

34-34-20W

ICGS ✓



DRILL STEM TEST REPORT

Prepared For: **Five Star Energy**

215 E. 14th
Hays, KS 67601

ATTN: Jeff Burk

34 34 20 Comanche KS

Kuhns#4

Start Date: 2008.09.20 @ 18:29:54

End Date: 2008.09.21 @ 05:42:54

Job Ticket #: 32958 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Five Star Energy

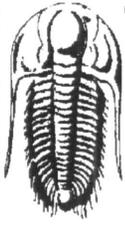
Kuhns#4

34 34 20 Comanche KS

DST # 1

Altamont

2008.09.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Five Star Energy
215 E.14th
Harper Ks.67058
ATTN: Jeff Burk

Kuhns#4
34 34 20 Comanche KS
Job Ticket: 32958 **DST#: 1**
Test Start: 2008.09.20 @ 18:29:54

GENERAL INFORMATION:

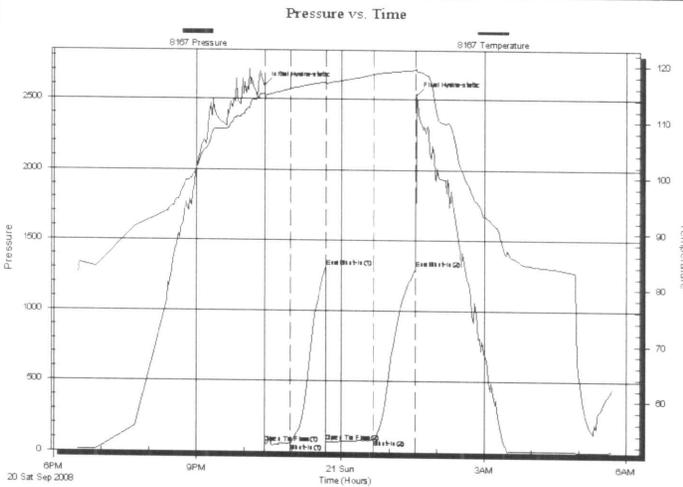
Formation: **Altamont**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:24:54
Time Test Ended: 05:42:54
Interval: **4938.00 ft (KB) To 4976.00 ft (KB) (TVD)**
Total Depth: 4976.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 39
Reference Elevations: 1737.00 ft (KB)
1723.00 ft (CF)
KB to GR/CF: 14.00 ft

Serial #: 8167

Inside

Press@RunDepth: 90.17 psig @ 4939.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.09.20 End Date: 2008.09.21 Last Calib.: 2008.09.21
Start Time: 18:29:59 End Time: 05:42:54 Time On Btm: 2008.09.20 @ 22:24:39
Time Off Btm: 2008.09.21 @ 01:34:08

TEST COMMENT: IF: Fair to strong blow. BOB in 20 mins
IS: No blow
FF: Fair blow 2 - 11".
FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2595.70	114.91	Initial Hydro-static
1	61.10	113.62	Open To Flow (1)
33	57.57	115.92	Shut-In(1)
76	1309.77	117.05	End Shut-In(1)
77	70.49	116.75	Open To Flow (2)
136	90.17	118.54	Shut-In(2)
189	1298.54	119.36	End Shut-In(2)
190	2528.01	119.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GCM w/o specs 11%g 89%m	0.74
0.00	435 ft.of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Five Star Energy

Kuhns#4

215 E.14th
Harper Ks.67058

34 34 20 Comanche KS

Job Ticket: 32958

DST#: 1

ATTN: Jeff Burk

Test Start: 2008.09.20 @ 18:29:54

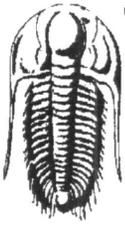
Tool Information

Drill Pipe:	Length: 4758.00 ft	Diameter: 3.80 inches	Volume: 66.74 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 88000.00 lb
			<u>Total Volume: 67.63 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4938.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 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			4911.00	
Shut In Tool	5.00			4916.00	
Hydraulic tool	5.00			4921.00	
Jars	5.00			4926.00	
Safety Joint	3.00			4929.00	
Packer	4.00			4933.00	28.00 Bottom Of Top Packer
Packer	5.00			4938.00	
Stubb	1.00			4939.00	
Recorder	0.00	8167	Inside	4939.00	
Recorder	0.00	8357	Inside	4939.00	
Perforations	32.00			4971.00	
Bullnose	5.00			4976.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Five Star Energy
215 E.14th
Harper Ks.67058
ATTN: Jeff Burk

Kuhns#4
34 34 20 Comanche KS
Job Ticket: 32958 **DST#: 1**
Test Start: 2008.09.20 @ 18:29:54

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:	7100 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.56 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7100.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GCM w/o specs 11%g 89%m	0.738
0.00	435 ft.of GIP	0.000

Total Length: 150.00 ft Total Volume: 0.738 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Five Star Energy

Kuhns#4

215 E.14th
Harper Ks.67058

34 34 20 Comanche KS

ATTN: Jeff Burk

Job Ticket: 32958

DST#: 1

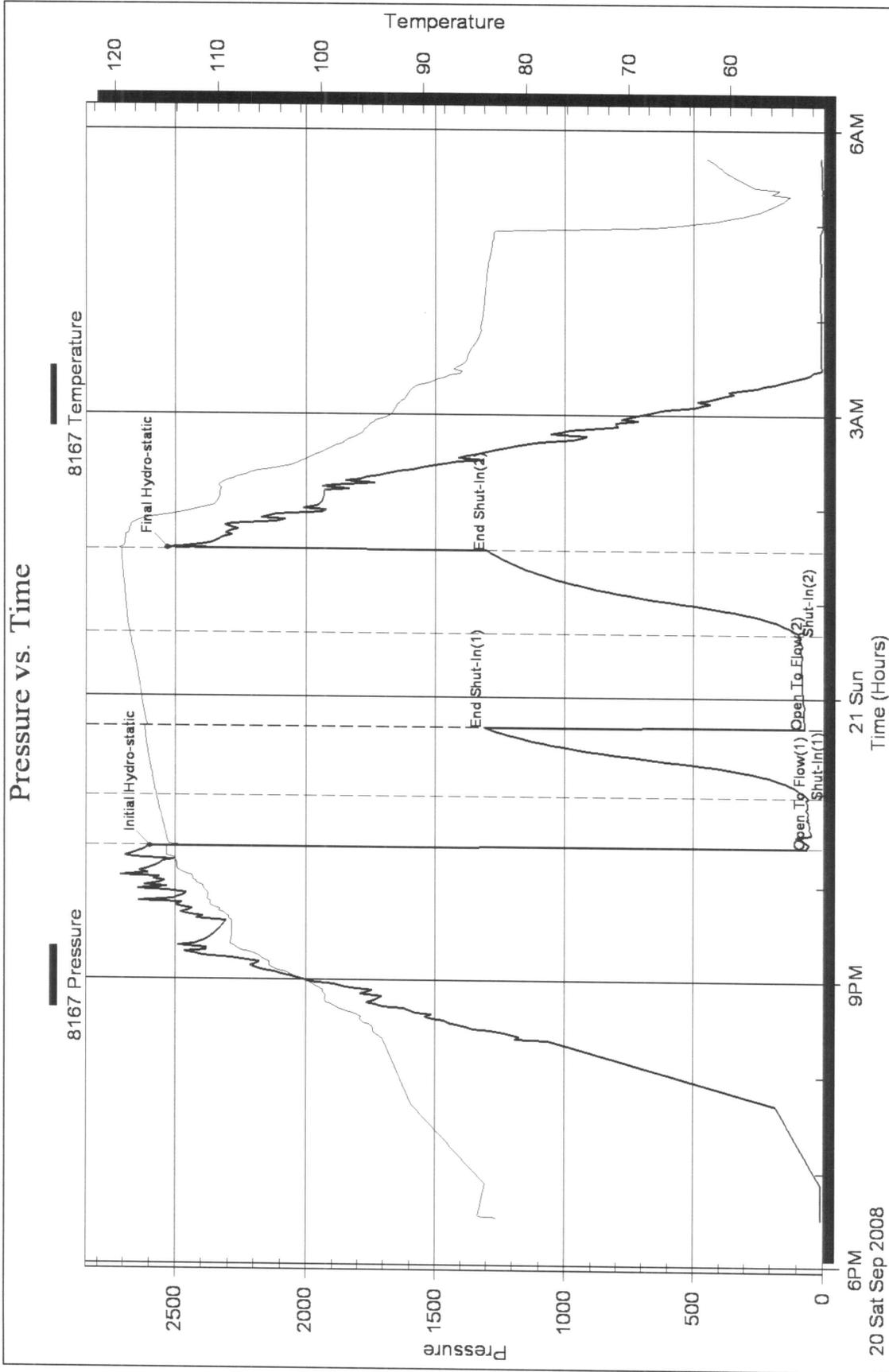
Test Start: 2008.09.20 @ 18:29:54

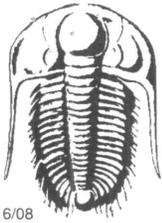
Gas Rates Information

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)
		0.00	0.00	0.00





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED 32958
SEP 29 2008

Test Ticket

BY: _____

Well Name & No. Kubans #4 Test No. 1 Date 9-20-08
 Company Five Star Energy Zone Tested Attainment
 Address 215 E. 14TH, Harper KS. 67053 Elevation 1737 KB 1723 GL
 Co. Rep / Geo. Jeff Burk Rig Warren Dwyer - # 18
 Location: Sec. 34 Twp. 34S Rge. 20W Co. Comanche State KS
 Comment: _____

Interval Tested 4938 - 4976' Drill Pipe Size 4 1/2"
 Anchor Length 38' Wt. Pipe Run 0
 Top Packer Depth 4933' Drill Collar Run 180'
 Bottom Packer Depth 4938' Ft. Run 4758'
 Total Depth 4976' Recorder #(s) 8167@4939' 8357@4939'
 Blow Description IF: Fair to strong blow. BOB. in 20 mins. ISI: No blow.

FF: Fair blow. 2-11". FSI: No blow. picked up tools 3m
9/22/08 6:10 am

Recovery - Total Feet 150 GIP 435 Ft. in DC 150 Ft. in DP 0
 Rec. 150 Feet of GCM w/o specs. %gas _____ %oil _____ %water 89 %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 119 °F Gravity N/A °API D @ _____ °F Corrected Gravity N/A °API
 RW N.C. @ _____ °F Chlorides 7100 ppm Recovery _____ Chlorides 7100 ppm System

IF <u>01-58</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	<input type="checkbox"/> Sampler _____	<input checked="" type="checkbox"/> Day Standby <u>1000'</u>
ISI <u>1310</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Accessibility _____
FF <u>70-90</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	<input checked="" type="checkbox"/> Safety Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer _____
FSI <u>1299</u>	<input type="checkbox"/> Circ Sub _____	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
T-on Loc <u>1710</u>	<input checked="" type="checkbox"/> Hourly Standby <u>23250</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
T-started <u>1829</u>	<input checked="" type="checkbox"/> Mileage <u>164</u> <u>246</u>	<input type="checkbox"/> Other _____	
T-open <u>2224</u>	Sub Total <u>2121⁰⁰</u>	Sub Total <u>250⁰⁰</u>	Sub Total <u>1000-</u>
T-pulled <u>0131</u>			Total <u>2371/1000⁰⁰</u>
T-out <u>0542</u>			

Trilobite Testing, Inc. shall not be liable for damage 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.

Approved By _____

Our Representative _____



DRILL STEM TEST REPORT

Prepared For: **Five Star Energy**

215 E. 14th
Harper Ks. 67058

ATTN: Jeff Burk

34 34 20 Comanche KS

Kuhns#4

Start Date: 2008.09.28 @ 04:42:40

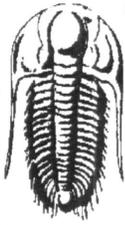
End Date: 2008.09.28 @ 15:49:40

Job Ticket #: 32912 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

Five Star Energy
215 E.14th
Harper Ks.67058
ATTN: Jeff Burk

Kuhns#4
34 34 20 Comanche KS
Job Ticket: 32912 **DST#: 2**
Test Start: 2008.09.28 @ 04:42:40

GENERAL INFORMATION:

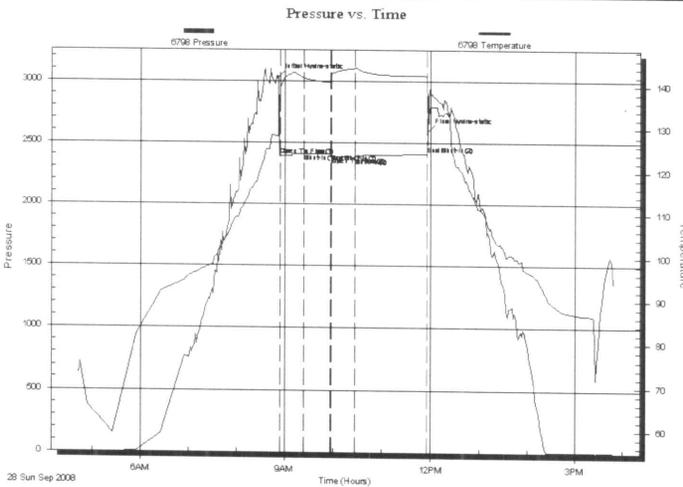
Formation: **Viola (2nd break)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:53:40
 Time Test Ended: 15:49:40
 Interval: **6141.00 ft (KB) To 6183.00 ft (KB) (TVD)**
 Total Depth: 6183.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Jerry Adams
 Unit No: 45
 Reference Elevations: 1737.00 ft (KB)
 1723.00 ft (CF)
 KB to GR/CF: 14.00 ft

Serial #: 6798

Inside

Press@RunDepth: 2376.95 psig @ 6142.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.09.28 End Date: 2008.09.28 Last Calib.: 2008.09.28
 Start Time: 04:42:41 End Time: 15:49:40 Time On Btm: 2008.09.28 @ 08:51:40
 Time Off Btm: 2008.09.28 @ 11:56:40

TEST COMMENT: IF:Very strong blow . B.O.B. immediately. GTS in 1 min. (see gas flow report.)
 IS:Strong blow . Would'nt die off.
 FF:Strong blow . B.O.B. immediately.
 FS:Fair blow . Built to 11" after 40 min bleed



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3027.43	128.23	Initial Hydro-static
2	2390.49	138.23	Open To Flow (1)
33	2405.09	141.86	Shut-In(1)
65	2408.57	140.83	End Shut-In(1)
66	2386.89	142.70	Open To Flow(2)
95	2376.95	144.04	Shut-In(2)
184	2403.64	142.32	End Shut-In(2)
185	2587.82	130.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	5955' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	250.00	7601.19
Last Gas Rate	1.00	475.00	14069.67
Max. Gas Rate	1.00	475.00	14069.67



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Five Star Energy

Kuhns#4

215 E.14th
Harper Ks.67058

34 34 20 Comanche KS

Job Ticket: 32912

DST#: 2

ATTN: Jeff Burk

Test Start: 2008.09.28 @ 04:42:40

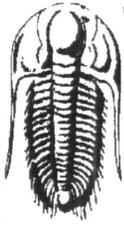
Tool Information

Drill Pipe:	Length: 5961.00 ft	Diameter: 3.80 inches	Volume: 83.62 bbl	Tool Weight: 2600.00 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 84.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	6141.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 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			6118.00	
Hydraulic tool	5.00			6123.00	
Jars	5.00			6128.00	
Safety Joint	3.00			6131.00	
Packer	5.00			6136.00	28.00 Bottom Of Top Packer
Packer	5.00			6141.00	
Stubb	1.00			6142.00	
Recorder	0.00	6798	Inside	6142.00	
Recorder	0.00	8358	Inside	6142.00	
Perforations	38.00			6180.00	
Bullnose	3.00			6183.00	42.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Five Star Energy

Kuhns#4

215 E.14th
Harper Ks.67058

34 34 20 Comanche KS

Job Ticket: 32912

DST#: 2

ATTN: Jeff Burk

Test Start: 2008.09.28 @ 04:42:40

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	5955' GIP	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

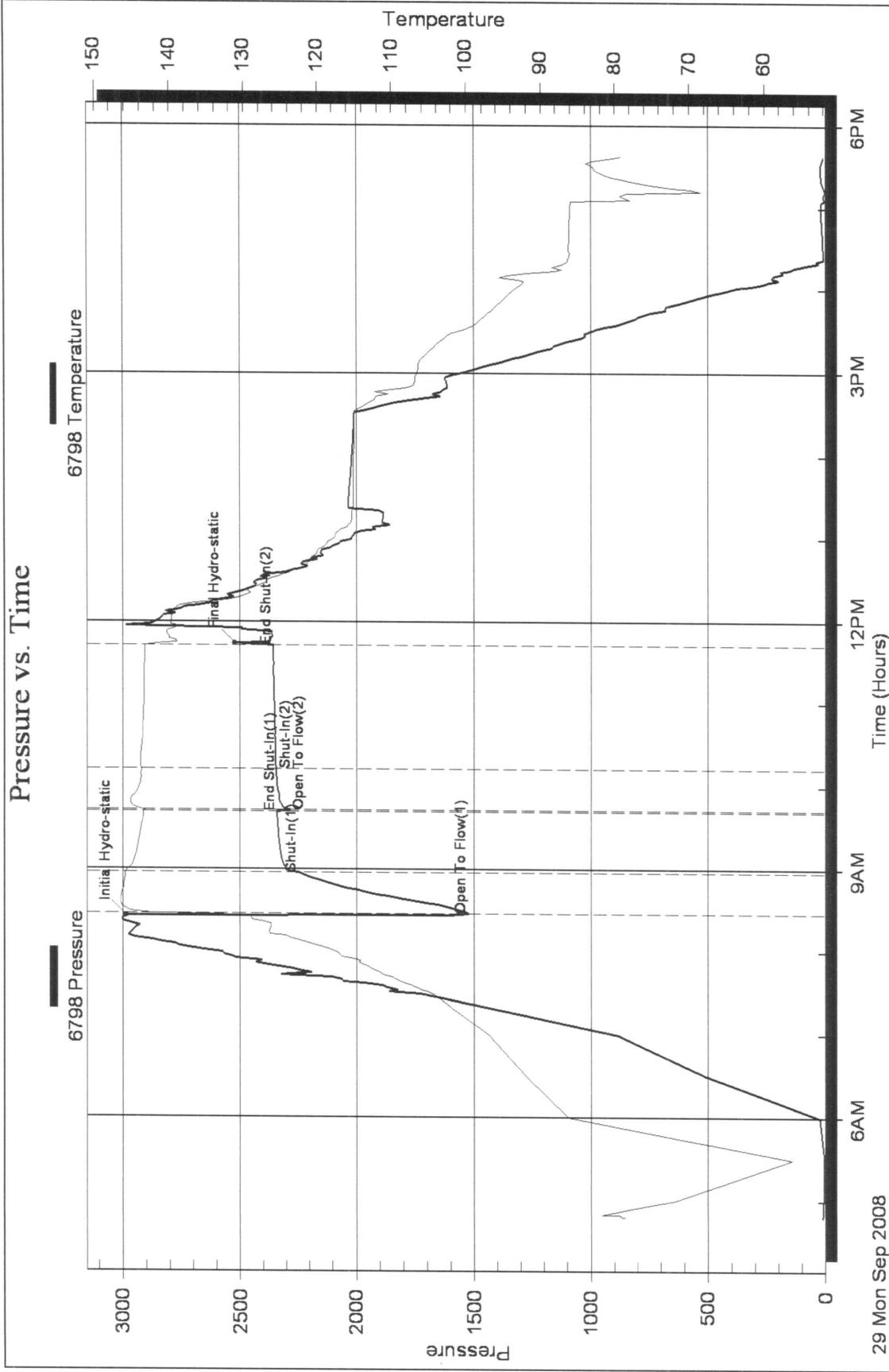
Num Gas Bombs: 1

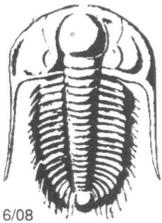
Serial #: GA-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
OCT 06 2008

32912

BY: _____

Test Ticket

Well Name & No. Kuhns # 4 Test No. 2 Date 9-28-08
 Company Five Star Energy Zone Tested Viola (2nd Break)
 Address 215 E. 14th Harper, Kansas 67058 Elevation 1737 KB 1723 GL
 Co. Rep / Geo. Jeff Burk Rig Warren Drlg. # 18
 Location: Sec. 34 Twp. 34s Rge. 20w Co. Comanche State Ks.
 Comment: _____

Interval Tested 6141-6183 Drill Pipe Size 4 1/2" XH
 Anchor Length 42 Wt. Pipe Run 0
 Top Packer Depth 6136 Drill Collar Run 183
 Bottom Packer Depth 6141 Ft. Run 5961
 Total Depth 6183 Recorder #(s) 6798(6142) 8358(6142)

Blow Description IF: Very strong blow. B.O.B. immediately. GTS in 1 min. (see gas flow report.)
ISI: Strong blow. Would not die off,
FF: Strong blow. B.O.B. immediately.
FSI: Fair blow. Built to 11" after 40 min. bleed off.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
<u>190</u>	<u>5955</u>	<u>183</u>	<u>7</u>				
Rec. <u>190</u>	Feet of <u>Drip Gas/Condensate</u>						
Rec. _____	Feet of _____						
Rec. _____	Feet of _____						
Rec. _____	Feet of _____						
Rec. _____	Feet of _____						

BHT 142 °F Gravity N/C °API D @ _____ °F Corrected Gravity _____ °API
 RW N/C @ _____ °F Chlorides 8,000 ppm Recovery _____ Chlorides 8,000 ppm System

IF <u>2390-2405</u>	<input checked="" type="checkbox"/> Test <u>1500' 12hrs</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Day Standby _____
ISI <u>2409</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Accessibility _____
FF <u>2387-2377</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	<input checked="" type="checkbox"/> Shale Packer <u>250'</u>	<input type="checkbox"/> Ruined Shale Packer _____
FSI <u>2404</u>	<input type="checkbox"/> Circ Sub _____	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
T-on Loc <u>0345</u>	<input type="checkbox"/> Hourly Standby _____	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
T-started <u>0442</u>	<input checked="" type="checkbox"/> Mileage <u>164 R.T. 246'</u>	<input type="checkbox"/> Other _____	
T-open <u>0853</u>			
T-pulled <u>1158</u>	Sub Total <u>2071'</u>	Sub Total <u>250'</u>	Sub Total _____
T-out <u>1549</u>			Total <u>2321'</u>

Trilobite Testing, Inc. shall not be liable for damage 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.

Approved By [Signature]

Thank You!
 Our Representative Jerry Adams



DRILL STEM TEST REPORT

Prepared For: **Five Star Energy**

215 E. 14th
Harper Ks.67058

ATTN: Jeff Burk

34 34 20 Comanche KS

Kuhns#4

Start Date: 2008.09.29 @ 04:47:27

End Date: 2008.09.29 @ 17:36:57

Job Ticket #: 32913 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Five Star Energy
 215 E.14th
 Harper Ks.67058
 ATTN: Jeff Burk

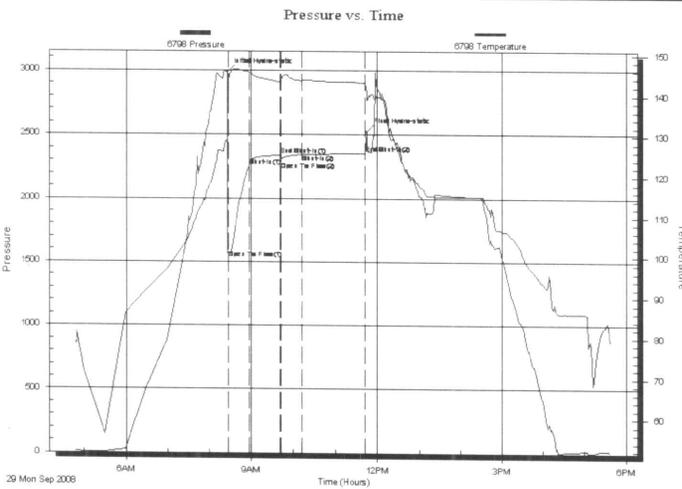
Kuhns#4
34 34 20 Comanche KS
 Job Ticket: 32913 **DST#: 3**
 Test Start: 2008.09.29 @ 04:47:27

GENERAL INFORMATION:

Formation: **Viola (3rd break)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:27:27
 Time Test Ended: 17:36:57
 Test Type: Conventional Bottom Hole
 Tester: Jerry Adams
 Unit No: 45
 Interval: **6199.00 ft (KB) To 6230.00 ft (KB) (TVD)**
 Total Depth: 6230.00 ft (KB) (TVD)
 Reference Elevations: 1737.00 ft (KB)
 1723.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 14.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 2343.81 psig @ 6200.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.09.29 End Date: 2008.09.29 Last Calib.: 2008.09.29
 Start Time: 04:47:28 End Time: 17:36:57 Time On Btm: 2008.09.29 @ 08:25:57
 Time Off Btm: 2008.09.29 @ 11:43:57

TEST COMMENT: IF:Strong blow BOB GTS in 28 mins TSTM
 IS:Strong blow BOB in 4 mins
 FF:Strong blow BOB in 90 secs
 FS:Strong blow BOB in 3 mins



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2987.11	128.94	Initial Hydro-static
2	1524.37	142.04	Open To Flow (1)
32	2248.67	145.84	Shut-In(1)
75	2340.50	143.43	End Shut-In(1)
76	2285.95	143.22	Open To Flow (2)
107	2343.81	143.72	Shut-In(2)
197	2356.27	143.24	End Shut-In(2)
198	2521.80	140.73	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
4636.00	SMCW 90%w 10%m	63.36
120.00	SGO&WCM 10%g 7%o 8%w 75%m	1.68
100.00	SGCM 10%g 90%m	1.40
0.00	1340' GIP	0.00
0.00	RW= .056 @ 83 deg.	0.00

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Five Star Energy

Kuhns#4

215 E.14th
Harper Ks.67058

34 34 20 Comanche KS

Job Ticket: 32913

DST#: 3

ATTN: Jeff Burk

Test Start: 2008.09.29 @ 04:47:27

Tool Information

Drill Pipe:	Length: 6003.00 ft	Diameter: 3.80 inches	Volume: 84.21 bbl	Tool Weight: 2400.00 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: 183.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 165000.0 lb
			<u>Total Volume: 85.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 87000.00 lb
Depth to Top Packer:	6199.00 ft			Final 110000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	59.00 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			6176.00	
Hydraulic tool	5.00			6181.00	
Jars	5.00			6186.00	
Safety Joint	3.00			6189.00	
Packer	5.00			6194.00	28.00 Bottom Of Top Packer
Packer	5.00			6199.00	
Stubb	1.00			6200.00	
Recorder	0.00	6798	Inside	6200.00	
Recorder	0.00	8358	Inside	6200.00	
Perforations	27.00			6227.00	
Bullnose	3.00			6230.00	31.00 Bottom Packers & Anchor

Total Tool Length: 59.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Five Star Energy
215 E.14th
Harper Ks.67058
ATTN: Jeff Burk

Kuhns#4
34 34 20 Comanche KS
Job Ticket: 32913 **DST#: 3**
Test Start: 2008.09.29 @ 04:47:27

Mud and Cushion Information

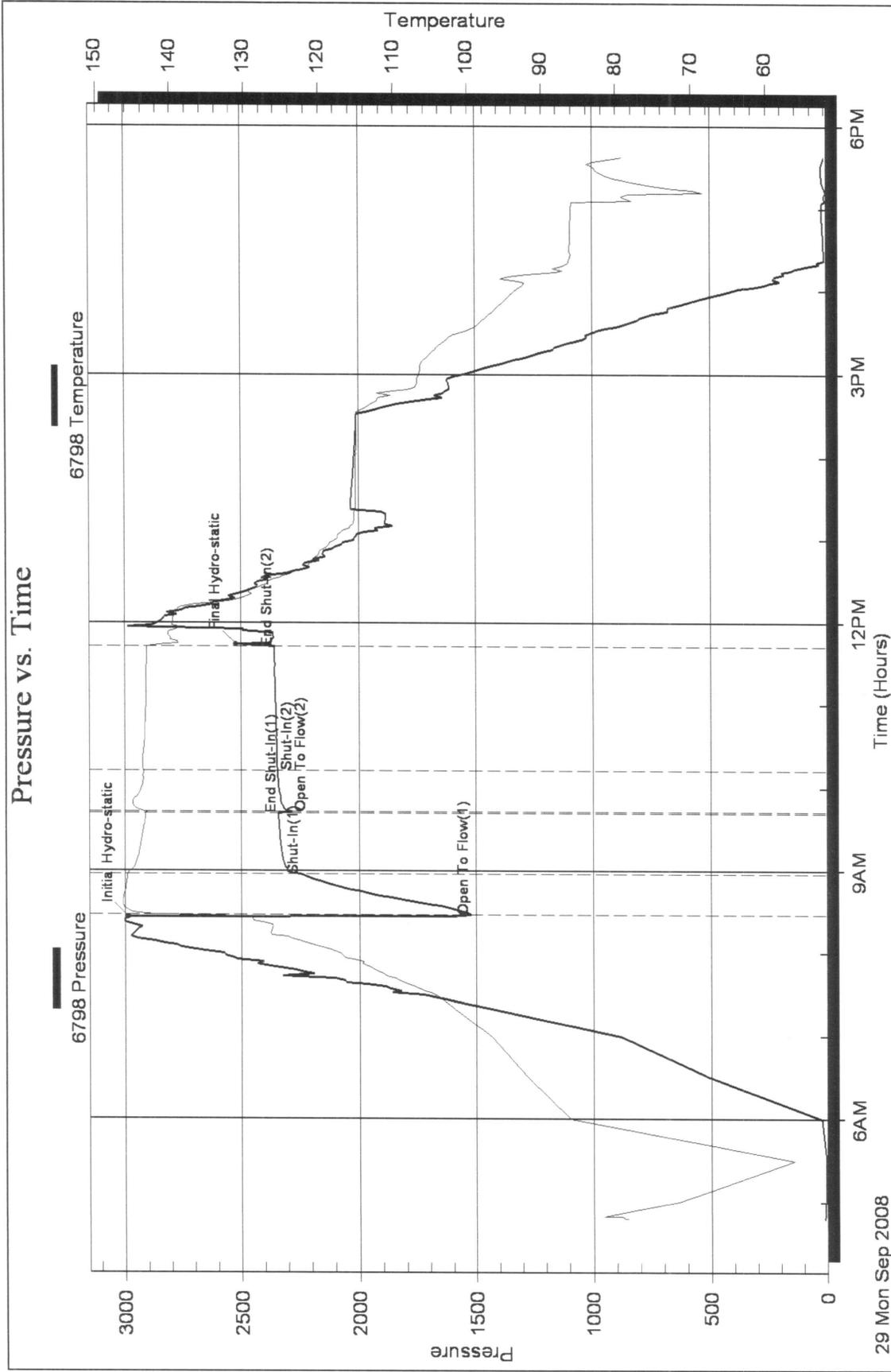
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 130000 ppm	
Viscosity: 87.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

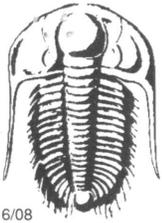
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4636.00	SMCW 90%w 10%m	63.364
120.00	SGO&WCM 10%g 7%o 8%w 75%m	1.683
100.00	SGCM 10%g 90%m	1.403
0.00	1340' GIP	0.000
0.00	RW= .056 @ 83 deg.	0.000

Total Length: 4856.00 ft Total Volume: 66.450 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: GA-4
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments: Dropped bar, fluid would not circulate. BOP would not pressure up.





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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32913

BY: _____

Test Ticket

Well Name & No. Kuhns #4 Test No. 3 Date 9-29-08
 Company Five Star Energy Zone Tested Viola (3rd Break)
 Address 215 E. 14th Harper, Kansas 67058 Elevation 1737 KB 1723 GL
 Co. Rep / Geo. Jeff Burk Rig Warren Drlg. #18
 Location: Sec. 34 Twp. 34s Rge. 20w Co. Comanche State Ks
 Comment: Dropped bar, fluid would not circulate. BOP would not pressure up.

Interval Tested 6199-6230 Drill Pipe Size 4 1/2" X 4
 Anchor Length 31 Wt. Pipe Run 0
 Top Packer Depth 6194 Drill Collar Run 183
 Bottom Packer Depth 6199 Ft. Run 6003
 Total Depth 6230 Recorder #(s) 6798(6200) 8358(6200)

Blow Description IF: Strong blow. B.O.B. immediately. GTS in 28 mins. T.S.T.M.
ISI: Strong blow. B.O.B. in 4 mins.
FF: Strong blow. B.O.B. in 90 secs.
FSI: Strong blow. B.O.B. in 3 mins.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>4846</u>	<u>1340</u>	<u>183</u>	<u>4663</u>
Rec. <u>100</u>	Feet of <u>SGcm</u>	<u>10%</u> gas	<u>0%</u> oil <u>90%</u> water <u>0%</u> mud
Rec. <u>120</u>	Feet of <u>SGO+Wcm</u>	<u>10%</u> gas <u>7%</u> oil <u>8%</u> water <u>75%</u> mud	
Rec. <u>4636</u>	Feet of <u>SMCW</u>	<u>0%</u> gas <u>0%</u> oil <u>90%</u> water <u>10%</u> mud	
Rec. _____	Feet of _____	<u>0%</u> gas <u>0%</u> oil <u>0%</u> water <u>0%</u> mud	
Rec. _____	Feet of _____	<u>0%</u> gas <u>0%</u> oil <u>0%</u> water <u>0%</u> mud	

BHT 143 °F Gravity N/C °API D @ _____ °F Corrected Gravity _____ °API
 RW .056 @ 83 °F Chlorides 130,000 ppm Recovery _____ Chlorides 4,500 ppm System

IF <u>1524-2249</u>	<input checked="" type="checkbox"/> Test <u>1500'</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Day Standby _____
ISI <u>2341</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Accessibility _____
FF <u>2286-2344</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
FSI <u>2356</u>	<input checked="" type="checkbox"/> Circ Sub <u>Dropped Bar 50'</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
T-on Loc <u>0345</u>	<input type="checkbox"/> Hourly Standby _____	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
T-started <u>0447</u>	<input checked="" type="checkbox"/> Mileage <u>164 R.T. 246'</u>	<input type="checkbox"/> Other _____	
T-open <u>0827</u>	Sub Total <u>2121'</u>	Sub Total _____	Sub Total _____
T-pulled <u>1145</u>			Total _____
T-out <u>1736</u>			

Trilobite Testing, Inc. shall not be liable for damage 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.

Approved By _____
 Thank you
 Our Representative Jerry Adams