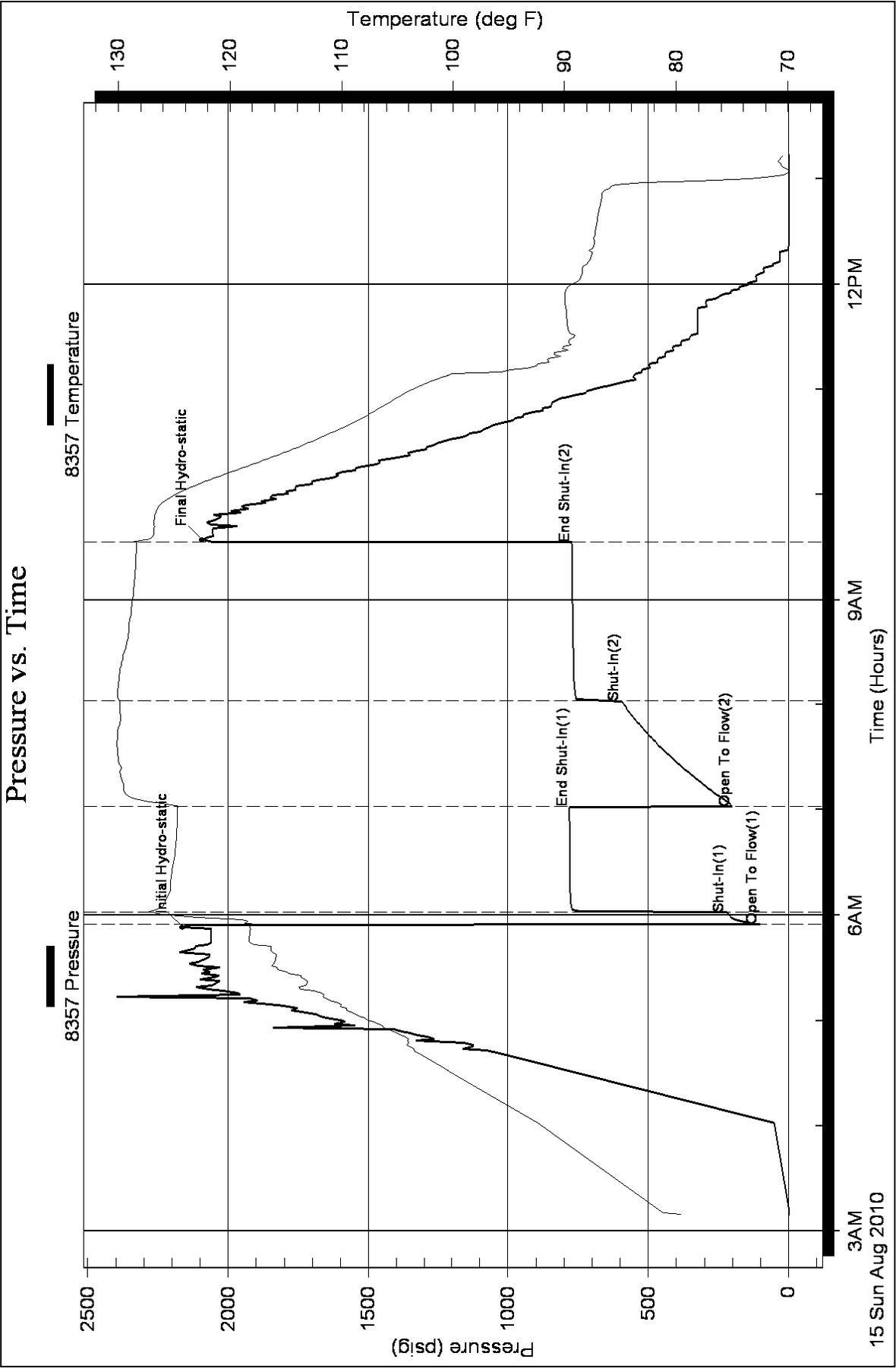
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 72000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 15.99 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 7200.00 ppm		
Filter Cake: 2.00 inches		

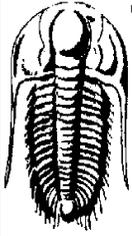
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1100.00	OSMW 5%M 95%W Popping gas	12.807
90.00	OSWM 25%W 75%M	1.262

Total Length: 1190.00 ft Total Volume: 14.069 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .109 @ 68 Degrees F = 72000 .





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum
 POB 360
 Valley Center, KS 67147-0360
 ATTN: Josh Austin

Sebes "B" #1-18
S18-22-22 Hodgeman
 Job Ticket: 36938 **DST#: 2**
 Test Start: 2010.08.16 @ 13:23:08

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 55000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 18.38 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4800.00 ppm		
Filter Cake: 0.21 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	SMCO 95%o 5%m	0.020
333.00	HOCM 25%o 75%m	1.638
118.00	O&WCM 10%o 10%w 80%m	1.072
0.00	RW = .13 @ 75 deg.	0.000
0.00	Grav. 36 API @ 70 deg.	0.000

Total Length: 455.00 ft Total Volume: 2.730 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments: Sampler Data: 50 mL w ater
 RW = .13 @ 75 deg. 55000

Pressure vs. Time

