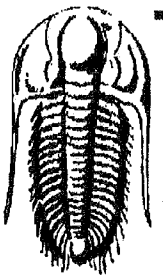
15-109-20867 6-14s-32w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mak-J Energy Kansas, LLC**

1600 N. Broadway
Suite 1740
Denver, CO 80202

ATTN: Steve Murphy

6-14s-32w Logan, KS

BH Huck Trust 6-6

Start Date: 2010.01.06 @ 11:48:00
End Date: 2010.01.06 @ 21:10:47
Job Ticket #: 37730 DST #: 1

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37730 **DST#: 1**

Test Start: 2010.01.06 @ 11:48:00

GENERAL INFORMATION:

Formation: **LKC E,F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:14:00
Time Test Ended: 21:10:47

Test Type: Conventional Bottom Hole
Tester: Chuck Smith
Unit No: 37

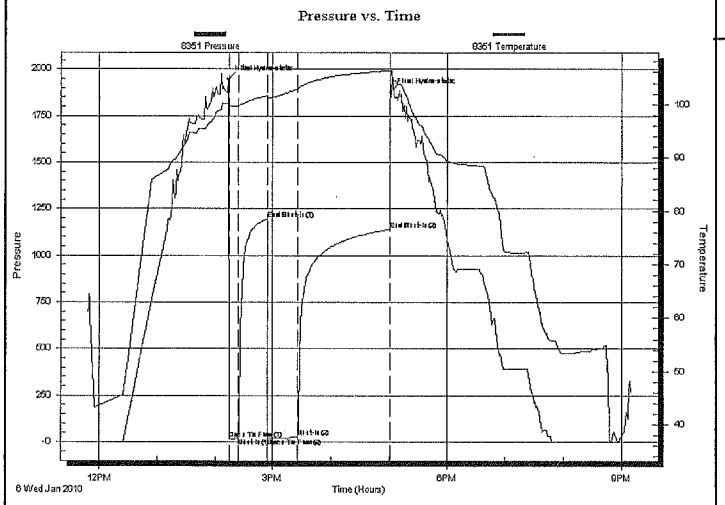
Interval: 3955.00 ft (KB) To 3980.00 ft (KB) (TVD)
Total Depth: 3980.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2895.60 ft (KB)
2888.60 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8351 **Inside**
Press@RunDepth: 24.69 psig @ 3960.00 ft (KB)
Start Date: 2010.01.06 End Date: 2010.01.06
Start Time: 11:48:01 End Time: 21:10:48

Capacity: 8000.00 psig
Last Calib.: 2010.01.06
Time On Btm: 2010.01.06 @ 14:12:48
Time Off Btm: 2010.01.06 @ 17:01:00

TEST COMMENT: IF: 3/4" Blow.
ISI: No return.
FF: No Blow.
FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.63	100.15	Initial Hydro-static
2	18.87	99.57	Open To Flow (1)
12	20.10	99.60	Shut-In(1)
42	1197.49	101.54	End Shut-In(1)
43	21.39	101.12	Open To Flow (2)
73	24.69	102.93	Shut-In(2)
168	1139.52	106.28	End Shut-In(2)
169	1876.76	106.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud with a spot of oil 100%M	0.42

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37730 **DST#: 1**

Test Start: 2010.01.06 @ 11:48:00

Tool Information

Drill Pipe:	Length:	3959.00 ft	Diameter:	3.80 inches	Volume:	55.53 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	85000.00 lb
					Total Volume:	55.53 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		31.50 ft					String Weight: Initial	74000.00 lb
Depth to Top Packer:		3955.00 ft					Final	74000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		25.00 ft						
Tool Length:		52.50 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			3928.50		
Shut In Tool	5.00			3933.50		
Hydraulic tool	5.00			3938.50		
Jars	5.00			3943.50		
Safety Joint	2.50			3946.00		
Packer	5.00			3951.00	27.50	Bottom Of Top Packer
Packer	4.00			3955.00		
Stubb	1.00			3956.00		
Perforations	4.00			3960.00		
Recorder	0.00	8351	Inside	3960.00		
Recorder	0.00	8359	Inside	3960.00		
Perforations	15.00			3975.00		
Bullnose	5.00			3980.00	25.00	Bottom Packers & Anchor
Total Tool Length:	**52.50**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37730 **DST#: 1**

Test Start: 2010.01.06 @ 11:48:00

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:	0 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	1.00 inches				

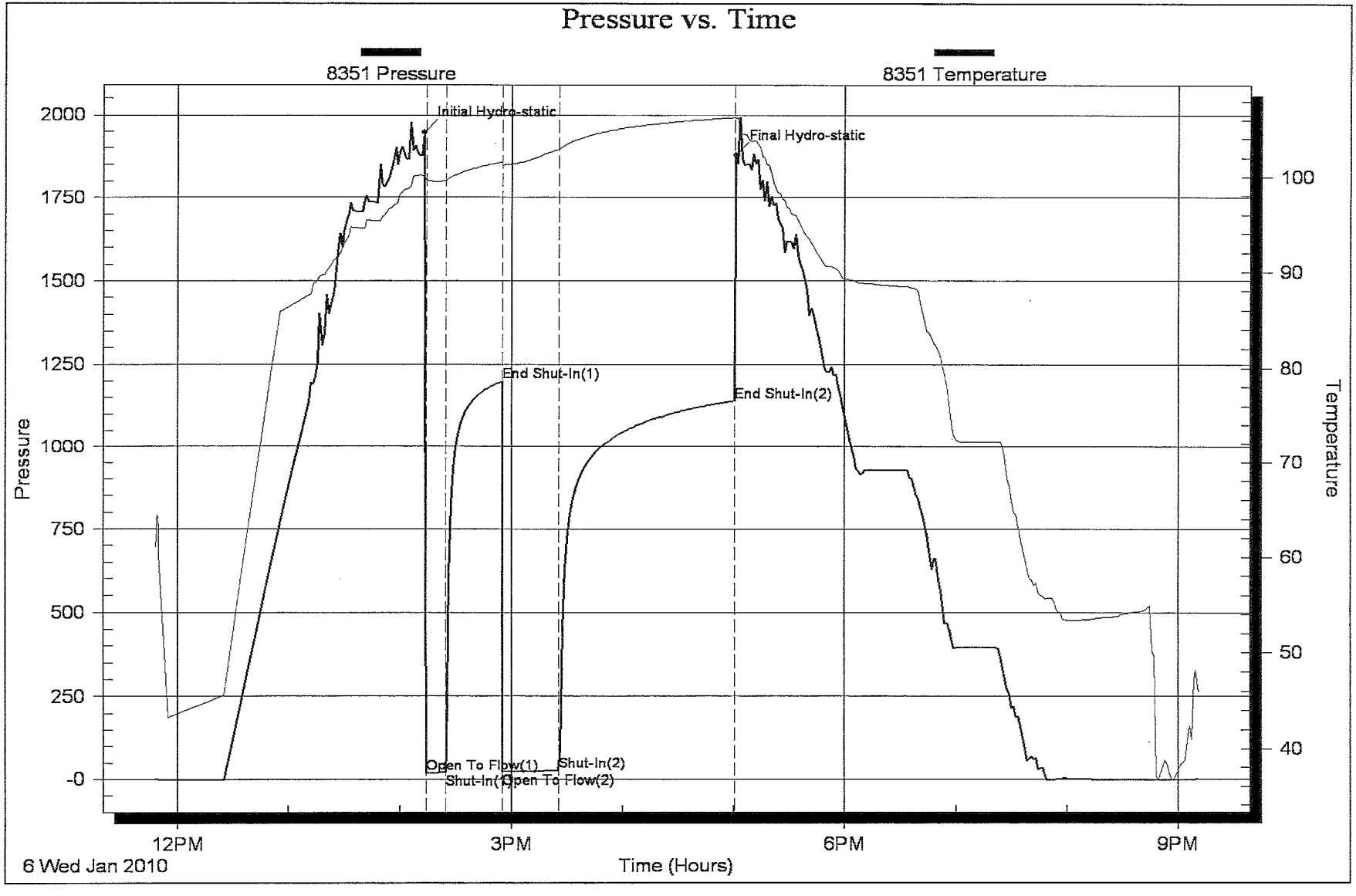
Recovery Information

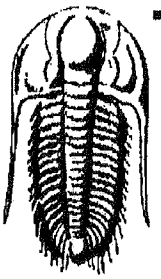
Recovery Table

Length ft	Description	Volume bbl
30.00	Mud with a spot of oil 100%M	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:


Pressure vs. Time
8351 Pressure
8351 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Shut-In(2)
Open To Flow(2)
2000
1750
1500
1250
1000
750
500
250
-0
Pressure
100
90
80
70
60
50
40
Temperature
12PM
3PM
6PM
9PM
6 Wed Jan 2010
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mak-J Energy Kansas, LLC**

1600 N. Broadway
Suite 1740
Denver, CO 80202

ATTN: Steve Murphy

6-14s-32w Logan, KS

BH Huck Trust 6-6

Start Date: 2010.01.09 @ 14:22:01
End Date: 2010.01.09 @ 21:50:12
Job Ticket #: 37922 DST #: 2

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

DRILL STEM TEST REPORT

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37922 **DST#: 2**

Test Start: 2010.01.09 @ 14:22:01

GENERAL INFORMATION:

Formation: **LKC "H & I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:35:00
Time Test Ended: 21:50:12

Test Type: Conventional Bottom Hole
Tester: Mike Roberts
Unit No: 37

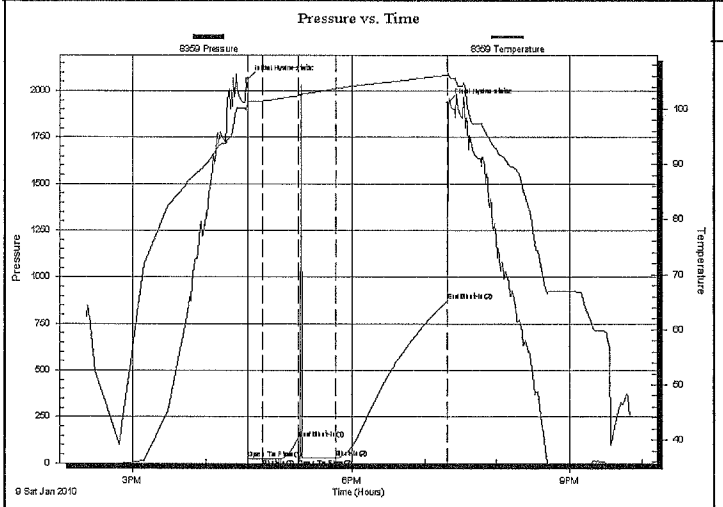
Interval: 4065.00 ft (KB) To 4100.00 ft (KB) (TVD)
Total Depth: 3980.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2895.60 ft (KB)
2888.60 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8359 **Inside**
Press@RunDepth: 29.66 psig @ 4070.00 ft (KB)
Start Date: 2010.01.09 End Date: 2010.01.09
Start Time: 14:22:01 End Time: 21:50:11

Capacity: 8000.00 psig
Last Calib.: 2010.01.09
Time On Btm: 2010.01.09 @ 16:34:48
Time Off Btm: 2010.01.09 @ 19:19:00

TEST COMMENT: IF:Surface blow died in 1 min
IS:no return
FF:no blow
FS:no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2064.18	100.84	Initial Hydro-static
1	24.55	101.01	Open To Flow (1)
12	25.18	101.48	Shut-In(1)
41	134.68	102.39	End Shut-In(1)
42	26.86	102.50	Open To Flow (2)
72	29.66	103.73	Shut-In(2)
164	871.94	106.15	End Shut-In(2)
165	1937.81	106.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% m	0.15
0.00	API=0	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37922 **DST#: 2**

Test Start: 2010.01.09 @ 14:22:01

Tool Information

Drill Pipe:	Length:	3993.00 ft	Diameter:	3.80 inches	Volume:	56.01 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	62.00 ft	Diameter:	2.25 inches	Volume:	0.30 bbl	
					Total Volume:	56.31 bbl	

Drill Pipe Above KB:	17.50 ft
Depth to Top Packer:	4065.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	35.00 ft
Tool Length:	62.50 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	45000.00 lb
Final	46000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4038.50		
Shut In Tool	5.00			4043.50		
Hydraulic tool	5.00			4048.50		
Jars	5.00			4053.50		
Safety Joint	2.50			4056.00		
Packer	5.00			4061.00	27.50	Bottom Of Top Packer
Packer	4.00			4065.00		
Stubb	1.00			4066.00		
Perforations	4.00			4070.00		
Recorder	0.00	8351	Inside	4070.00		
Recorder	0.00	8359	Inside	4070.00		
Perforations	25.00			4095.00		
Bullnose	5.00			4100.00	35.00	Bottom Packers & Anchor
Total Tool Length:	**62.50**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mak-J Energy Kansas, LLC

1600 N. Broadway
Suite 1740
Denver, CO 80202
ATTN: Steve Murphy

BH Huck Trust 6-6

6-14s-32w Logan, KS

Job Ticket: 37922 **DST#: 2**

Test Start: 2010.01.09 @ 14:22:01

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:	8.78 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5100.00 ppm				
Filter Cake:	1.00 inches				

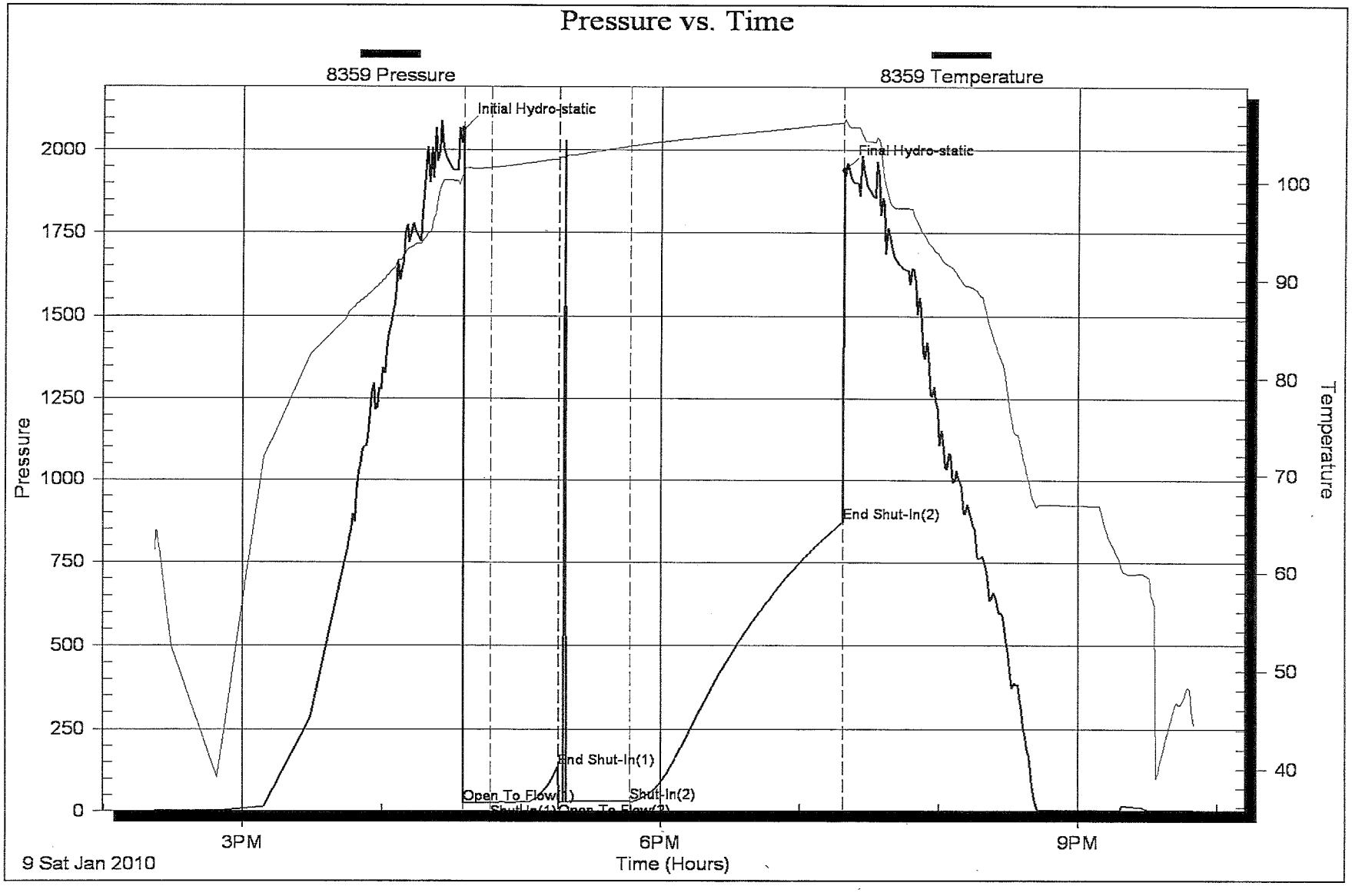
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% m	0.148
0.00	API=0	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8359 Pressure
8359 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow (1)
Shut-In(2)
Pressure
Temperature
2000
1750
1500
1250
1000
750
500
250
0
100
90
80
70
60
50
40
3PM
6PM
9PM
9 Sat Jan 2010
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED JAN 08 2010

10/08

Test Ticket NO. 37730

105790

Well Name & No. BH Huck Trust 6-6 Test No. 1 Date 1-6-10

Company Mak-J Energy Elevation 2895.6 KB 2888.6 GL

Address 1600 N. Broadway Ste. 1740 Denver, CO 80202

Co. Rep / Geo. Steve Murphy Rig American Eagle #2

Location: Sec. 6 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 3955 - 3980 Zone Tested LKC E, F

Anchor Length 25 Drill Pipe Run 3959 Mud Wt. 9.0

Top Packer Depth 3951 Drill Collars Run 0 Vis 48

Bottom Packer Depth 3955 Wt. Pipe Run 0 WL 8.0

Total Depth 3980 Chlorides 2,800 ppm System LCM 1

Blow Description IF: 3/4" Blow

ISI: No return

FF: No Blow

FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec 30	Feet of Mud w/a spot of oil	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 30 BHT 106 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	1,947	☐ Test	1000	T-On Location	10:30
(B) First Initial Flow	19	☐ Jars	250	T-Started	11:48
(C) First Final Flow	20	☐ Safety Joint	75	T-Open	14:14
(D) Initial Shut-In	1,197	☒ Circ Sub	N/C	T-Pulled	17:00
(E) Second Initial Flow	21	☐ Hourly Standby		T-Out	21:11
(F) Second Final Flow	25	☒ Mileage	66RT 66	Comments	
(G) Final Shut-In	1,140	☐ Sampler			
(H) Final Hydrostatic	1,877	☐ Straddle			
		☒ Shale Packer	250	☐ Ruined Shale Packer	
Initial Open	10	☐ Extra Packer		☐ Ruined Packer	
Initial Shut-In	30	☐ Extra Recorder		☐ Extra Copies	
Final Flow	30	☐ Day Standby		Sub Total	0
Final Shut-In	90	☐ Accessibility		Total	1691
		Sub Total	1691		

Approved By Steve Murphy Our Representative Chuck Smith

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

10/08

RECEIVED
JAN 13 2010
BY:

Test Ticket

NO. 37922

Well Name & No. BH Huck Trust 6-6 Test No. 2 Date 1-9-10

Company Mak-J-Energy Elevation 2895.6 KB 2888.6 GL

Address 1600 N. Broadway Ste 1740 Denver CO 80202

Co. Rep / Geo. Steve Murphy Rig American Eagle #2

Location: Sec. 6 Twp. 14 Rge. 32 Co. Logan State KS

Interval Tested 4065-4100 Zone Tested LKC "H & I"

Anchor Length 35' Drill Pipe Run 3993 Mud Wt. 9.3

Top Packer Depth 4061 Drill Collars Run 62 Vis 59

Bottom Packer Depth ~~4100~~ 4065 Wt. Pipe Run Ø WL 8.8

Total Depth 4100 Chlorides 5100 ppm System LCM 1

Blow Description IF: Surface blow 1 min then died

IS: No Return -

FF: No Blow - Flushed tool

FS: No Return

Rec 30	Feet of M	%gas	%oil	%water 100	%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

Rec Total 30 BHT 106 Gravity / API RW / @ / F Chlorides / ppm

(A) Initial Hydrostatic	2064	☑ Test	1150.00	T-On Location	14:22
(B) First Initial Flow	24	☑ Jars	250.00	T-Started	15:46
(C) First Final Flow	25	☑ Safety Joint	75.00	T-Open	18:00
(D) Initial Shut-In	134	☑ Circ Sub		T-Pulled	20:50
(E) Second Initial Flow	26	☐ Hourly Standby		T-Out	22:00
(F) Second Final Flow	29	☑ Mileage	66 RT = #66.00	Comments	
(G) Final Shut-In	871	☐ Sampler			
(H) Final Hydrostatic	1939	☐ Straddle			
		☑ Shale Packer	250.00	☐ Ruined Shale Packer	
Initial Open	10	☐ Extra Packer		☐ Ruined Packer	
Initial Shut-In	30	☐ Extra Recorder		☐ Extra Copies	
Final Flow	30	☐ Day Standby		Sub Total	Ø
Final Shut-In	90	☐ Accessibility		Total	1791
		Sub Total	1791		

Approved By Our Representative Mike Roberts