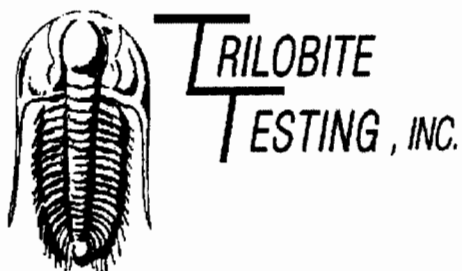


ORIGINAL



DRILL STEM TEST REPORT

Prepared For: **Elysium Energy LLC**

1625 Broadway
Suite 2000
Denver Co 80202

ATTN: Jim Annable

32-11s-17w Ellis

Kessler #5

Start Date: 2002.11.07 @ 17:57:53

End Date: 2002.11.08 @ 00:36:52

Job Ticket #: 16700 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

99465
ORIGINAL**TRILOBITE
TESTING, INC.****DRILL STEM TEST REPORT**

Blysium Energy LLC

1625 Broadway
Suite 2000
Denver Co 80202
ATTN: Jim Annable**Kessler #5****32-11s-17w Ellis**

Job Ticket: 16700

DST#: 1

Test Start: 2002.11.07 @ 17:57:53

GENERAL INFORMATION:Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:22

Time Test Ended: 00:36:52

Test Type: Conventional Straddle

Tester: Ray Schwager

Unit No: 16

Interval: **3397.00 ft (KB) To 3445.00 ft (KB) (TVD)**

Total Depth: 3669.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2116.00 ft (KB)

2107.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 3024**Inside**

Press@RunDepth: 23.90 psig @ 3400.01 ft (KB)

Start Date: 2002.11.07

End Date:

2002.11.08

Start Time: 17:57:53

End Time:

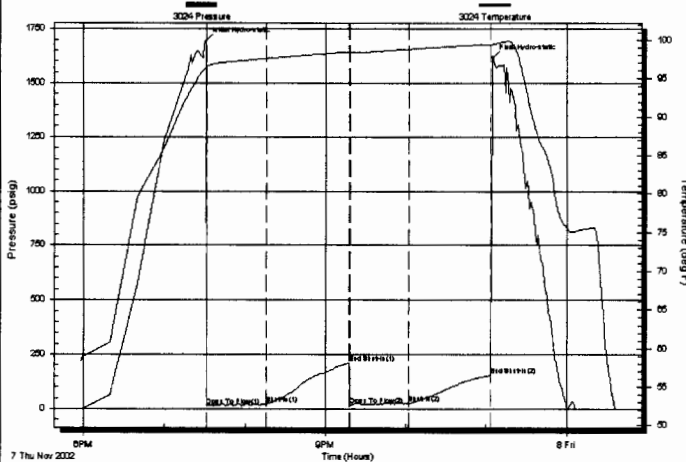
00:36:52

Capacity: 7000.00 psig

Last Calib.: 2002.11.08

Time On Btm: 2002.11.07 @ 19:30:52

Time Off Btm: 2002.11.07 @ 23:04:52

TEST COMMENT: IFP-w k bl thru-out 1/4" to 1 1/2" bl
FFP-w k bl thru-out 1/4" bl
Times 45-60-45-60**Pressure vs. Time****PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1693.09	96.36	Initial Hydro-static
1	14.26	96.49	Open To Flow (1)
45	22.65	97.57	Shut-In(1)
107	211.33	98.43	End Shut-In(1)
108	17.39	98.45	Open To Flow (2)
152	23.90	98.80	Shut-In(2)
213	153.23	99.43	End Shut-In(2)
214	1614.96	99.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 1%oil 99%mud	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		TOOL DIAGRAM
	Elysium Energy LLC 1625 Broadway Suite 2000 Denver Co 80202 ATTN: Jim Annable		Kessler #5 32-11s-17w Ellis Job Ticket: 16700 DST#:1 Test Start: 2002.11.07 @ 17:57:53

Tool Information			
Drill Pipe:	Length: 3383.00 ft	Diameter: 3.80 inches	Volume: 47.45 bbl
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl
		Total Volume: 47.45 bbl	
Drill Pipe Above KB:	7.00 ft		
Depth to Top Packer:	3397.00 ft		
Depth to Bottom Packer:	3445.02 ft		
Interval between Packers:	48.02 ft		
Tool Length:	299.03 ft		
Number of Packers:	3	Diameter:	6.75 inches
Tool Comments:			

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3377.00		
Shut In Tool	5.00			3382.00		
Hydraulic tool	5.00			3387.00		
Packer	5.00			3392.00	21.00	Bottom Of Top Packer
Packer	5.00			3397.00		
Stubb	1.00			3398.00		
Perforations	1.00			3399.00		
Change Over Sub	1.00			3400.00		
Recorder	0.01	3024	Inside	3400.01		
Blank Spacing	31.00			3431.01		
Change Over Sub	1.00			3432.01		
Perforations	10.00			3442.01		
Recorder	0.01	11085	Outside	3442.02		
Blank Off Sub	1.00			3443.02		
Blank Spacing	2.00			3445.02	48.02	Tool Interval
Packer	5.00			3450.02		
Stubb	1.00			3451.02		
Perforations	1.00			3452.02		
Change Over Sub	1.00			3453.02		
Blank Spacing	218.00			3671.02		
Recorder	0.01	13547	Below	3671.03		
Change Over Sub	1.00			3672.03		
Bullnose	3.00			3675.03	230.01	Bottom Packers & Anchor
Total Tool Length:		299.03				

99465


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Elysium Energy LLC

Kessler #5

1625 Broadway

32-11s-17w Ellis

Suite 2000

Job Ticket: 16700

DST#: 1

Denver Co 80202

Test Start: 2002.11.07 @ 17:57:53

ATTN: Jim Annable

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 1%oil 99%mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

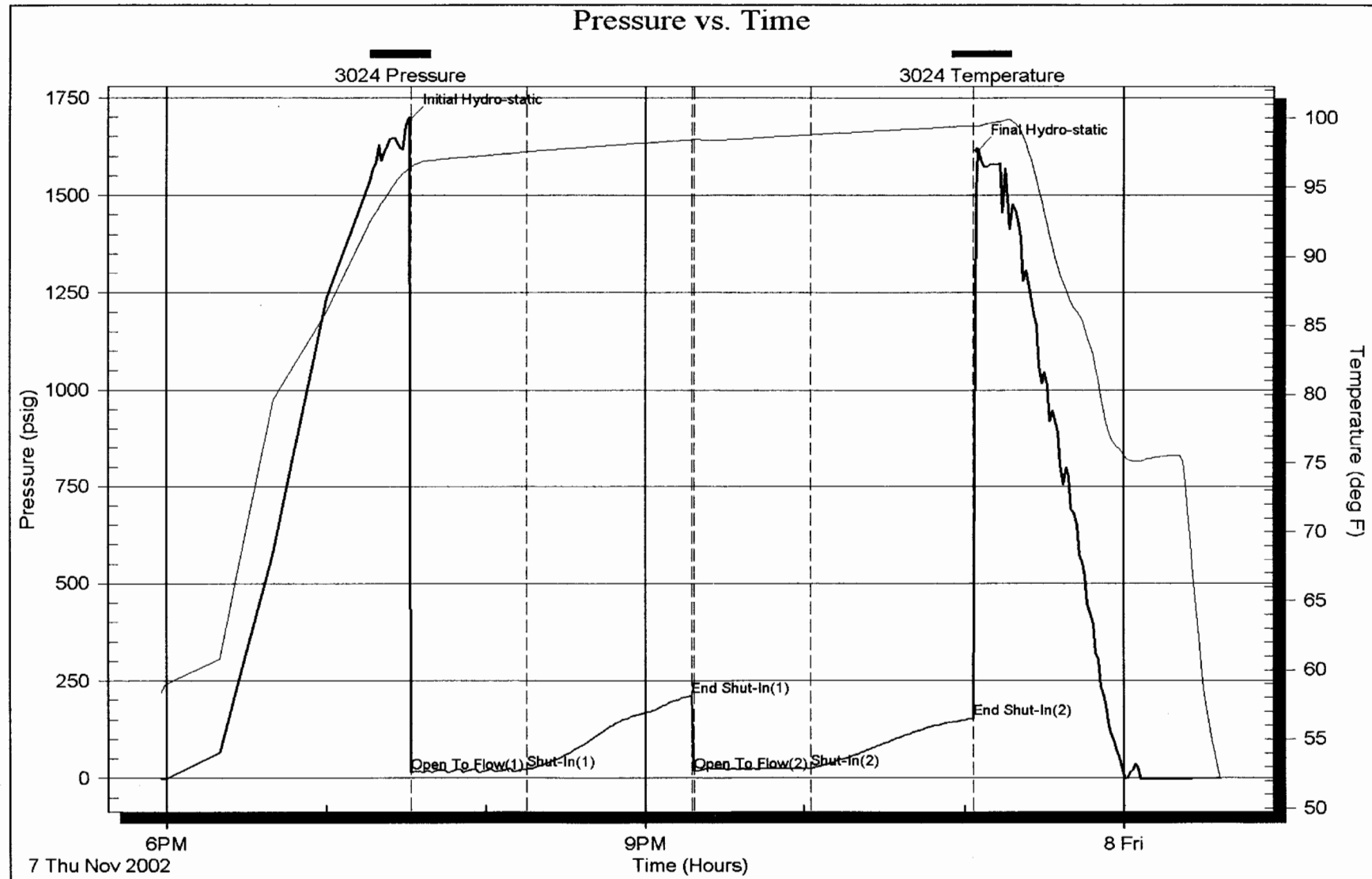
Recovery Comments: 6 1/2 # LCM

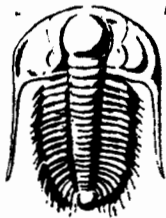
Serial #: 3024

Inside Bysium Energy LLC

32-11s-17w Ellis

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV #5229
\$1269.00

No 16700

Test Ticket

Well Name & No. <u>Kessler #5</u>	Test No. <u>1</u>	Date <u>11-7-02</u>
Company <u>Elysium Energy, Inc</u>	Zone Tested <u>LKC</u>	
Address <u>11625 Broadway, Suite 2000 Denver, Co 80202</u> Elevation <u>2116</u> KB <u>2107</u> GL		
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Discovery rig 1</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>32</u> Twp. <u>11^s</u> Rge. <u>17^w</u>	Co. <u>Ellis</u>	State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>-</u>	Turnkey (Y, N) <u>-</u> Evaluation (Y, N) <u>-</u>

Interval Tested <u>3397-3445</u>	Initial Str Wt./Lbs. <u>43000</u>	Unseated Str Wt./Lbs. <u>43000</u>
Anchor Length <u>48</u>	Wt. Set Lbs. <u>25000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3397-3392</u>	Tool Weight <u>2700</u>	
Bottom Packer Depth <u>3445</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3669</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>-</u>
Mud Wt. <u>9.1</u> LCM <u>6 1/2</u> # Vis. <u>59</u> WL <u>2.2</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3383</u>
Blow Description <u>IFP - WEAK Blow Throughout 1/4" To 1 1/2" Blow</u>		
<u>FFP - WEAK Blow Throughout 1/4" Blow</u>		
<u>NO Blow on shut-in</u>		

Recovery — Total Feet <u>30</u>	GIP <u>-</u>	Ft. in DC <u>-</u>	Ft. in DP <u>30</u>
Rec. <u>30</u>	Feet Of <u>50 CM</u>	%gas <u>1</u> %oil <u>-</u>	%water <u>99</u> %mud <u>-</u>
Rec. <u>-</u>	Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u>	Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u>	Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u>	Feet Of <u>-</u>	%gas <u>-</u> %oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
BHT <u>99</u>	°F Gravity <u>-</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>-</u> °API <u>-</u>
RW <u>-</u> @ <u>-</u>	°F Chlorides <u>-</u>	ppm Recovery <u>-</u>	Chlorides <u>2500</u> ppm System <u>-</u>

(A) Initial Hydrostatic Mud	AK-1 <u>1633</u>	Alpine PSI Recorder No. <u>3024</u>	T-On Location <u>1630</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI (depth) <u>3400</u>	T-Started <u>1757</u>
(C) First Final Flow Pressure	<u>22</u>	PSI Recorder No. <u>085</u>	T-Open <u>1930</u>
(D) Initial Shut-In Pressure	<u>211</u>	PSI <u>442</u>	T-Pulled <u>2300</u>
(E) Second Initial Flow Pressure	<u>17</u>	PSI Recorder No. <u>13547</u>	T-Out <u>0030</u>
(F) Second Final Flow Pressure	<u>23</u>	PSI (depth) <u>3666</u>	T-Off Location <u>0130</u>
(G) Final Shut-in Pressure	<u>153</u>	PSI Initial Opening <u>45</u>	Test <u>✓</u> <u>700</u>
(Q) Final Hydrostatic Mud	<u>1613</u>	PSI Initial Shut-in <u>60</u>	Jars <u>-</u>
		Final Flow <u>45</u>	Safety Joint <u>-</u>
		Final Shut-in <u>60</u>	Straddle <u>✓</u> <u>250</u>

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Approved By -

Our Representative Ray Schwager Thank you

Circ. Sub -
 Sampler -
 Extra Packer ✓ 150
 Elec. Rec. ✓ 150
 Mileage ✓ 19 19
 Other -
 TOTAL PRICE \$ ✓ \$1269

CHART PAGE

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

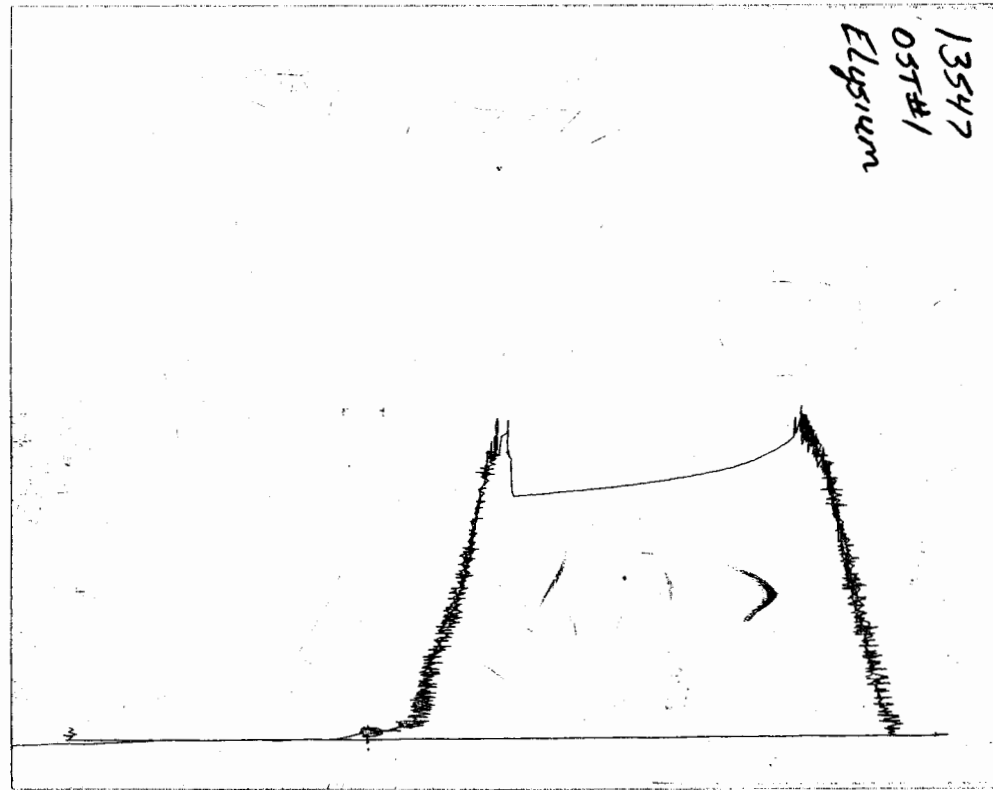


CHART PAGE

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

