



DRILL STEM TEST REPORT

Prepared For: **Elysium Energy LLC**

1625 Broadway Ste 2000
Denver CO 80202

ATTN: Jeff Zoller

7 22 12W Stafford KS

Hitz #6

Start Date: 2006.04.29 @ 00:10:26

End Date: 2006.04.29 @ 06:38:56

Job Ticket #: 23963

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



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TESTING, INC.

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1625 Broadway Ste 2000
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ATTN: Jeff Zoller

Hitz #6

7 22 12W Stafford KS

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DST#: 1

Test Start: 2006.04.29 @ 00:10:26

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:57:56

Time Test Ended: 06:38:56

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3450.00 ft (KB) To 3470.00 ft (KB) (TVD)**

Total Depth: 3470.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1885.00 ft (KB)

1878.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6719

Inside

Press@RunDepth: 21.36 psig @ 3452.00 ft (KB)

Start Date: 2006.04.29

End Date: 2006.04.29

Capacity: 7000.00 psig

Last Calib.: 2006.04.29

Start Time: 00:10:28

End Time: 06:38:56

Time On Btm: 2006.04.29 @ 01:56:56

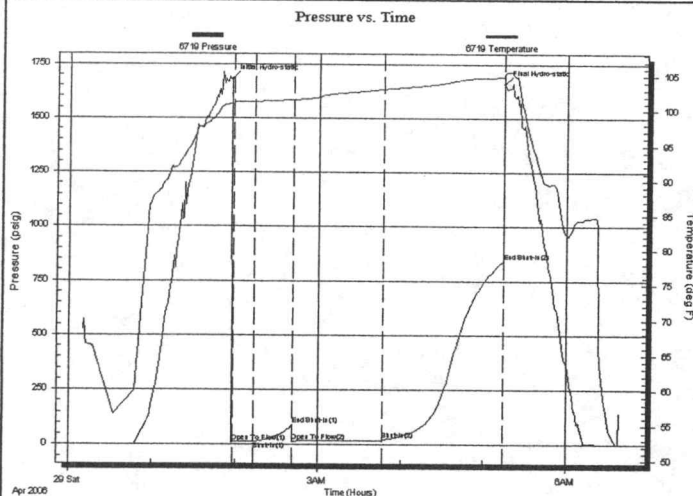
Time Off Btm: 2006.04.29 @ 05:14:41

TEST COMMENT: IFP Weak Blow Built to 1-1/2"

ISI Dead

FFP Weak Blow Built to 1"

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.10	101.04	Initial Hydro-static
1	10.70	100.96	Open To Flow (1)
17	15.46	101.35	Shut-In(1)
45	88.92	101.61	End Shut-In(1)
45	15.01	101.59	Open To Flow (2)
110	21.36	103.11	Shut-In(2)
198	839.50	104.87	End Shut-In(2)
198	1658.03	105.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w/Oil Spot in Tool	0.21

Gas Rates

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

Elysium Energy LLC

1625 Broadway Ste 2000
Denver CO 80202

ATTN: Jeff Zoller

Hitz #6

7 22 12W Stafford KS

Job Ticket: 23963

DST#: 1

Test Start: 2006.04.29 @ 00:10:26

Tool Information

Drill Pipe:	Length: 3457.00 ft	Diameter: 3.80 inches	Volume: 48.49 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 44000.00 lb
		Total Volume: 48.49 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3450.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	41.00 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			3430.00	
Shut In Tool	5.00			3435.00	
Hydraulic tool	5.00			3440.00	
Packer	5.00			3445.00	21.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Perforations	1.00			3452.00	
Recorder	0.00	6719	Inside	3452.00	
Perforations	15.00			3467.00	
Recorder	0.00	13221	Outside	3467.00	
Bullnose	3.00			3470.00	20.00 Bottom Packers & Anchor

Total Tool Length: 41.00



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FLUID SUMMARY

Elysium Energy LLC

Hitz #6

1625 Broadway Ste 2000
Denver CO 80202

7 22 12W Stafford KS

Job Ticket: 23963

DST#: 1

ATTN: Jeff Zoller

Test Start: 2006.04.29 @ 00:10:26

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 8.36 in³

Resistivity: ohm.m

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w/Oil Spot in Tool	0.210

Total Length:

15.00 ft

Total Volume:

0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6719

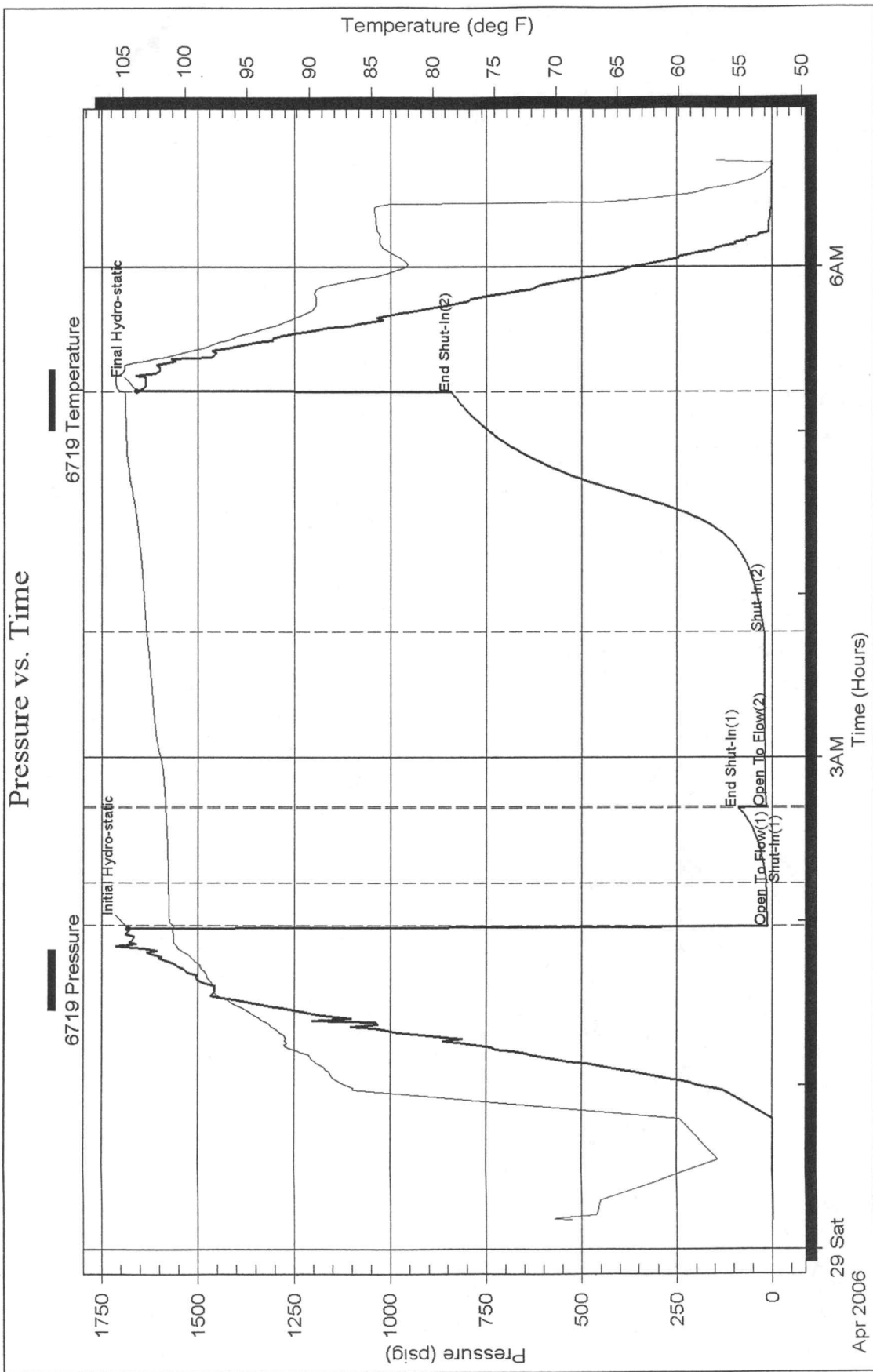
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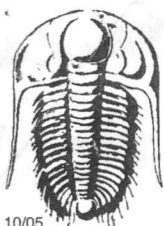
Bysium Energy LLC

7 22 12W Stafford KS

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 23963

8697

Test Ticket

Well Name & No. Hitz #6 Test No. 1 Date 4-28-06
 Company Elysium Energy LLC Zone Tested Lansing - "H"
 Address Broadway, Suite 2,000, Denver, Co. 80202 Elevation 1885 KB 1878 GL
 Co. Rep / Geo. Jeff Zoller Rig Southwind #2
 Location: Sec. 7 Twp. 22 S Rge. 12 W Co. Stafford State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3450-3470 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 42,000
 Anchor Length 20' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 44,000
 Top Packer Depth 3445 Tool Weight 2200
 Bottom Packer Depth 3450 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 3470 Wt. Pipe Run 0 Drill Collar Run 0
 Mud Wt. 9.1 LCM 0 Vis. 45 WL 8.4 Drill Pipe Size 4 1/2 XH Ft. Run 3457
 Blow Description IFP-Weak Blow, Built to 1 1/2"

ISI-Dead
FFP-Weak Blow, Built to 1"
FSI-Dead

Recovery - Total Feet 15 GIP — Ft. in DC — Ft. in DP 15
 Rec. 15 Feet of Mud, oil spot in tool %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 105° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4200 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1681</u>		<u>6719</u>	<u>1,000.00</u>
(B) First Initial Flow Pressure		<u>11</u>		<u>3452</u>	Jars _____
(C) First Final Flow Pressure		<u>15</u>		<u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>89</u>		<u>3467</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>15</u>			Sampler _____
(F) Second Final Flow Pressure		<u>21</u>			Straddle _____
(G) Final Shut-In Pressure		<u>840</u>			Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1658</u>			Shale Packer _____

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Approved By _____

Our Representative J. Mc Leman *Thank you!*

Initial Opening 15
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 90
 T-On Location 23:30
 T-Started 00:10
 T-Open 1:56
 T-Pulled 5:11
 T-Out 6:38

Test 1,000.00
 Jars _____
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 150 + 187.50
 Sub Total: 1187.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

