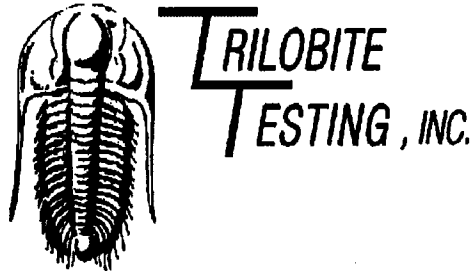


and



DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, Inc.**

100 S. Main, Ste. 420
Wichita, KS 67202

ATTN: Tim Hellman/Joe Baker

14-29s-15w Pratt KS

Brenner # 1

Start Date: 2010.02.01 @ 04:16:29

End Date: 2010.02.01 @ 14:14:59

Job Ticket #: 35669 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
JUN 03 2010
KCC WICHITA

Lotus Operating Company, Inc.

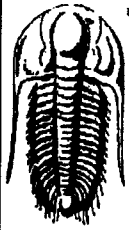
Brenner # 1

14-29s-15w Pratt KS

DST # 1

Lansing B&C

2010.02.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35669

DST#: 1

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.01 @ 04:16:29

GENERAL INFORMATION:

Formation: **Lansing B&C**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 07:07:59

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Time Test Ended: 14:14:59

Unit No: **45**

Interval: **4034.00 ft (KB) To 4103.00 ft (KB) (TVD)**

Reference Elevations: **1977.00 ft (KB)**

Total Depth: **4103.00 ft (KB) (TVD)**

1964.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **13.00 ft**

Serial #: 6798

Outside

Press@RunDepth: **422.39 psig @ 4035.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.02.01**

End Date:

2010.02.01

Last Calib.:

2010.02.01

Start Time: **04:16:30**

End Time:

14:14:59

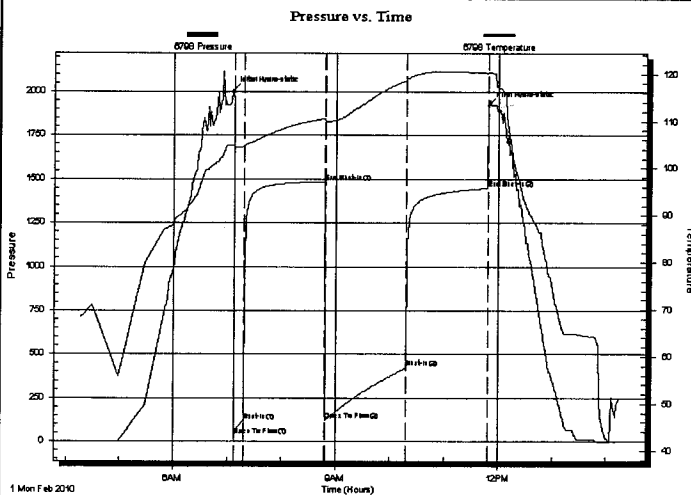
Time On Btm:

2010.02.01 @ 07:05:29

Time Off Btm:

2010.02.01 @ 11:48:59

TEST COMMENT: IF: Strong blow . B.O.B. in 8 mins.
IS: No blow .
FF: Fair blow . B.O.B. in 11 mins.
FS: No blow .



PRESSURE SUMMARY

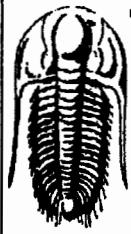
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.15	104.83	Initial Hydro-static
3	34.15	104.03	Open To Flow (1)
13	118.77	104.54	Shut-In(1)
102	1483.97	110.53	End Shut-In(1)
104	120.43	109.95	Open To Flow (2)
192	422.39	118.70	Shut-In(2)
283	1448.95	120.23	End Shut-In(2)
284	1921.05	120.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	WCM 25%w 75%m	2.41
550.00	SMCW 90%w 10%m	7.72
0.00	RW = .095 @ 60 deg.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35669

DST#: 1

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.01 @ 04:16:29

Tool Information

Drill Pipe:	Length: 3905.00 ft	Diameter: 3.80 inches	Volume: 54.78 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 55.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4034.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4016.00	
Hydraulic tool	5.00			4021.00	
Safety Joint	3.00			4024.00	
Packer	5.00			4029.00	23.00 Bottom Of Top Packer
Packer	5.00			4034.00	
Stubb	1.00			4035.00	
Recorder	0.00	6798	Outside	4035.00	
Recorder	0.00	8367	Inside	4035.00	
Perforations	5.00			4040.00	
Change Over Sub	1.00			4041.00	
Blank Spacing	31.00			4072.00	
Change Over Sub	1.00			4073.00	
Perforations	27.00			4100.00	
Bullnose	3.00			4103.00	69.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35669

DST#: 1

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.01 @ 04:16:29

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:

97000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	WCM 25%w 75%m	2.414
550.00	SMCW 90%w 10%m	7.715
0.00	RW = .095 @ 60 deg.	0.000

Total Length: 800.00 ft

Total Volume: 10.129 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

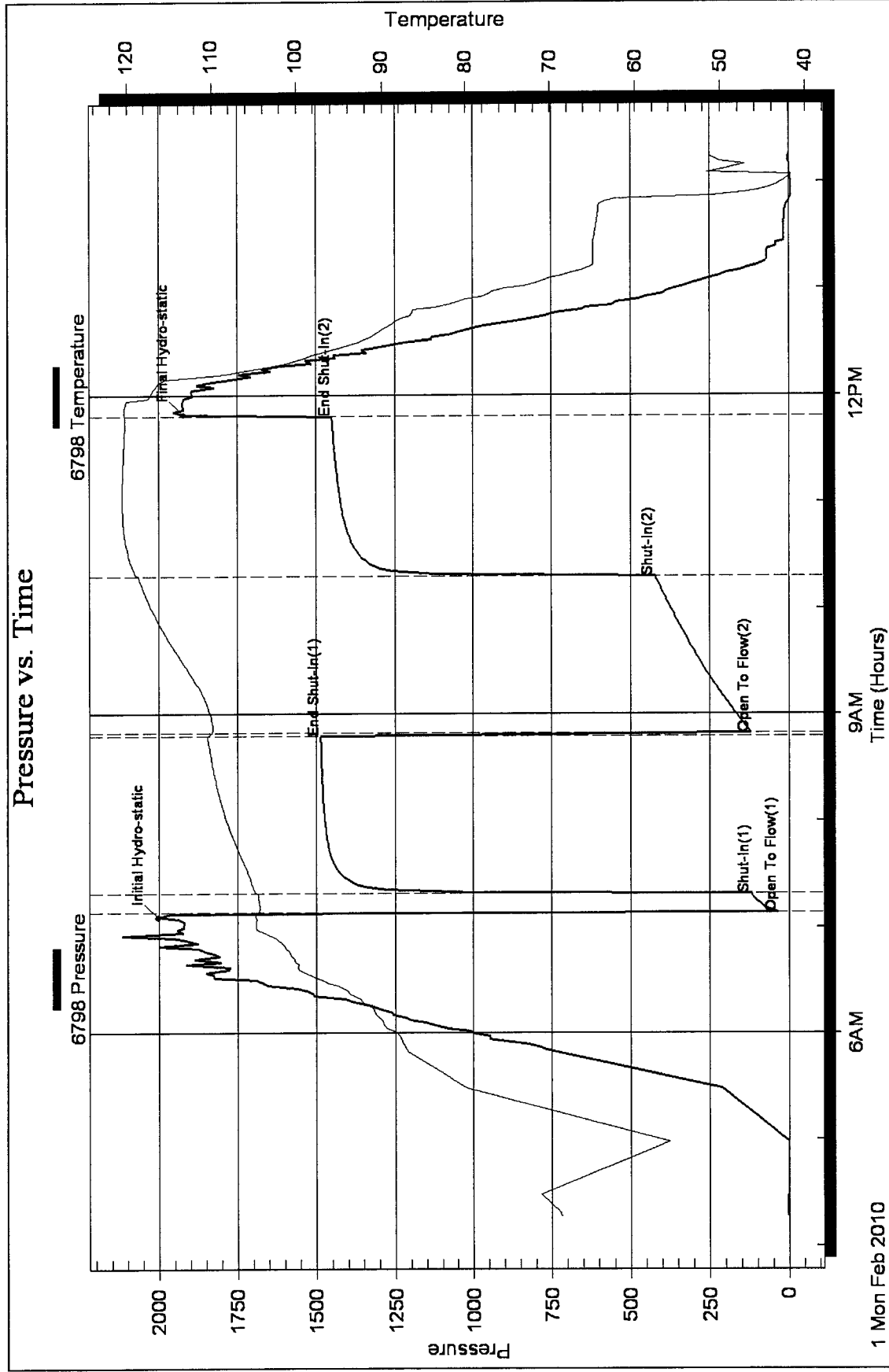
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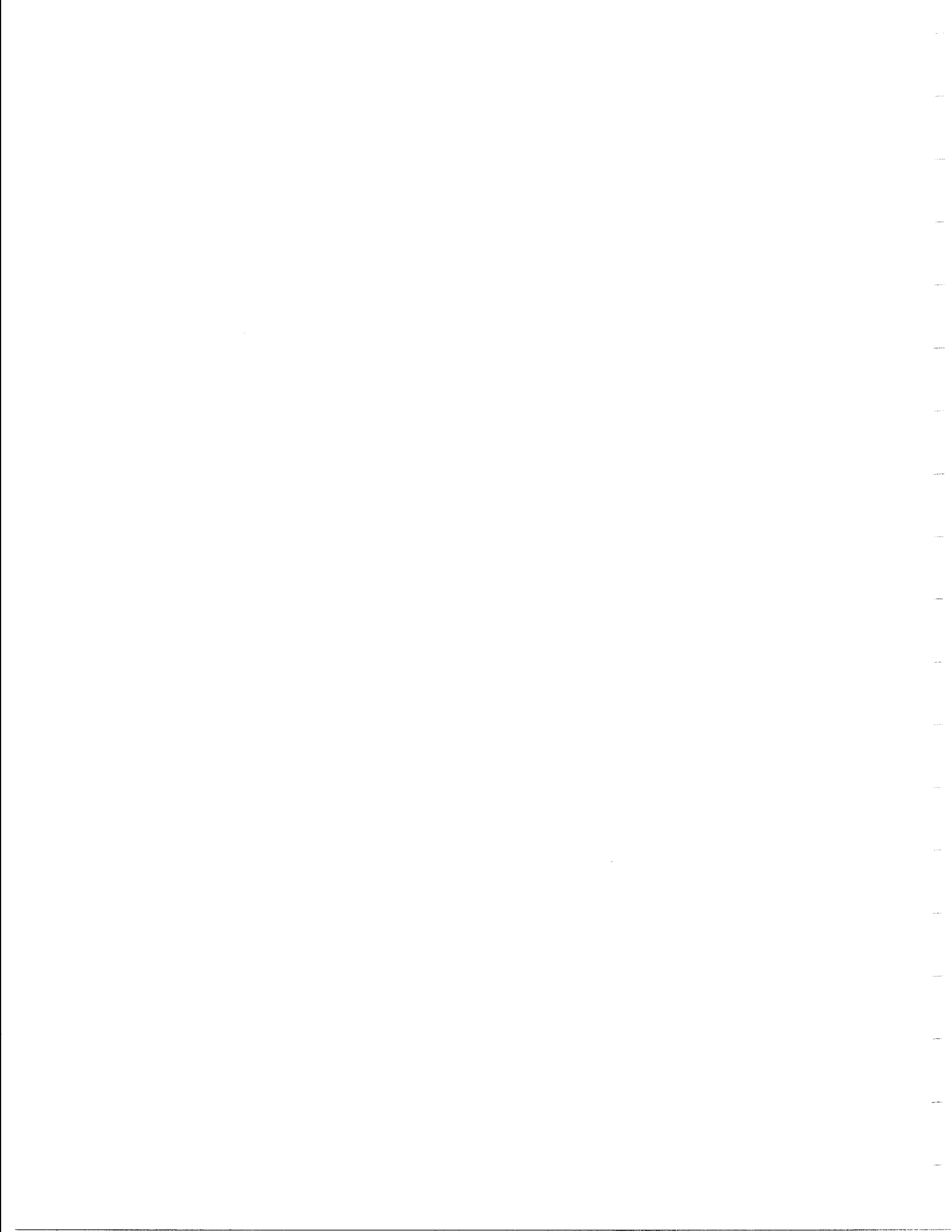
Laboratory Name:

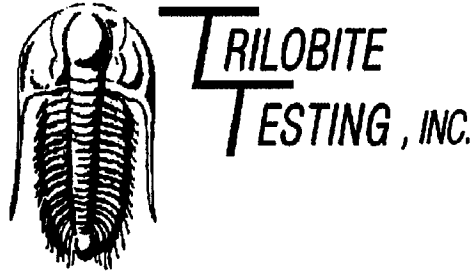
Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, Inc.**

100 S. Main, Ste. 420
Wichita, KS 67202

ATTN: Tim Hellman/Joe Baker

14-29s-15w Pratt KS

Brenner # 1

Start Date: 2010.02.02 @ 19:13:28

End Date: 2010.02.03 @ 05:54:58

Job Ticket #: 35670 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35670

DST#: 2

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.02 @ 19:13:28

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:58

Time Test Ended: 05:54:58

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **4414.00 ft (KB) To 4492.00 ft (KB) (TVD)**

Reference Elevations: 1977.00 ft (KB)

Total Depth: 4492.00 ft (KB) (TVD)

1964.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6798 Outside

Press@RunDepth: 188.40 psig @ 4415.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.02.02

End Date:

2010.02.03

Last Calib.: 2010.02.03

Start Time: 19:13:29

End Time:

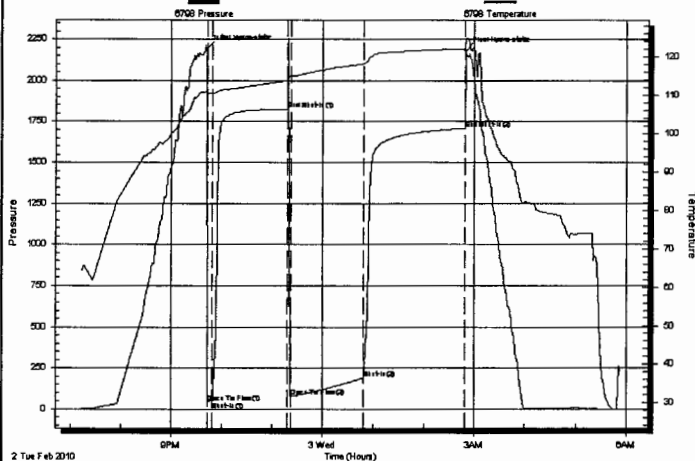
05:54:58

Time On Btm: 2010.02.02 @ 21:41:28

Time Off Btm: 2010.02.03 @ 02:48:58

TEST COMMENT: IF: Strong blow . B.O.B. in 1 1/2 mins.
IS: Weak blow . Built to 1/4".
FF: Strong blow . B.O.B. immediately. GTS in 39 mins. (see gas flow report.)
FSI: Strong blow . B.O.B. in 2 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2191.75	111.02	Initial Hydro-static
2	41.35	110.44	Open To Flow (1)
7	48.19	110.45	Shut-In(1)
97	1825.93	113.84	End Shut-In(1)
101	78.17	114.88	Open To Flow (2)
187	188.40	118.11	Shut-In(2)
307	1708.50	122.11	End Shut-In(2)
308	2183.81	124.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
174.00	Clean Gsy Oil 5%g 95%o	1.35
316.00	HMC Gsy Oil 35%g 45%o 20%m	4.43
0.00	3911' GIP	0.00
0.00	Grav. = 34 API @ 30 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.14
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.00	8.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35670

DST#: 2

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.02 @ 19:13:28

Tool Information

Drill Pipe:	Length: 4281.00 ft	Diameter: 3.80 inches	Volume: 60.05 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4414.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4396.00	
Hydraulic tool	5.00			4401.00	
Safety Joint	3.00			4404.00	
Packer	5.00			4409.00	23.00 Bottom Of Top Packer
Packer	5.00			4414.00	
Stubb	1.00			4415.00	
Recorder	0.00	6798	Outside	4415.00	
Recorder	0.00	8367	Inside	4415.00	
Perforations	5.00			4420.00	
Change Over Sub	1.00			4421.00	
Blank Spacing	62.00			4483.00	
Change Over Sub	1.00			4484.00	
Perforations	5.00			4489.00	
Bullnose	3.00			4492.00	78.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35670

DST#: 2

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.02 @ 19:13:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
174.00	Clean Gsy Oil 5%g 95%o	1.348
316.00	HMC Gsy Oil 35%g 45%o 20%m	4.433
0.00	3911' GIP	0.000
0.00	Grav. = 34 API @ 30 deg.	0.000

Total Length: 490.00 ft

Total Volume: 5.781 bbl

Num Fluid Samples: 0

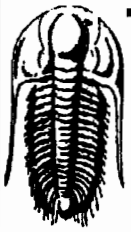
Num Gas Bombs: 1

Serial #: GA-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35670

DST#: 2

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.02 @ 19:13:28

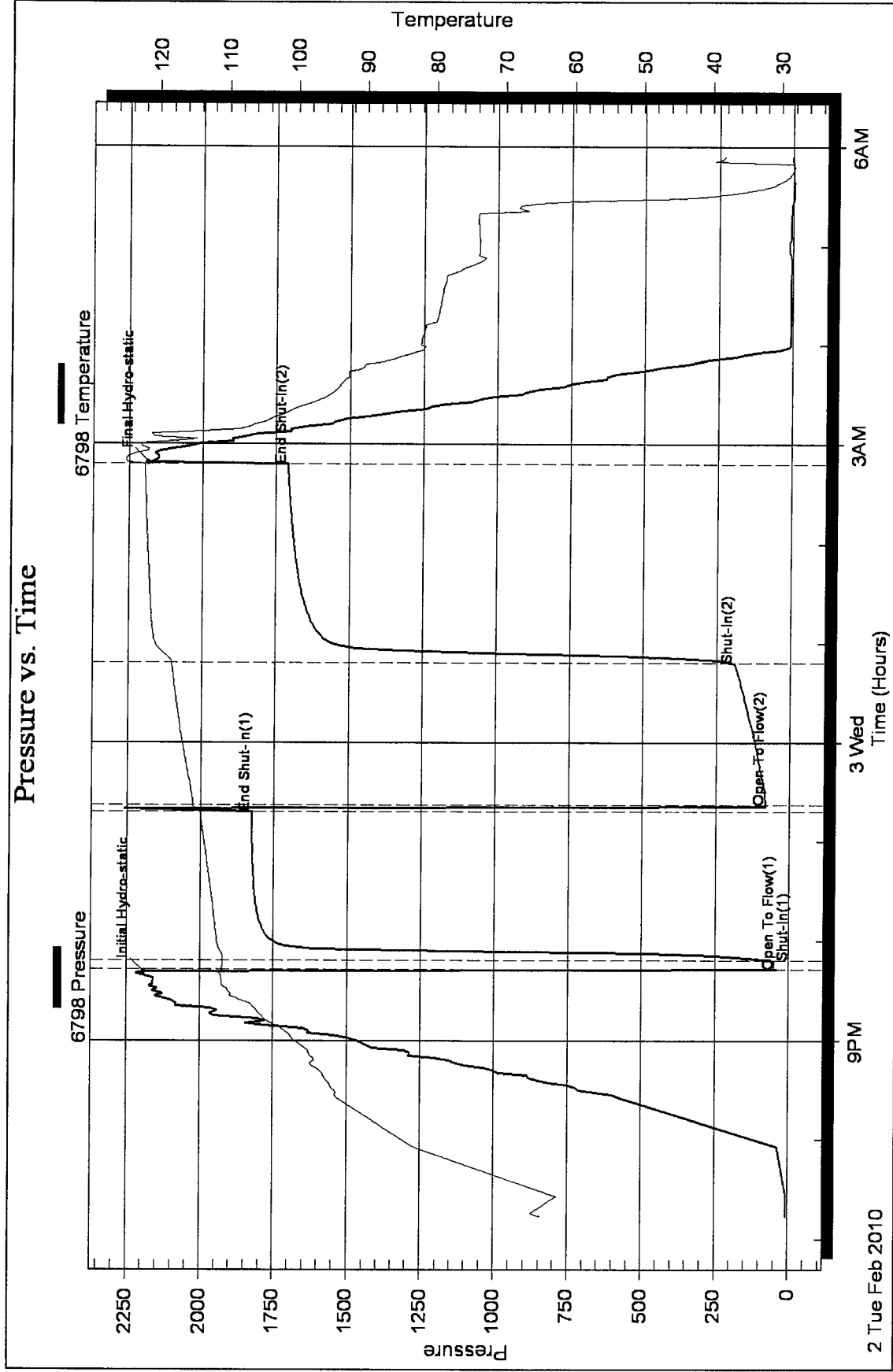
Gas Rates Information

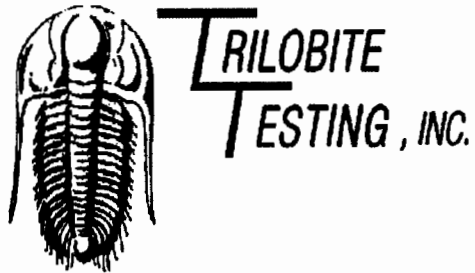
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	50	0.13	2.00	6.14
2	50	0.13	2.00	6.14
2	60	0.13	4.00	6.89
2	70	0.13	5.75	7.54
2	80	0.13	7.00	8.01

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Company, Inc.**

100 S. Main, Ste. 420
Wichita, KS 67202

ATTN: Tim Hellman/Joe Baker

14-29s-15w Pratt KS

Brenner # 1

Start Date: 2010.02.03 @ 18:31:05

End Date: 2010.02.04 @ 01:58:05

Job Ticket #: 35671 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Lotus Operating Company, Inc.

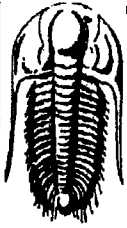
Brenner # 1

14-29s-15w Pratt KS

DST # 3

Viola

2010.02.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lotus Operating Company, Inc.

100 S. Main, Ste. 420
Wichita, KS 67202

ATTN: Tim Hellman/Joe Baker

Brenner # 1

14-29s-15w Pratt KS

Job Ticket: 35671

DST#: 3

Test Start: 2010.02.03 @ 18:31:05

GENERAL INFORMATION:

Formation: **Viola**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 21:05:35

Time Test Ended: 01:58:05

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **45**

Interval: **4500.00 ft (KB) To 4601.00 ft (KB) (TVD)**

Total Depth: **4601.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1977.00 ft (KB)**

1964.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: 6798

Outside

Press@RunDepth: **36.07 psig @ 4507.00 ft (KB)**

Start Date: **2010.02.03**

End Date:

2010.02.04

Start Time: **18:31:06**

End Time:

01:58:05

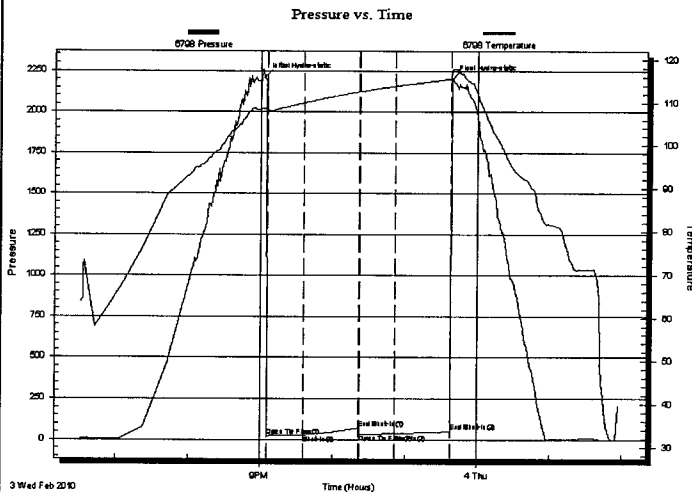
Capacity: **8000.00 psig**

Last Calib.: **2010.02.04**

Time On Btm: **2010.02.03 @ 21:03:35**

Time Off Btm: **2010.02.03 @ 23:39:05**

TEST COMMENT: IF:Weak blow . Built to 1 1/2".
IS:No blow .
FF:No blow .
FS:No blow .



PRESSURE SUMMARY

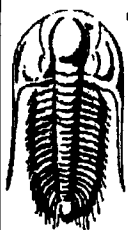
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.35	108.49	Initial Hydro-static
2	23.82	108.07	Open To Flow (1)
32	28.67	109.88	Shut-In(1)
78	70.99	112.52	End Shut-In(1)
79	33.26	112.54	Open To Flow (2)
108	36.07	113.81	Shut-In(2)
155	50.01	115.55	End Shut-In(2)
156	2198.18	117.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud w/oil specs. 100%m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35671

DST#: 3

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.03 @ 18:31:05

Tool Information

Drill Pipe:	Length: 4377.00 ft	Diameter: 3.80 inches	Volume: 61.40 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4500.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	124.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4482.00	
Hydraulic tool	5.00			4487.00	
Safety Joint	3.00			4490.00	
Packer	5.00			4495.00	23.00 Bottom Of Top Packer
Packer	5.00			4500.00	
Stubb	1.00			4501.00	
Perforations	5.00			4506.00	
Change Over Sub	1.00			4507.00	
Recorder	0.00	6798	Outside	4507.00	
Recorder	0.00	8367	Inside	4507.00	
Blank Spacing	62.00			4569.00	
Change Over Sub	1.00			4570.00	
Perforations	28.00			4598.00	
Bullnose	3.00			4601.00	101.00 Bottom Packers & Anchor

Total Tool Length: 124.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lotus Operating Company, Inc.

Brenner # 1

100 S. Main, Ste. 420
Wichita, KS 67202

14-29s-15w Pratt KS

Job Ticket: 35671

DST#: 3

ATTN: Tim Hellman/Joe Baker

Test Start: 2010.02.03 @ 18:31:05

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud w/oil specs. 100%m	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

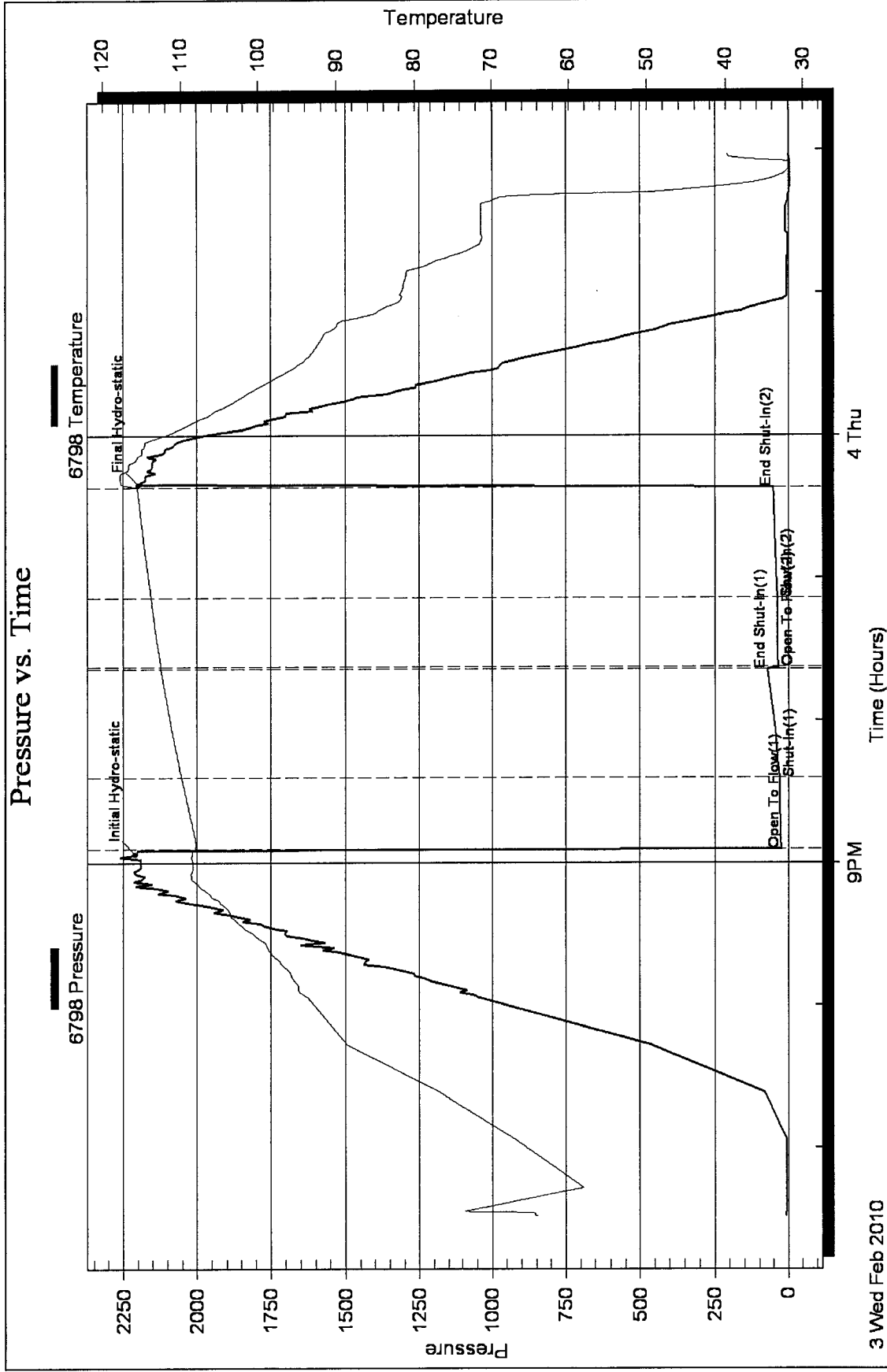
Num Gas Bombs: 0

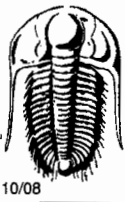
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 04 2010

Test Ticket

NO. 35669 13888

Well Name & No. Brenner #1 BY: _____ Test No. 1 Date 2-1-10
 Company Lotus Operating Company, Inc. Elevation 1975 KB 1962 GL _____
 Address 100 S. Main, Ste. 420 Wichita, Kansas 67202
 Co. Rep / Geo. Tim Hellman Rig Duke Dirig. #9
 Location: Sec. 14 Twp. 29S Rge. 15W Co. Pratt State Ks.

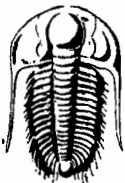
Interval Tested 4034 - 4103 Zone Tested Lansing B+C.
 Anchor Length 69' Drill Pipe Run 3905' Mud Wt. 8.7
 Top Packer Depth 4029 Drill Collars Run 120' Vis 48
 Bottom Packer Depth 4034 Wt. Pipe Run 0 WL 9.2
 Total Depth 4103 Chlorides 5,000 ppm System LCM 0
 Blow Description IF: Strong blow. B.O.B. in 8 mins.
ISI: No blow.
FF: Fair blow. B.O.B. in 11 mins.
FST: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>250</u>	<u>WCM</u>		<u>25</u>	<u>75</u>	
<u>550</u>	<u>SMCW</u>		<u>90</u>	<u>10</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 800 BHT 120 Gravity N/A API RW .095 @ 60 °F Chlorides 97,000 ppm

(A) Initial Hydrostatic 2002 Test 1150' T-On Location 0300
 (B) First Initial Flow 34 Jars _____ T-Started 0416
 (C) First Final Flow 119 Safety Joint 75' T-Open 0707
 (D) Initial Shut-In 1484 Circ Sub _____ T-Pulled 1148
 (E) Second Initial Flow 120 Hourly Standby _____ T-Out 1414
 (F) Second Final Flow 422 Mileage 416 R.T. Comments _____
 (G) Final Shut-In 1449 Sampler _____
 (H) Final Hydrostatic 1921 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 10 Day Standby _____ Sub Total 0
 Initial Shut-In 90 Accessibility _____ Total 1271'
 Final Flow 90
 Final Shut-In 90
 Sub Total 1271'

Approved By [Signature] Our Representative Jerry Adams Thank you.
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 04 2010

Test Ticket

NO. 35670

10/08

BY: _____

Well Name & No. Brenner #1 Test No. 2 Date 2-2-10
 Company Lotus Operating Company, Inc. Elevation 1977 KB 1964 GL _____
 Address 100 S. Main, Ste. 420 Wichita, Kansas 67202
 Co. Rep / Geo. Tim Hellman Rig Duke Drlg. #9
 Location: Sec. 14 Twp. 29s Rge. 15w Co. Pratt State Ks.

Interval Tested 4414-4492 Zone Tested Marmaton
 Anchor Length 78' Drill Pipe Run 4281' Mud Wt. 9.5
 Top Packer Depth 4409 Drill Collars Run 120' Vis 47
 Bottom Packer Depth 4414 Wt. Pipe Run 0 WL 9.6
 Total Depth 4492 Chlorides 6,000 ppm System LCM 0

Blow Description IF! Strong blow. B.O.B. in 1 1/2 mins.
ISI Weak blow.
FF! Strong blow. B.O.B. immediately. GTS in 39 mins. (see gas flow report.)
F5I! Strong blow. B.O.B. in 2 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>174</u>	<u>Clean Gsy Oil</u>	<u>5</u>	<u>95</u>		
<u>316</u>	<u>1200 HMC Gsy Oil</u>	<u>35</u>	<u>45</u>	<u>20</u>	
<u>0</u>	<u>3911' GTP</u>				

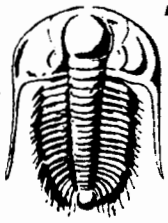
Rec Total 490 BHT 122 Gravity 37 API RW N/A @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2192 Test 1150' T-On Location 1845
 (B) First Initial Flow 41 Jars _____ T-Started 1913
 (C) First Final Flow 48 Safety Joint 75' T-Open 2142
 (D) Initial Shut-In 1826 Circ Sub _____ T-Pulled 0248
 (E) Second Initial Flow 78 Hourly Standby _____ T-Out 0554
 (F) Second Final Flow 188 Mileage 46 R.T. Comments _____
 (G) Final Shut-In 1709 Sampler _____
 (H) Final Hydrostatic 2184 Straddle _____

Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 5 Day Standby _____ Sub Total 9
 Initial Shut-In 90 Accessibility _____ Total 1271'
 Final Flow 90
 Final Shut-In 120

Approved By [Signature] Our Representative Jerry Adams Thank You.

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601 • (785) 625-4778

GAS VOLUME REPORT

Lotus Operating Company, Inc. Brenner #1

OPERATOR

WELL NAME AND NO.

2

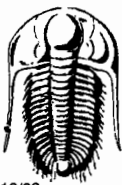
DST NO.

Initial Opening

Final Opening

Min.	Inch. of Water PSIG	Orifice Size	Initial Opening		Final Opening							
			Field mCF/D	ATMS 2000	Min.	Inch. of Water PSIG	Orifice Size	Field mCF/D	ATMS 2000			
					39	---						
					50	2 PSI	1/8"			6.5	6.138	
					60	4 PSI	1/8"			6.5	6.887	
					70	5 3/4 PSI	1/8"			7.0	7.542	
					80	7 PSI	1/8"			7.5	8.010	
					90	8 PSI	1/8"			7.9	8.384	

Remarks: Gas Did Burn.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 08 2010

Test Ticket

NO. 35671

Well Name & No. Brenner #1 BY: _____ Test No. 3 Date 2-3-10
 Company Lotus Operating Company, Inc. Elevation 1977 KB 1964 GL _____
 Address 100 S. Main, Ste. 420 Wichita, Kansas 67202
 Co. Rep / Geo. Tim Hellman / Joe Baker Rig Duke Drlg. #9
 Location: Sec: 14 Twp. 29S Rge. 15W Co. Pratt State K.S.

Interval Tested 4500-4601 Zone Tested Viola.
 Anchor Length 101' Drill Pipe Run 4377' Mud Wt. 9.3
 Top Packer Depth 4495 Drill Collars Run 120' Vis 56
 Bottom Packer Depth 4500 Wt. Pipe Run 0 WL 10.8
 Total Depth 4601 Chlorides 6,500 ppm System LCM 0
 Blow Description IF: Weak blow. Built to 1 1/2"
ISI: No blow.
FF: No blow.
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Drilling mud w/ oil specs.</u>			<u>100</u>	
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

Rec Total 15 BHT 115 Gravity N/A API RW N/A @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2209</u>	<input checked="" type="checkbox"/> Test <u>1150'</u>	T-On Location <u>1800</u>
(B) First Initial Flow <u>24</u>	<input type="checkbox"/> Jars _____	T-Started <u>1831</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2105</u>
(D) Initial Shut-In <u>71</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2338</u>
(E) Second Initial Flow <u>33</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>01:58</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>46 R.T.</u>	Comments _____
(G) Final Shut-In <u>50</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2198</u>	<input type="checkbox"/> Straddle _____	_____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1271</u>
	Sub Total <u>1271</u>	

Approved By _____

Our Representative Jerry Adams

Thank You.

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NATURAL GAS ANALYSIS REPORT
GPA 2145-09

Sampled by:
Trilobite Testing, Inc.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 785-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 620-624-5389
Fax: 620-626-7108

Lab Number: 20100460
Sample From: Brenner 1
Producer: Lotus Operating
Date:
Time:
Sampler: Jerry
Source: DST 2

Analyzed: 02/12/10
Pressure:
Temperature:
Location: 14-29-15
County: Pratt
State: Kansas
Formation: Marmaton

	Mole %	GPM
Helium	He: 0.228	0.000
Hydrogen	H2: 0.000	0.000
Oxygen	O2: 0.000	0.000
Nitrogen	N2: 13.764	0.000
Carbon Dioxide	CO2: 0.054	0.000
Methane	C1: 57.504	0.000
Ethane	C2: 8.743	3.279
Propane	C3: 9.763	3.660
Iso Butane	iC4: 2.172	0.665
Normal Butane	nC4: 4.315	1.372
Iso Pentane	iC5: 0.555	0.152
Normal Pentane	nC5: 1.318	0.365
Hexanes Plus	C6+: 1.584	0.364
TOTAL:		100.000 9.857
Z Fact:		0.9997
SP.GR.:		0.9207
BTU (SAT):		1352.3 @ 14.73 psia
BTU (DRY):		1376.3 @ 14.73 psia
OCTANE RATING:		100.8

COMMENTS:

0.000