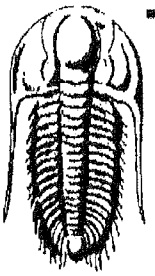
15-065-22862 3-7s-21w IND



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.19 @ 23:06:07
End Date: 2002.10.20 @ 03:04:37
Job Ticket #: 16663 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16663 **DST#: 1**

Test Start: 2002.10.19 @ 23:06:07

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:58:07
Time Test Ended: 03:04:37

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18

Interval: 3390.00 ft (KB) To 3430.00 ft (KB) (TVD)
Total Depth: 3430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

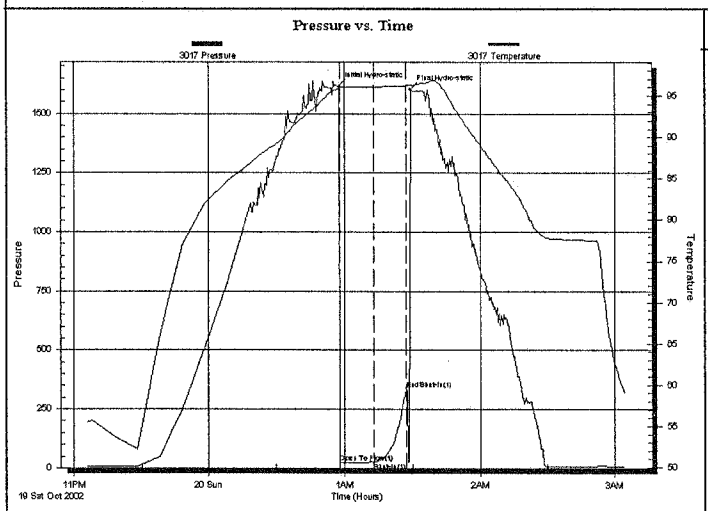
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3017 **Inside**

Press@RunDepth: 25.46 psig @ 3394.01 ft (KB)
Start Date: 2002.10.19 End Date: 2002.10.20
Start Time: 23:06:08 End Time: 03:04:37

Capacity: 7000.00 psig
Last Calib.: 2002.10.20
Time On Btm: 2002.10.20 @ 00:57:37
Time Off Btm: 2002.10.20 @ 01:29:07

TEST COMMENT: IF-Weak Surface Blow ISI-no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.30	95.90	Initial Hydro-static
1	22.97	95.98	Open To Flow (1)
16	25.46	96.09	Shut-In(1)
30	336.80	96.24	End Shut-In(1)
32	1603.24	96.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud with oil stain	0.02

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16663 **DST#: 1**

Test Start: 2002.10.19 @ 23:06:07

Tool Information

Drill Pipe:	Length:	3275.00 ft	Diameter:	3.80 inches	Volume:	45.94 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	
					Total Volume:	46.55 bbl	

Drill Pipe Above KB:	29.00 ft
Depth to Top Packer:	3390.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	40.02 ft
Tool Length:	60.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	3000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	45000.00 lb
Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
C.O. Sub	1.00			3371.00		
S.I. Tool	5.00			3376.00		
HMV	5.00			3381.00		
Packer	4.00			3385.00	20.00	Bottom Of Top Packer
Packer	5.00			3390.00		
Stubb	1.00			3391.00		
Perforations	3.00			3394.00		
Recorder	0.01	3017	Inside	3394.01		
Perforations	33.00			3427.01		
Recorder	0.01	13308	Outside	3427.02		
Bullnose	3.00			3430.02	40.02	Bottom Packers & Anchor
Total Tool Length:	**60.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16663 **DST#: 1**

Test Start: 2002.10.19 @ 23:06:07

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.58 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

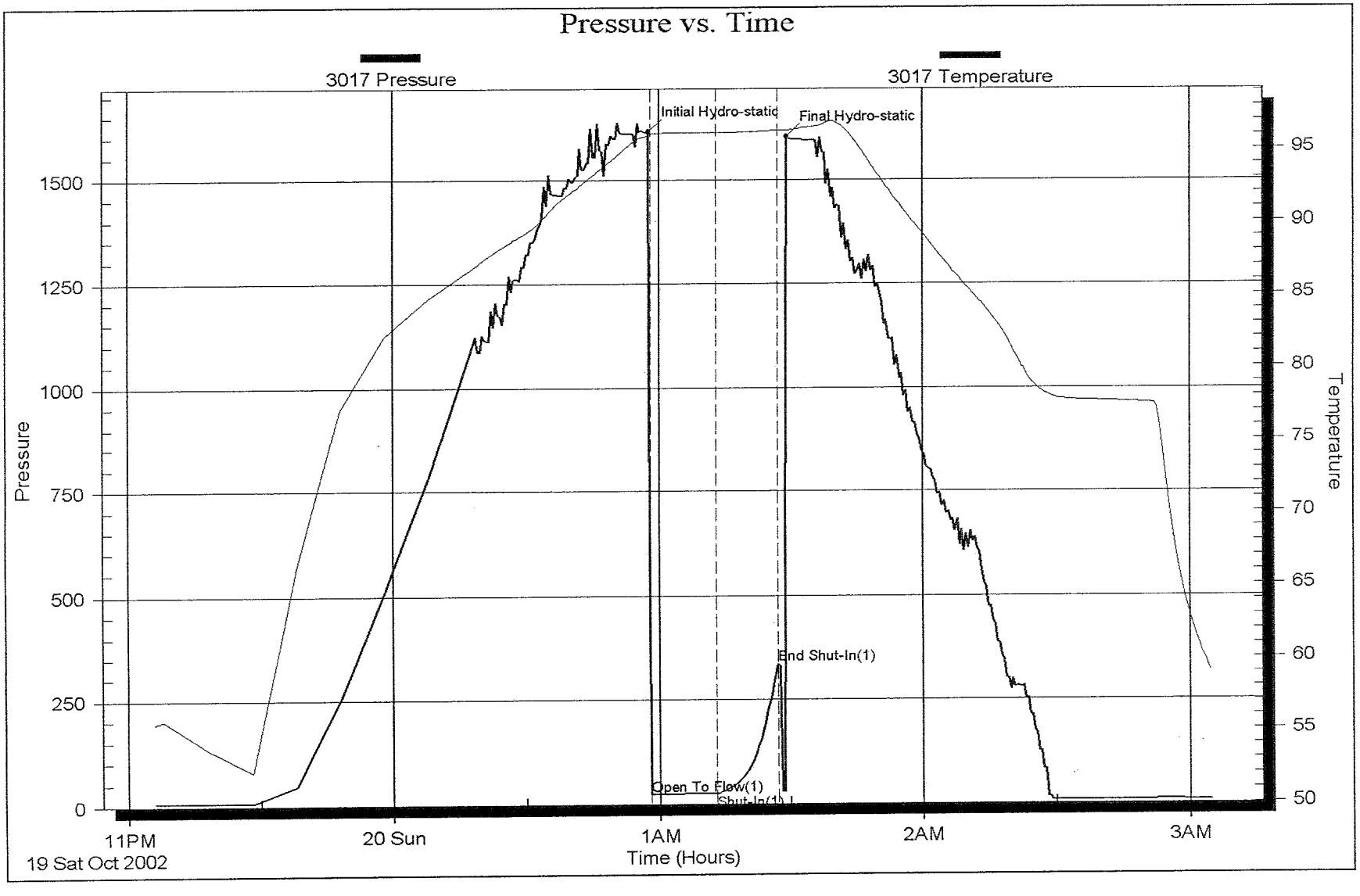
Recovery Information

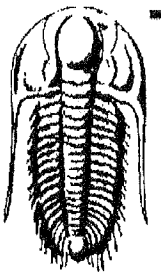
Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w ith oil stain	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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


Pressure vs. Time
3017 Pressure
3017 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Pressure
Temperature
0
250
500
750
1000
1250
1500
50
55
60
65
70
75
80
85
90
95
11PM
19 Sat Oct 2002
20 Sun
1AM
2AM
3AM
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.20 @ 11:14:22

End Date: 2002.10.20 @ 17:04:51

Job Ticket #: 16694 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16694 **DST#: 2**

Test Start: 2002.10.20 @ 11:14:22

GENERAL INFORMATION:

Formation: **LKC A-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:29:51
Time Test Ended: 17:04:51

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 3430.00 ft (KB) To 3480.00 ft (KB) (TVD)
Total Depth: 3480.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

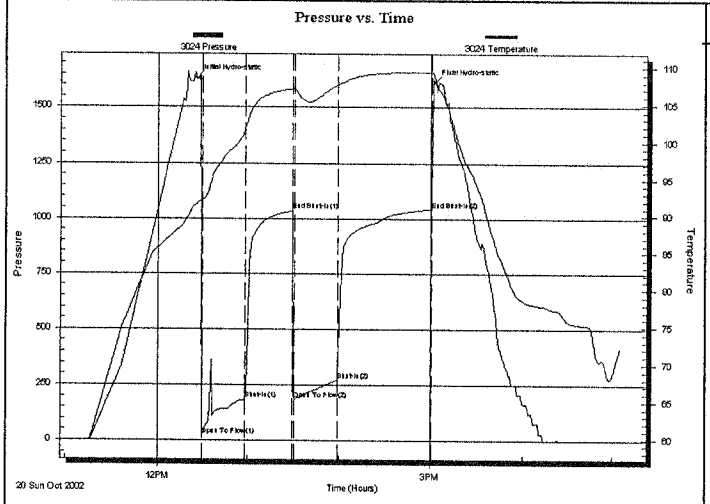
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**

Press@RunDepth: 272.75 psig @ 3431.01 ft (KB)
Start Date: 2002.10.20 End Date: 2002.10.20
Start Time: 11:14:22 End Time: 17:04:51

Capacity: 7000.00 psig
Last Calib.: 2002.10.20
Time On Btm: 2002.10.20 @ 12:25:51
Time Off Btm: 2002.10.20 @ 15:02:51

TEST COMMENT: IFP-w k to strg in 10 min
FFP-w k to strg in 10 min
Times 30-30-30-60
w k bl bk on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.84	91.66	Initial Hydro-static
4	23.20	92.20	Open To Flow (1)
33	187.00	101.91	Shut-In(1)
64	1035.25	107.11	End Shut-In(1)
65	186.38	107.15	Open To Flow (2)
93	272.75	107.64	Shut-In(2)
155	1042.88	109.35	End Shut-In(2)
157	1610.63	108.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SOCMW 1%oil 10%mud 89%w ater	0.59
186.00	GMO 10%gas 10%mud 80%oil	2.61
124.00	MGO 5%gas 15%mud 80%oil	1.74
144.00	HO&GCM 10%gas 50%mud 40%oil	2.02
65.00	Clean Oil	0.91
0.00	220' Gip	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16694 **DST#: 2**

Test Start: 2002.10.20 @ 11:14:22

Tool Information

Drill Pipe:	Length:	3310.00 ft	Diameter:	3.80 inches	Volume:	46.43 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	47.02 bbl	

Drill Pipe Above KB:	21.00 ft
Depth to Top Packer:	3430.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	50.02 ft
Tool Length:	71.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	42000.00 lb
Final	46000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3410.00		
Shut In Tool	5.00			3415.00		
Hydraulic tool	5.00			3420.00		
Packer	5.00			3425.00	21.00	Bottom Of Top Packer
Packer	5.00			3430.00		
Stubb	1.00			3431.00		
Recorder	0.01	3024	Inside	3431.01		
Change Over Sub	1.00			3432.01		
Blank Spacing	30.00			3462.01		
Change Over Sub	1.00			3463.01		
Perforations	14.00			3477.01		
Recorder	0.01	11085	Outside	3477.02		
Bullnose	3.00			3480.02	50.02	Bottom Packers & Anchor
Total Tool Length:	**71.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16694 **DST#: 2**

Test Start: 2002.10.20 @ 11:14:22

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	38 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	95000 ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.73 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	400.00 ppm				
Filter Cake:	2.00 inches				

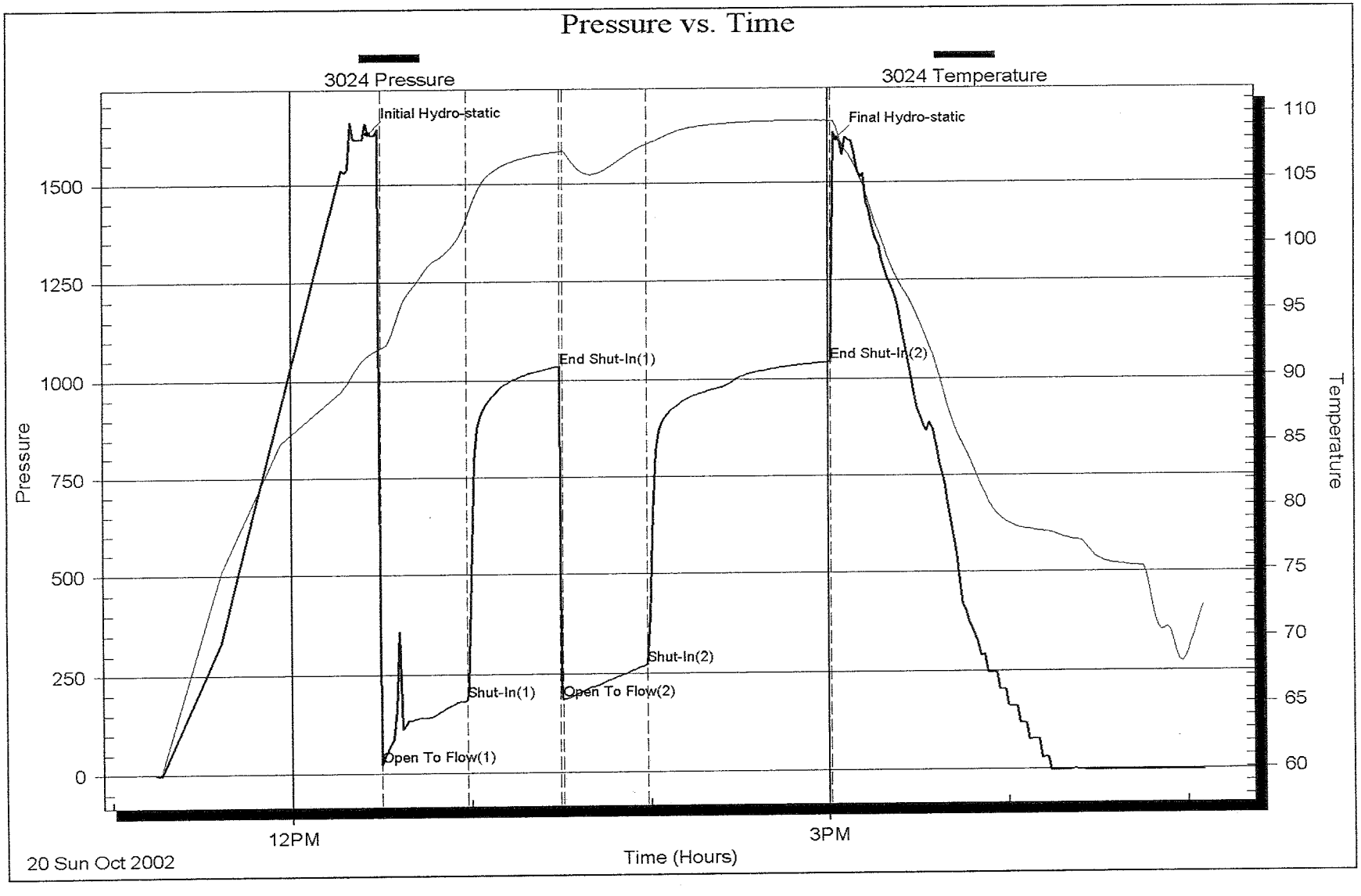
Recovery Information

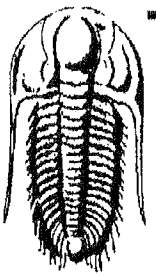
Recovery Table

Length ft	Description	Volume bbl
120.00	SOCMW 1%oil 10%mud 89%water	0.590
186.00	GMO 10%gas 10%mud 80%oil	2.609
124.00	MGO 5%gas 15%mud 80%oil	1.739
144.00	HO&GCM 10%gas 50%mud 40%oil	2.020
65.00	Clean Oil	0.912
0.00	220' Gip	0.000

Total Length: 639.00 ft Total Volume: 7.870 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .08@72


Pressure vs. Time
3024 Pressure
3024 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
12PM
3PM
Time (Hours)
20 Sun Oct 2002



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.20 @ 22:29:09
End Date: 2002.10.21 @ 05:16:08
Job Ticket #: 16695 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16695 **DST#: 3**

Test Start: 2002.10.20 @ 22:29:09

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:23:38
Time Test Ended: 05:16:08

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 3481.00 ft (KB) To 3495.00 ft (KB) (TVD)
Total Depth: 3495.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

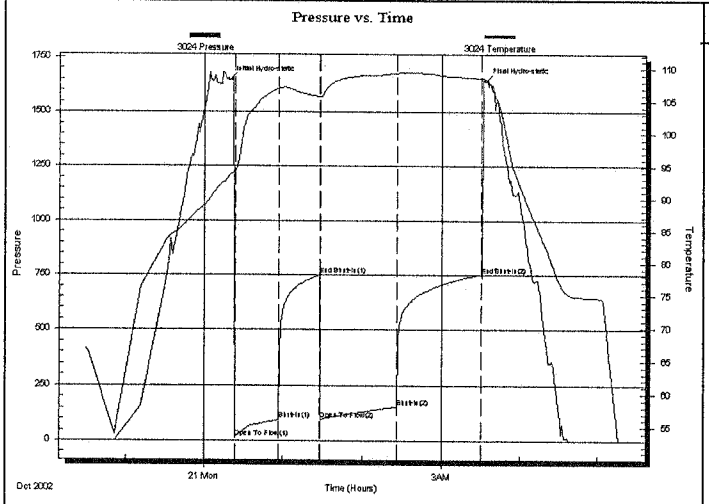
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**

Press@RunDepth: 153.47 psig @ 3482.01 ft (KB)
Start Date: 2002.10.20 End Date: 2002.10.21
Start Time: 22:29:09 End Time: 05:16:08

Capacity: 7000.00 psig
Last Calib.: 2002.10.21
Time On Btm: 2002.10.21 @ 00:19:38
Time Off Btm: 2002.10.21 @ 03:33:38

TEST COMMENT: IFP-w k to fr bl 1/2" to 5 ½"bl
FFP-w k bl thru-out 1/2" to 1" bl
Times 30-30-60-60
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1646.54	93.55	Initial Hydro-static
4	15.38	94.16	Open To Flow (1)
37	94.25	106.98	Shut-In(1)
69	750.32	105.74	End Shut-In(1)
69	96.60	105.73	Open To Flow (2)
126	153.47	109.36	Shut-In(2)
191	752.07	108.60	End Shut-In(2)
194	1640.90	108.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
298.00	MW 5%mud 95%w ater w /show of oil	3.09
2.00	Clean Oil	0.03

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16695 **DST#: 3**

Test Start: 2002.10.20 @ 22:29:09

Tool Information

Drill Pipe:	Length:	3370.00 ft	Diameter:	3.80 inches	Volume:	47.27 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	47.86 bbl	

Drill Pipe Above KB:	30.00 ft
Depth to Top Packer:	3481.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	14.02 ft
Tool Length:	35.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2200.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		55000.00 lb
Tool Chased		6.00 ft
String Weight:	Initial	44000.00 lb
	Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3461.00		
Shut In Tool	5.00			3466.00		
Hydraulic tool	5.00			3471.00		
Packer	5.00			3476.00	21.00	Bottom Of Top Packer
Packer	5.00			3481.00		
Stubb	1.00			3482.00		
Recorder	0.01	3024	Inside	3482.01		
Perforations	10.00			3492.01		
Recorder	0.01	11085	Outside	3492.02		
Bullnose	3.00			3495.02	14.02	Bottom Packers & Anchor
Total Tool Length:	**35.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16695 **DST#: 3**

Test Start: 2002.10.20 @ 22:29:09

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:	93000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.93 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	600.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

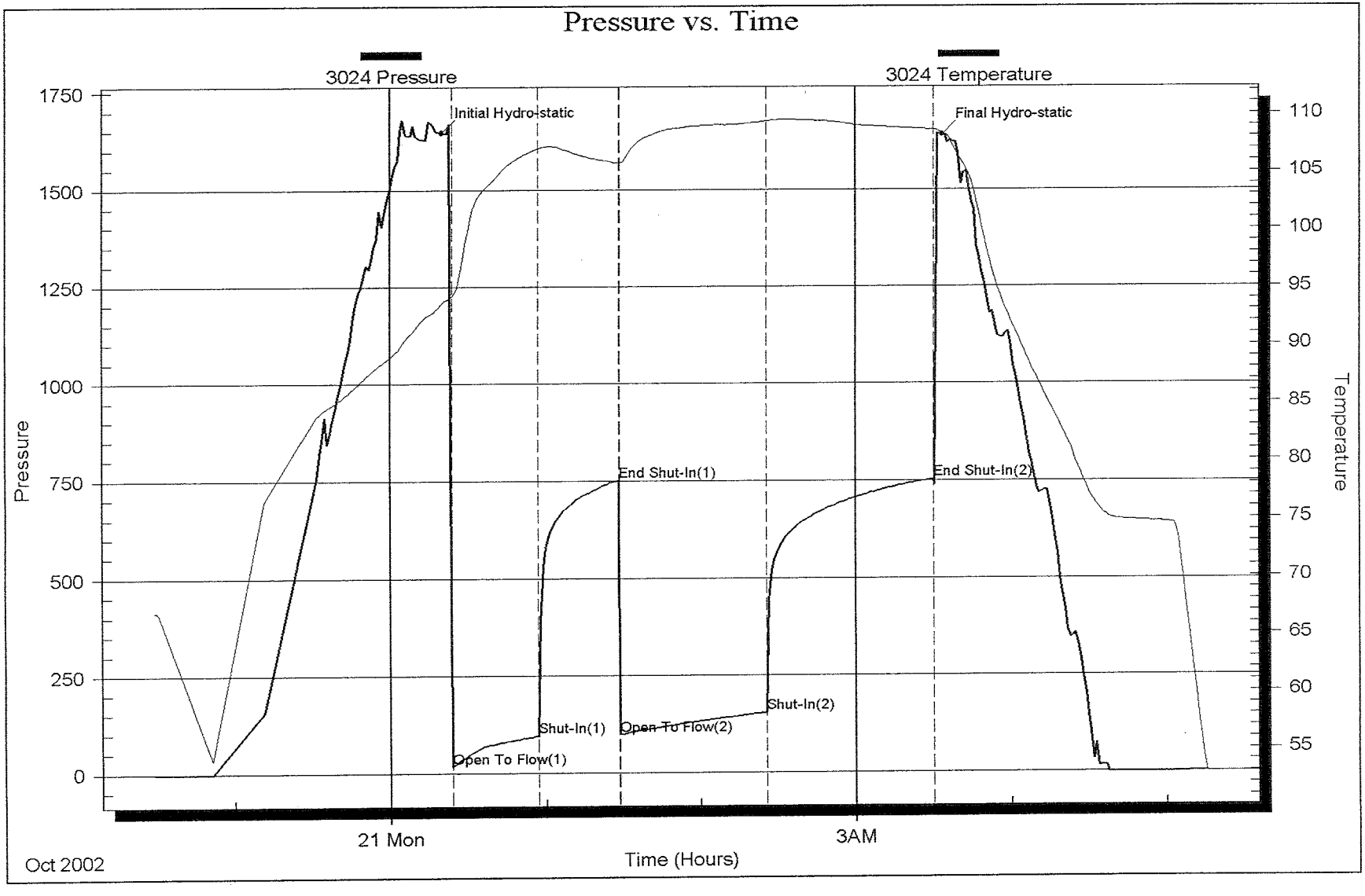
Length ft	Description	Volume bbl
298.00	MW 5%mud 95%w ater w /show of oil	3.087
2.00	Clean Oil	0.028

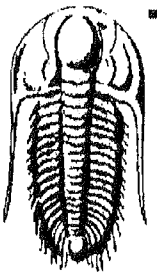
Total Length: 300.00 ft Total Volume: 3.115 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .14@44F


Pressure vs. Time
3024 Pressure
3024 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
55
21 Mon
3AM
Time (Hours)
Oct 2002



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.21 @ 10:39:23

End Date: 2002.10.21 @ 17:13:23

Job Ticket #: 16696 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16696 **DST#: 4**

Test Start: 2002.10.21 @ 10:39:23

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:18:53
Time Test Ended: 17:13:23

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 3492.00 ft (KB) To 3515.00 ft (KB) (TVD)
Total Depth: 3515.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

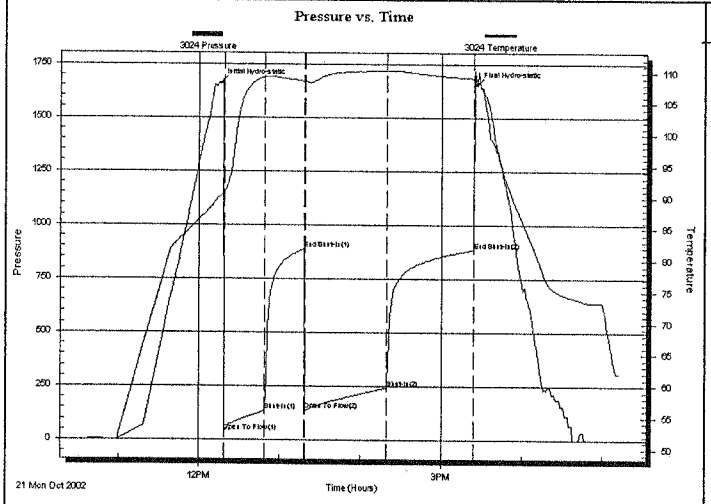
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**

Press@RunDepth: 242.19 psig @ 3493.01 ft (KB)
Start Date: 2002.10.21 End Date: 2002.10.21
Start Time: 10:36:24 End Time: 17:13:23

Capacity: 7000.00 psig
Last Calib.: 2002.10.21
Time On Btm: 2002.10.21 @ 12:15:53
Time Off Btm: 2002.10.21 @ 15:25:53

TEST COMMENT: IFP-w k to strg in 15 min
FFP-w k to strg in 8 min
Times 30-30-60-60
w k bl bk on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1658.68	90.29	Initial Hydro-static
3	33.77	91.00	Open To Flow (1)
33	135.07	109.30	Shut-In(1)
63	886.89	108.59	End Shut-In(1)
63	136.57	108.60	Open To Flow (2)
124	242.19	110.24	Shut-In(2)
188	883.73	109.08	End Shut-In(2)
190	1651.95	108.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	SOCW 1%oil 99%w ater RW.088@64F	2.41
155.00	OCMW 10%oil 25%mmud 65%w ater	2.17
125.00	Clean Oil	1.75
340.00	GIP	4.77

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16696 **DST#: 4**

Test Start: 2002.10.21 @ 10:39:23

Tool Information

Drill Pipe:	Length:	3371.00 ft	Diameter:	3.80 inches	Volume:	47.29 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	47.88 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	3492.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	23.02 ft
Tool Length:	44.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	55000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	46000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3472.00		
Shut In Tool	5.00			3477.00		
Hydraulic tool	5.00			3482.00		
Packer	5.00			3487.00	21.00	Bottom Of Top Packer
Packer	5.00			3492.00		
Stubb	1.00			3493.00		
Recorder	0.01	3024	Inside	3493.01		
Perforations	19.00			3512.01		
Recorder	0.01	11085	Outside	3512.02		
Bullnose	3.00			3515.02	23.02	Bottom Packers & Anchor
Total Tool Length:	**44.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16696 **DST#: 4**

Test Start: 2002.10.21 @ 10:39:23

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	95000 ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.95 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1250.00 ppm				
Filter Cake:	2.00 inches				

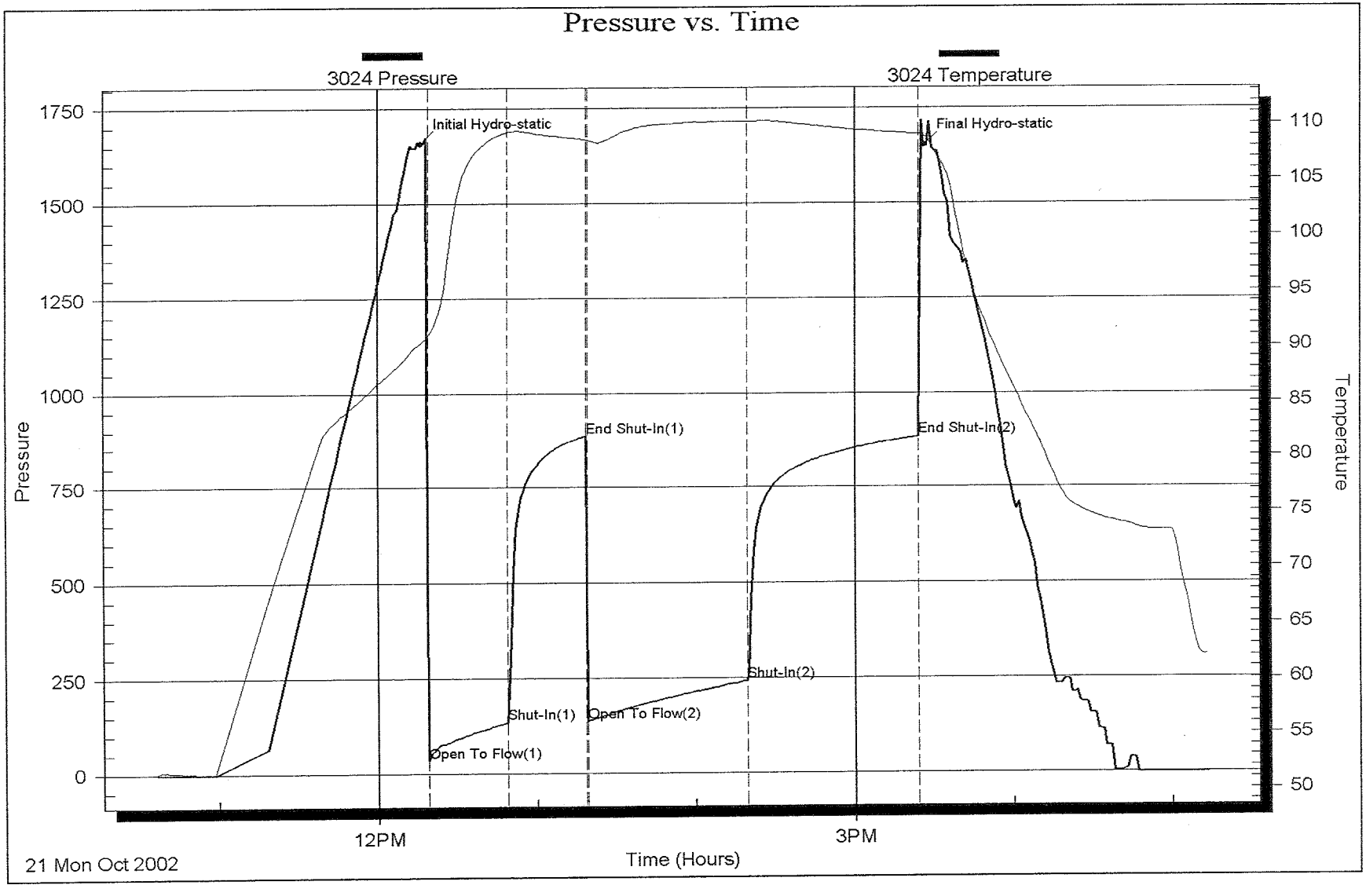
Recovery Information

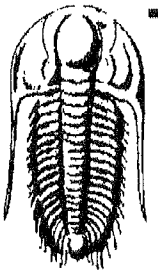
Recovery Table

Length ft	Description	Volume bbl
250.00	SOCW 1%oil 99%w ater RW.088@64F	2.414
155.00	OCMW 10%oil 25%mmud 65%w ater	2.174
125.00	Clean Oil	1.753
340.00	GIP	4.769

Total Length: 870.00 ft Total Volume: 11.110 bbl

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


Pressure vs. Time
3024 Pressure
3024 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
Time (Hours)
12PM
3PM
21 Mon Oct 2002
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
55
50



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.22 @ 02:55:29
End Date: 2002.10.22 @ 09:29:28
Job Ticket #: 16697 DST #: 5

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16697 **DST#: 5**

Test Start: 2002.10.22 @ 02:55:29

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:42:58
Time Test Ended: 09:29:28

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 3570.00 ft (KB) To 3625.00 ft (KB) (TVD)
Total Depth: 3625.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

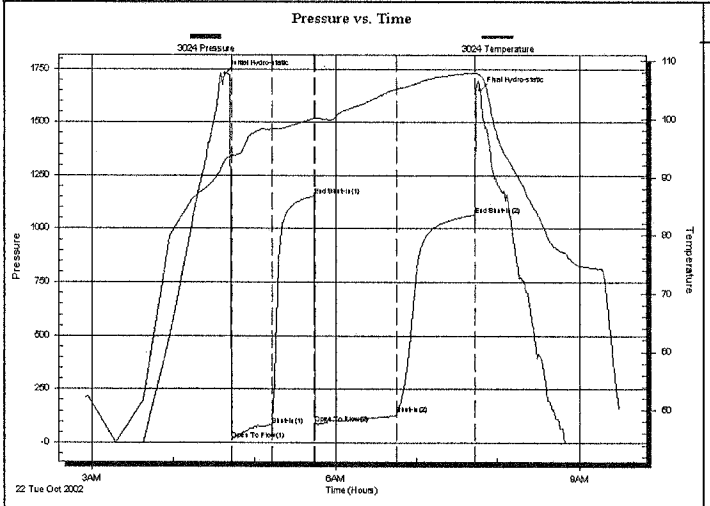
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**

Press@RunDepth: 132.96 psig @ 3572.01 ft (KB)
Start Date: 2002.10.22 End Date: 2002.10.22
Start Time: 02:55:29 End Time: 09:29:28

Capacity: 7000.00 psig
Last Calib.: 2002.10.22
Time On Btm: 2002.10.22 @ 04:37:58
Time Off Btm: 2002.10.22 @ 07:46:58

TEST COMMENT: IFP-w k bl thru-out 1/2" to 2" bl
FFP-w k bl thru-out 1/2" to
Times 30-30-60-60
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.67	92.89	Initial Hydro-static
5	13.68	93.48	Open To Flow (1)
35	83.12	98.33	Shut-In(1)
67	1153.97	100.13	End Shut-In(1)
67	88.46	100.19	Open To Flow (2)
127	132.96	105.20	Shut-In(2)
185	1066.65	107.94	End Shut-In(2)
189	1650.67	107.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HO&GCM 20%gas 30%oil 50%mud	0.30
120.00	HO&GCM 10%gas 20%oil 70%mud	1.14
60.00	HOCM 40%oil60%mud	0.84
30.00	clean oil	0.42
60.00	GIP	0.84

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16697 **DST#: 5**

Test Start: 2002.10.22 @ 02:55:29

Tool Information

Drill Pipe:	Length:	3435.00 ft	Diameter:	3.80 inches	Volume:	48.18 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	48.77 bbl	

Drill Pipe Above KB:	6.00 ft
Depth to Top Packer:	3570.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	55.02 ft
Tool Length:	76.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	55000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	45000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3550.00		
Shut In Tool	5.00			3555.00		
Hydraulic tool	5.00			3560.00		
Packer	5.00			3565.00	21.00	Bottom Of Top Packer
Packer	5.00			3570.00		
Stubb	1.00			3571.00		
Change Over Sub	1.00			3572.00		
Recorder	0.01	3024	Inside	3572.01		
Blank Spacing	30.00			3602.01		
Change Over Sub	1.00			3603.01		
Recorder	0.01	11085	Outside	3603.02		
Perforations	19.00			3622.02		
Bullnose	3.00			3625.02	55.02	Bottom Packers & Anchor
Total Tool Length:	**76.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16697 **DST#: 5**

Test Start: 2002.10.22 @ 02:55:29

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	38 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1250.00 ppm				
Filter Cake:	2.00 inches				

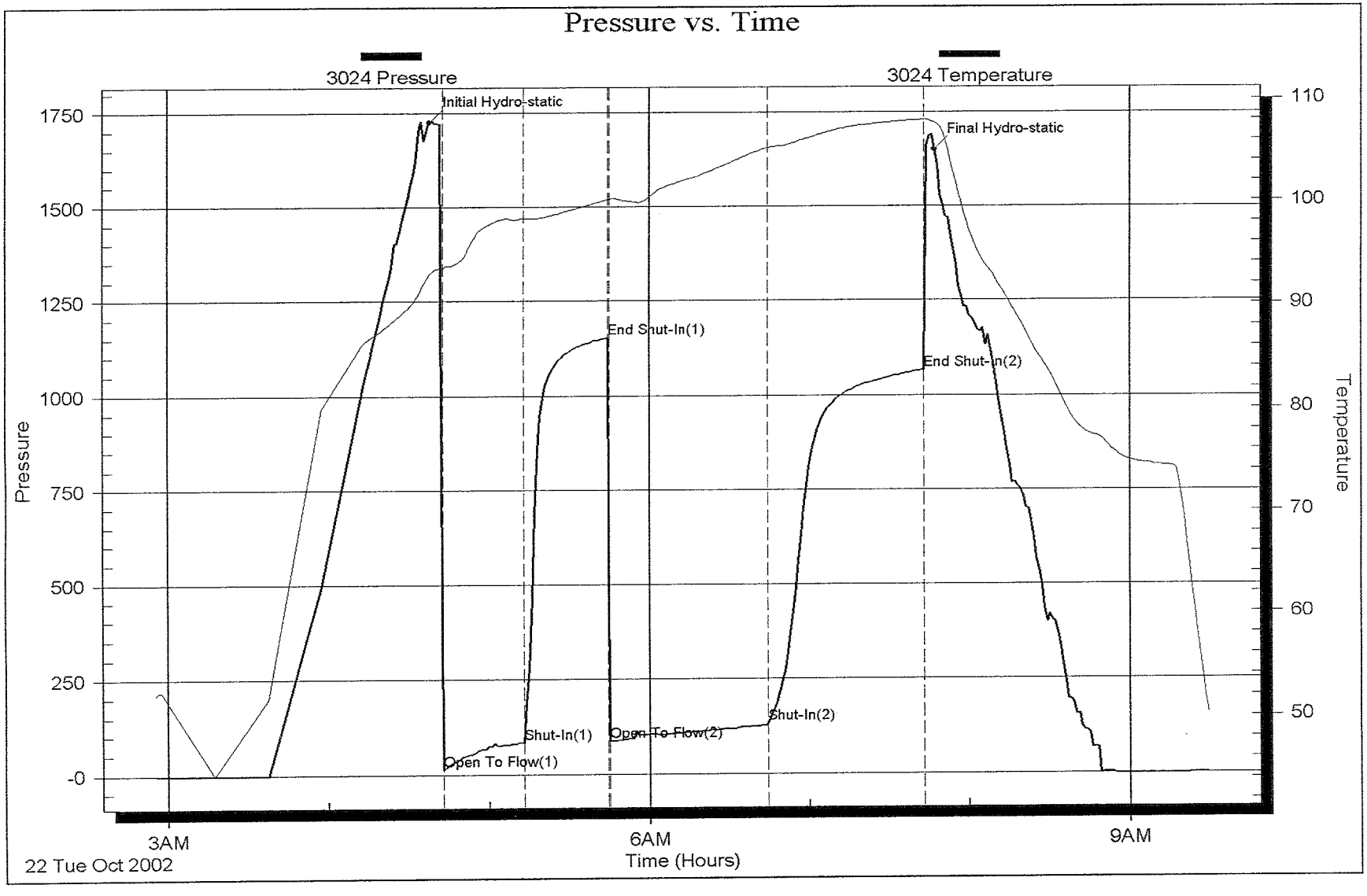
Recovery Information

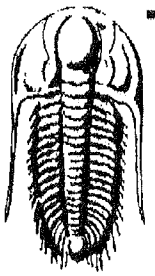
Recovery Table

Length ft	Description	Volume bbl
60.00	HO&GCM 20%gas 30%oil 50%mud	0.295
120.00	HO&GCM 10%gas 20%oil 70%mud	1.137
60.00	HOCM 40%oil60%mud	0.842
30.00	clean oil	0.421
60.00	GIP	0.842

Total Length: 330.00 ft Total Volume: 3.537 bbl

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


Pressure vs. Time
3024 Pressure
3024 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
-0
110
100
90
80
70
60
50
3AM
6AM
9AM
22 Tue Oct 2002
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.22 @ 17:58:00
End Date: 2002.10.22 @ 00:00:00
Job Ticket #: 16698 DST #: 6

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16698 **DST#: 6**

Test Start: 2002.10.22 @ 17:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

Interval: 3648.00 ft (KB) To 3680.00 ft (KB) (TVD)
Total Depth: 3680.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

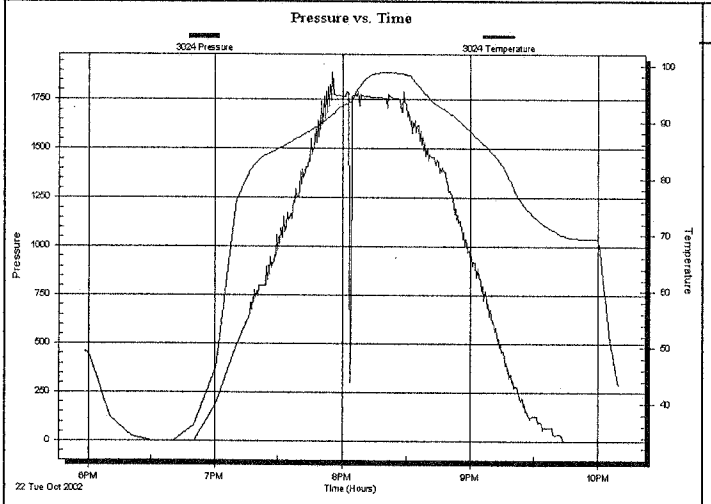
Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**

Press@RunDepth: psig @ 3649.01 ft (KB)
Start Date: 2002.10.22 End Date: 2002.10.22
Start Time: 17:58:29 End Time: 22:09:58

Capacity: 7000.00 psig
Last Calib.: 2002.10.22
Time On Btm:
Time Off Btm:

TEST COMMENT: Misrun packer failure



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud w/ show of oil	0.39
120.00	mud	1.32

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16698 **DST#: 6**

Test Start: 2002.10.22 @ 17:58:00

Tool Information

Drill Pipe:	Length:	3527.00 ft	Diameter:	3.80 inches	Volume:	49.47 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	50.06 bbl	

Drill Pipe Above KB:	20.00 ft
Depth to Top Packer:	3648.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	32.02 ft
Tool Length:	53.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3628.00		
Shut In Tool	5.00			3633.00		
Hydraulic tool	5.00			3638.00		
Packer	5.00			3643.00	21.00	Bottom Of Top Packer
Packer	5.00			3648.00		
Stubb	1.00			3649.00		
Recorder	0.01	3024	Inside	3649.01		
Perforations	28.00			3677.01		
Recorder	0.01	11085	Outside	3677.02		
Bullnose	3.00			3680.02	32.02	Bottom Packers & Anchor
Total Tool Length:	**53.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16698 **DST#: 6**

Test Start: 2002.10.22 @ 17:58:00

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2200.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

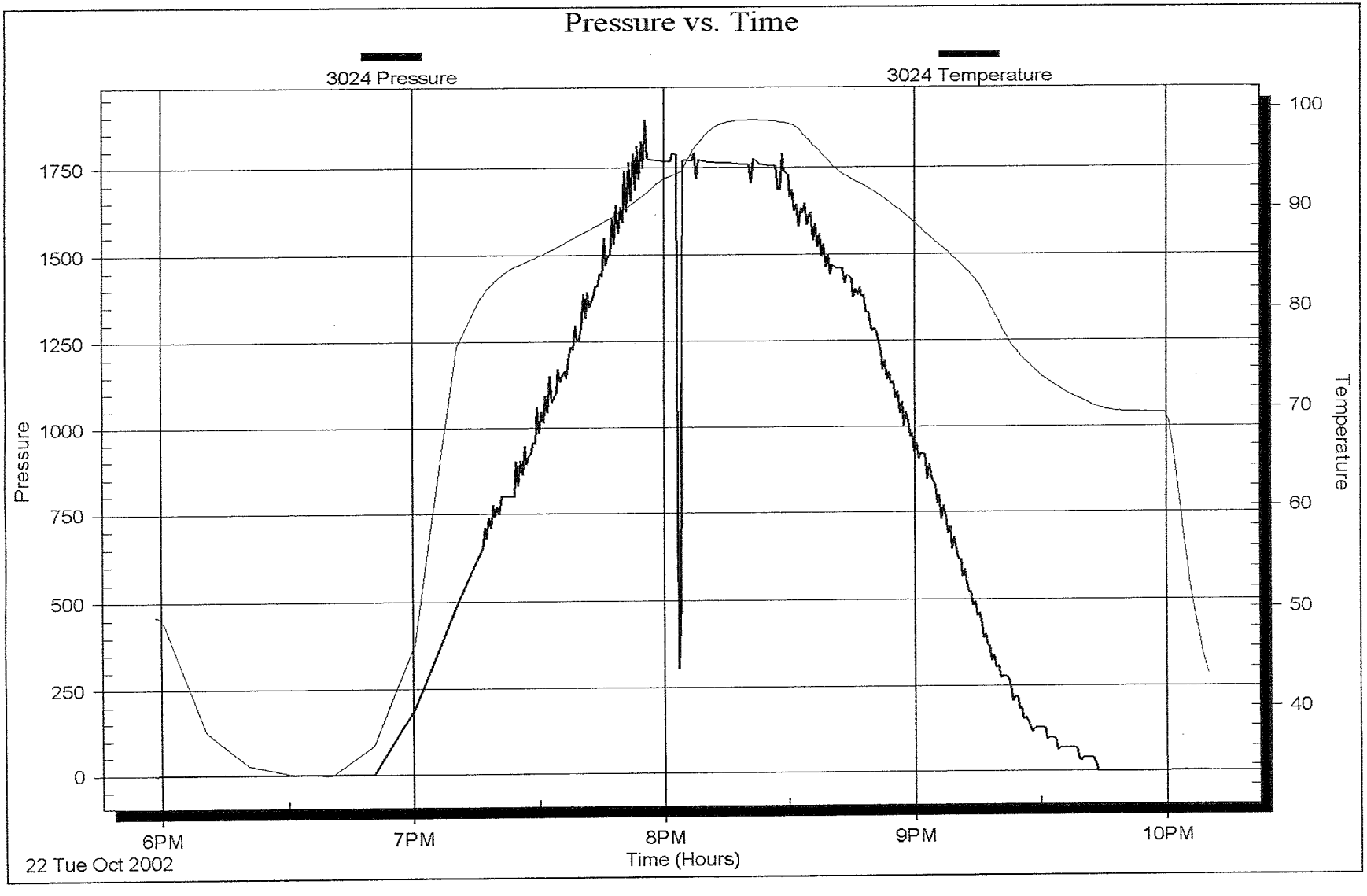
Length ft	Description	Volume bbl
80.00	mud w / show of oil	0.393
120.00	mud	1.319

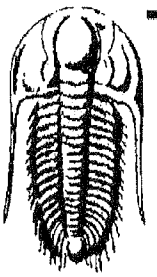
Total Length: 200.00 ft Total Volume: 1.712 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
3024 Pressure
3024 Temperature
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
100
90
80
70
60
50
40
6PM
7PM
8PM
9PM
10PM
Time (Hours)
22 Tue Oct 2002



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Great Eastern Energy &Development Corp.**

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

3-7S-21W Graham KS

Billips Brothers # B-3

Start Date: 2002.10.23 @ 03:21:03
End Date: 2002.10.23 @ 10:01:32
Job Ticket #: 16699 DST #: 7

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16699 **DST#: 7**

Test Start: 2002.10.23 @ 03:21:03

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:15:32
Time Test Ended: 10:01:32

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 16

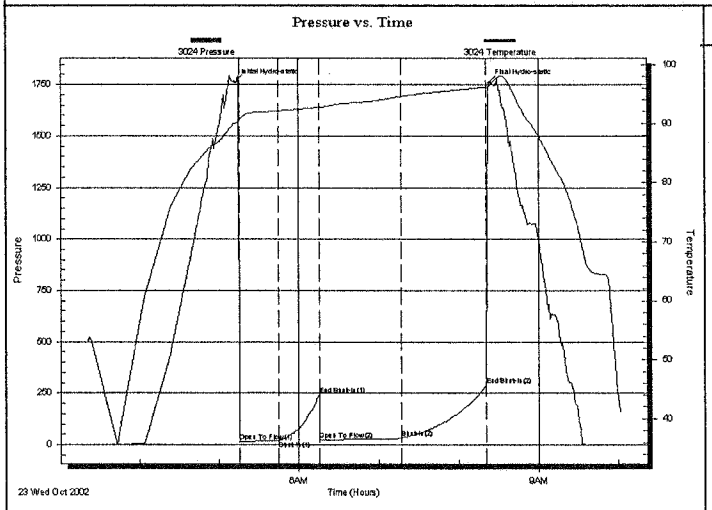
Interval: 3662.00 ft (KB) To 3682.00 ft (KB) (TVD)
Total Depth: 3682.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2195.00 ft (KB)
2190.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 3024 **Inside**
Press@RunDepth: 33.29 psig @ 3663.01 ft (KB)
Start Date: 2002.10.23 End Date: 2002.10.23
Start Time: 03:21:03 End Time: 10:01:32

Capacity: 7000.00 psig
Last Calib.: 2002.10.23
Time On Btm: 2002.10.23 @ 05:12:32
Time Off Btm: 2002.10.23 @ 08:22:32

TEST COMMENT: IFP-w k bl thru-out 1/2" to 1" bl
FFP-w k bl thru-out 1" bl
Times 30-30-60-60
no bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.42	89.98	Initial Hydro-static
3	12.86	90.41	Open To Flow (1)
33	20.12	92.07	Shut-In(1)
63	242.05	92.70	End Shut-In(1)
64	23.18	92.72	Open To Flow (2)
124	33.29	94.53	Shut-In(2)
188	289.48	96.17	End Shut-In(2)
190	1760.34	96.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Clean Oil	0.01
10.00	OCM 10%oil 90%mud	0.05

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16699 **DST#: 7**

Test Start: 2002.10.23 @ 03:21:03

Tool Information

Drill Pipe:	Length:	3528.00 ft	Diameter:	3.80 inches	Volume:	49.49 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 inches	Volume:	0.59 bbl	
					Total Volume:	50.08 bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	3662.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	20.02 ft
Tool Length:	41.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	50000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	44000.00 lb
Final	44000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3642.00		
Shut In Tool	5.00			3647.00		
Hydraulic tool	5.00			3652.00		
Packer	5.00			3657.00	21.00	Bottom Of Top Packer
Packer	5.00			3662.00		
Stubb	1.00			3663.00		
Recorder	0.01	3024	Inside	3663.01		
Perforations	16.00			3679.01		
Recorder	0.01	11085	Outside	3679.02		
Bullnose	3.00			3682.02	20.02	Bottom Packers & Anchor
Total Tool Length:	**41.02**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Great Eastern Energy &Development Corp.

P.O.Box 150
Bogue,KS 676254

ATTN: Mike Davignon

Billips Brothers # B-3

3-7S-21W Graham KS

Job Ticket: 16699 **DST#: 7**

Test Start: 2002.10.23 @ 03:21:03

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2200.00 ppm				
Filter Cake:	2.00 inches				

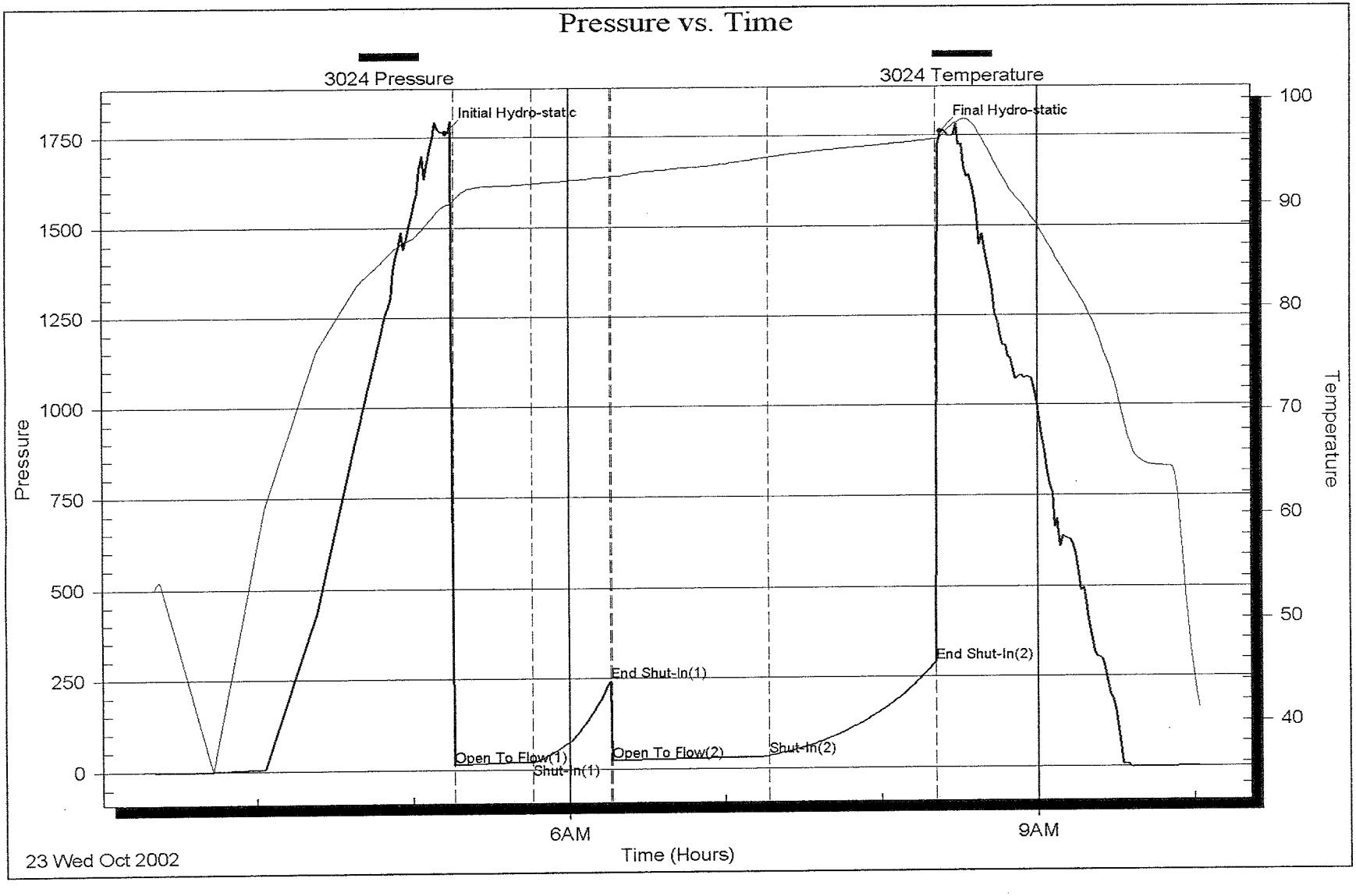
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Clean Oil	0.010
10.00	OCM 10%oil 90%mud	0.049

Total Length: 12.00 ft Total Volume: 0.059 bbl

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


Pressure vs. Time
3024 Pressure
3024 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
1750
1500
1250
1000
750
500
250
0
Pressure
100
90
80
70
60
50
40
Temperature
6AM
9AM
Time (Hours)
23 Wed Oct 2002

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Invoice #3204 $670.00

№ 16663

Test Ticket

Well Name & No. BILLIPS BROTHERS #B-3 Test No. #1 Date 10-19-02

Company GREAT EASTERN ENERGY & DEVELOPMENT CORP. Zone Tested TORONTO

Address BOX 150 BOGUE, KS 67625 4 Elevation 2195 KB 2190 GL

Co. Rep / Geo. MIKE DAVIGNON Cont. MURFIN #8 Est. Ft. of Pay ____ Por. ____ %

Location: Sec. 3 Twp. 7S Rge. 21W Co. GRAHAM State KS

No. of Copies ____ Distribution Sheet (Y, N) ____ Turnkey (Y, N) ____ Evaluation (Y, N) ____

Interval Tested 3390 To 3430

Anchor Length 40'

Top Packer Depth 3385

Bottom Packer Depth 3390

Total Depth 3430

Mud Wt. 9.0 LCM — Vis. 47 WL 7.6

Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. 45,000

Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000

Tool Weight 3,000

Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓

Wt. Pipe Run — Drill Collar Run 124

Drill Pipe Size 4½ XH Ft. Run 3275

Blow Description IF - WEAK SURFACE BLOW ISI - NO BLOW

FF - DEAD

Recovery — Total Feet 5 GIP — Ft. in DC 5 Ft. in DP —

Rec. 5'	Feet Of MUD (W) OIL STAIN	%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 96 °F Gravity ____ °API D@ ____ °F Corrected Gravity ____ °API

RW ____ @ ____ °F Chlorides ____ ppm Recovery Chlorides ____ ppm System

	AK-1	Alpine				
(A) Initital Hydrostatic Mud		1615	PSI	Recorder No. 3017	T-On Location 21:15	
(B) First Initial Flow Pressure		22	PSI	(depth) 3394	T-Started 23:06	
(C) First Final Flow Pressure		25	PSI	Recorder No. 13308	T-Open 00:57	
(D) Initial Shut-In Pressure		336	PSI	(depth) 3427	T-Pulled 01:29	
(E) Second Initial Flow Pressure		—	PSI	Recorder No.	T-Out 03:04	
(F) Second Final Flow Pressure		—	PSI	(depth)	T-Off Location 03:50	
(G) Final Shut-in Pressure		—	PSI	Initial Opening 15	Test BOTTOM HOLE 700	
(Q) Final Hydrostatic Mud		1603	PSI	Initial Shut-in 15	Jars	
				Final Flow —	Safety Joint	
				Final Shut-in —	Straddle	
					Circ. Sub	
					Sampler	
					Extra Packer	
					Elec. Rec. ✓	150
					Mileage 60	65
					Other	
					TOTAL PRICE $	#915

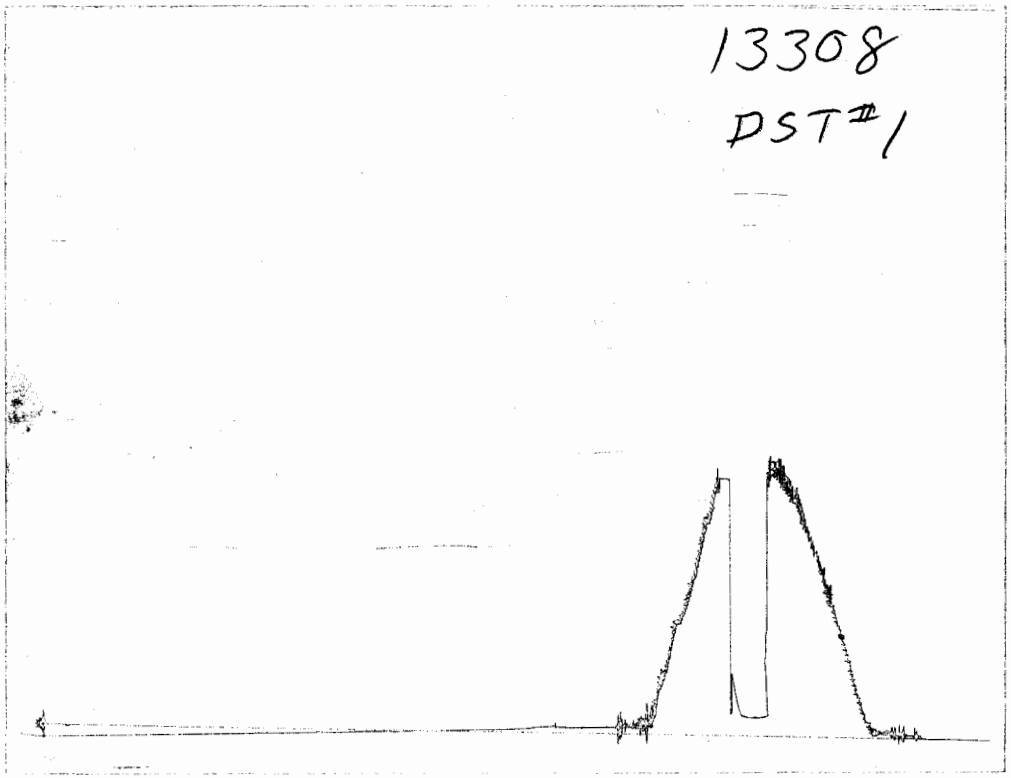
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By ____

Our Representative John A. Schmidt

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 16694

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 2 Date 10-20-02

Company Great Eastern Energy Zone Tested LKC A-C

Address Box 150 Bogue, Ks 676 Elevation 2195 KB 2190 GL

Co. Rep / Geo. Mike Davidson Cont. Murfin rig 8 Est. Ft. of Pay — Por. — %

Location: Sec. 3 Twp. 7 S Rge. 21 W Co. Graham State Ks

No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3430 - 3480 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 46000

Anchor Length 50 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000

Top Packer Depth 3425 Tool Weight 2200

Bottom Packer Depth 3430 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes

Total Depth 3480 Wt. Pipe Run — Drill Collar Run 120

Mud Wt. 9 LCM — Vis. 47 WL — Drill Pipe Size 4½ XH Ft. Run 3310

Blow Description IFP - Weak To Strong in 10 min
FFP - Weak To Strong in 10 min
Weak Blow on Shut-in

Recovery — Total Feet 699 GIP 220 Ft. in DC 120 Ft. in DP 579

Rec. 65	Feet Of	Clean Oil	%gas	%oil	%water	%mud
Rec. 144	Feet Of	HOCM	10 %gas	40 %oil	%water 50	%mud
Rec. 124	Feet Of	GMO	5 %gas	80 %oil	%water 15	%mud
Rec. 186	Feet Of	GMO	10 %gas	80 %oil	%water 10	%mud
Rec. 120	Feet Of	SOCMW	%gas 1	%oil	89 %water 10	%mud

BHT 109 °F Gravity 38 °API D@ 60 °F Corrected Gravity 38 °API

RW .08 @ 72 °F Chlorides 95000 ppm Recovery Chlorides 600 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1628	PSI	Recorder No.	3024	T-On Location	1045
(B) First Initial Flow Pressure		23	PSI	(depth)	3431	T-Started	1114
(C) First Final Flow Pressure		187	PSI	Recorder No.	11085	T-Open	1230
(D) Initial Shut-In Pressure		1035	PSI	(depth)	3477	T-Pulled	1500
(E) Second Initial Flow Pressure		186	PSI	Recorder No.	—	T-Out	1705
(F) Second Final Flow Pressure		272	PSI	(depth)	—	T-Off Location	1730
(G) Final Shut-in Pressure		1042	PSI	Initial Opening	30	Test ✓	700
(Q) Final Hydrostatic Mud		1610	PSI	Initial Shut-in	30	Jars	
				Final Flow	30	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓ 65	65
						Other	
						TOTAL PRICE $ ✓	$915

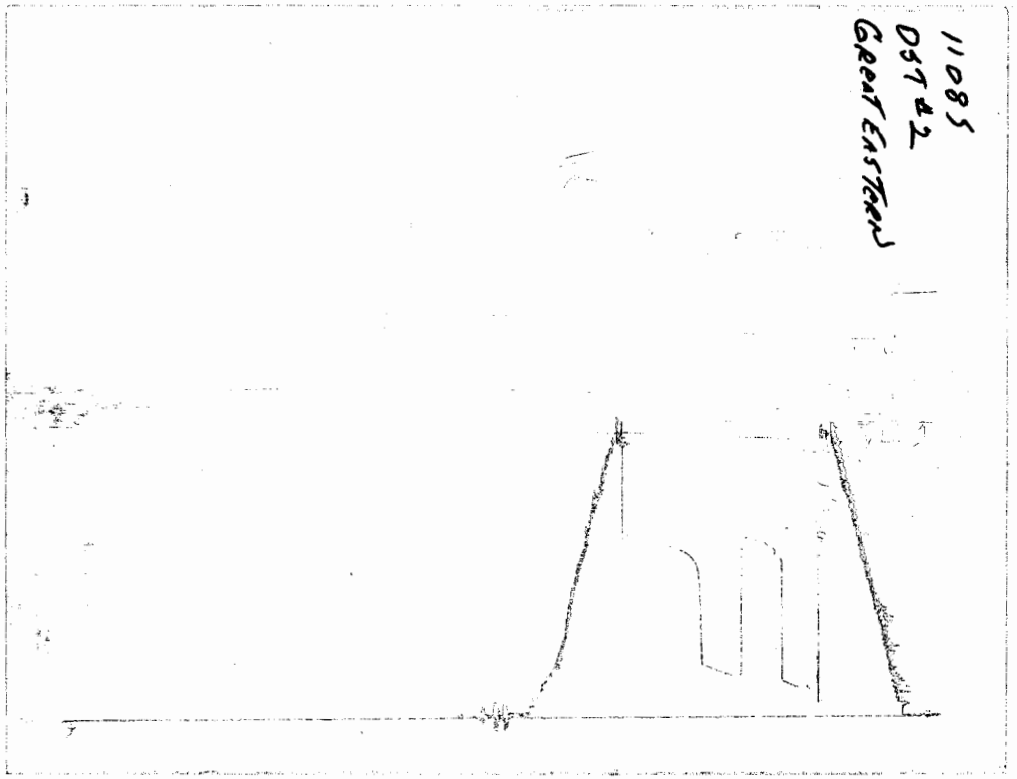
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Ray Schwager Thank you

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 16695

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 3 Date 10-20-02

Company Great Eastern Energy Zone Tested LKC

Address Box 150 Bogue, Ks 67625 Elevation 2195 KB 2190 GL

Co. Rep / Geo. Mike Davignon Cont. Murfin rig 8 Est. Ft. of Pay — Por. — %

Location: Sec. 3 Twp. 7S Rge. 21W Co. Graham State Ks

No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3481-3495 Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45000

Anchor Length 14 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000

Top Packer Depth 3476 Tool Weight 2200

Bottom Packer Depth 3481 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes

Total Depth 3495 Wt. Pipe Run — Drill Collar Run 120

Mud Wt. 8.9 LCM — Vis. 48 WL 8 Drill Pipe Size 4½ XH Ft. Run 3370

Blow Description IFP - Weak to a fair blow ½" to 5½" blow

FFP - Weak blow throughout ½" to 1" blow

No blow on shut-in

Recovery — Total Feet 300 GIP — Ft. in DC 120 Ft. in DP 180

Rec. 2	Feet Of Clean Oil	%gas	%oil	%water	%mud
Rec. 298	Feet Of MW w/show of oil	%gas	%oil	95 %water	5 %mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 108 °F Gravity — °API D@ — °F Corrected Gravity — °API

RW .14 @ 44 °F Chlorides 93000 ppm Recovery Chlorides 600 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1646	PSI	Recorder No.	3024	T-On Location	2215
(B) First Initial Flow Pressure		15	PSI	(depth)	3482	T-Started	2229
(C) First Final Flow Pressure		94	PSI	Recorder No.	11085	T-Open	0020
(D) Initial Shut-In Pressure		750	PSI	(depth)	3492	T-Pulled	0320
(E) Second Initial Flow Pressure		96	PSI	Recorder No.	—	T-Out	0515
(F) Second Final Flow Pressure		153	PSI	(depth)	—	T-Off Location	0530
(G) Final Shut-in Pressure		752	PSI	Initial Opening	30	Test ✓	700
(Q) Final Hydrostatic Mud		1640	PSI	Initial Shut-in	30	Jars	
				Final Flow	60	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓	18
						Other	
						TOTAL PRICE $ ✓	$968

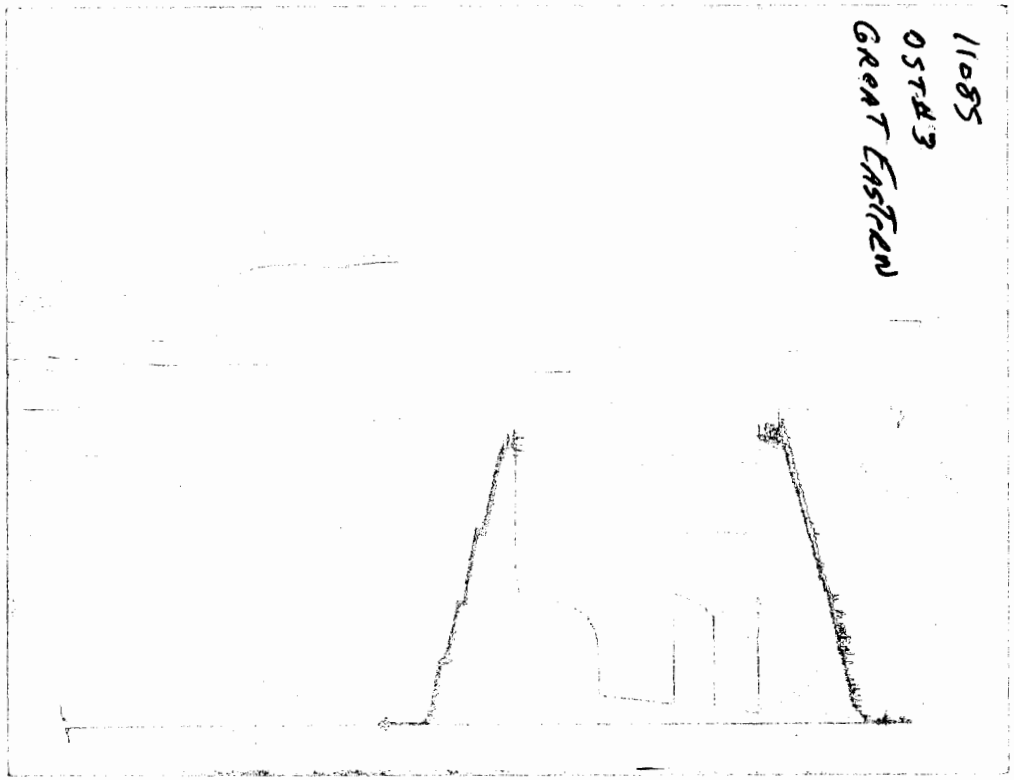
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Ray Schwager Thank you

CHART PAGE

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



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

№ 16696

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 4 Date 10-21-02
Company GREAT EASTERN ENERGY Zone Tested LKC
Address Box 150 Bogue, Ks 67625 Elevation 2195 KB 2190 GL
Co. Rep / Geo. Mike Davignon Cont. Murfin rig 8 Est. Ft. of Pay — Por. — %
Location: Sec. 3 Twp. 7S Rge. 21W Co. Graham State Ks
No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3492-3515 Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 46000
Anchor Length 23 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
Top Packer Depth 3487 Tool Weight 2200
Bottom Packer Depth 3492 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
Total Depth 3515 Wt. Pipe Run — Drill Collar Run 120
Mud Wt. 9 LCM — Vis. 49 WL 8 Drill Pipe Size 4½XH Ft. Run 3371
Blow Description IFP - WEAK TO STRONG IN 15 MIN
FFP - WEAK TO STRONG IN 8 MIN
WEAK BLOW ON SHUT-IN

Recovery — Total Feet 530 GIP 340 Ft. in DC 120 Ft. in DP 410

			%gas	%oil	%water	%mud
Rec. 125	Feet Of	CLEAN OIL				
Rec. 155	Feet Of	OCMW		10	65	25
Rec. 250	Feet Of	SOCW		1	99	
Rec.	Feet Of					
Rec.	Feet Of					

BHT 109 °F Gravity 40 °API D@ 61 °F Corrected Gravity 39 °API
RW .1088 @ 64 °F Chlorides 95000 ppm Recovery Chlorides 1250 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1658	PSI	Recorder No.	3024	T-On Location	1015
(B) First Initial Flow Pressure		33	PSI	(depth)	3493	T-Started	1039
(C) First Final Flow Pressure		135	PSI	Recorder No.	11085	T-Open	1215
(D) Initial Shut-In Pressure		886	PSI	(depth)	3512	T-Pulled	1515
(E) Second Initial Flow Pressure		136	PSI	Recorder No.	—	T-Out	1710
(F) Second Final Flow Pressure		242	PSI	(depth)	—	T-Off Location	1730
(G) Final Shut-in Pressure		883	PSI	Initial Opening	30	Test ✓	700
(Q) Final Hydrostatic Mud		1651	PSI	Initial Shut-in	30	Jars	
				Final Flow	60	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓	18 18
						Other	
						TOTAL PRICE $ ✓	#867

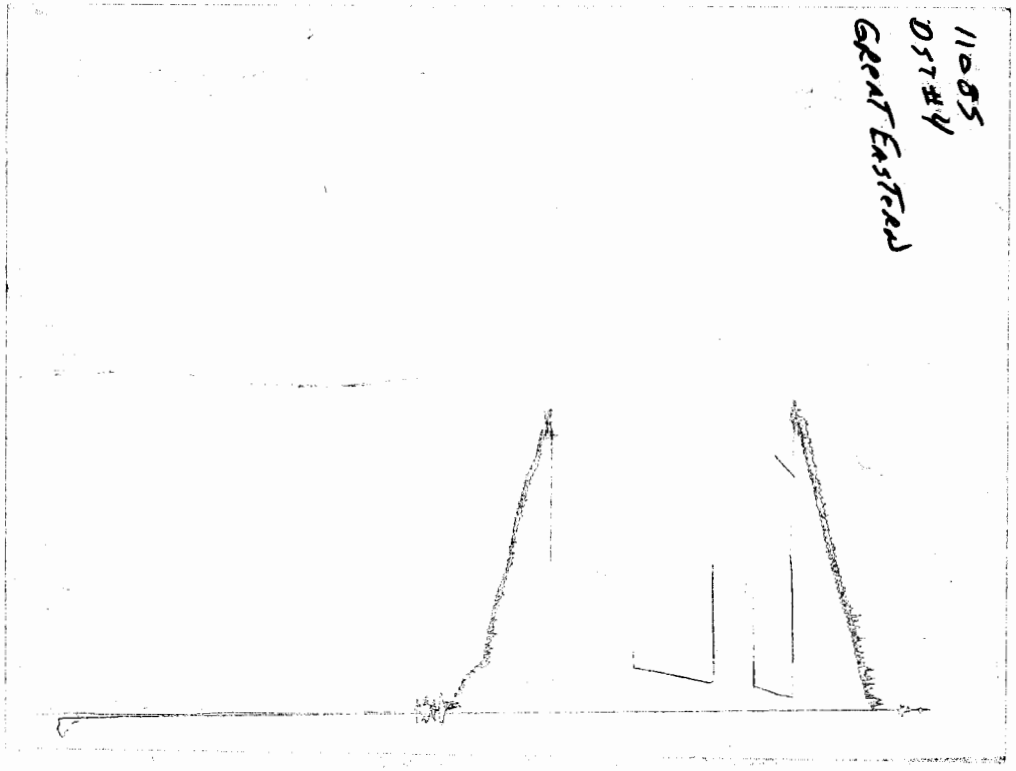
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative RAY SCHWAGER Thank You

CHART PAGE

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



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

№ 16697

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 5 Date 10-22-02
Company GREAT EASTERN ENERGY Zone Tested LKC
Address Box 150 Bogue, Ks 67625 Elevation 2195 KB 2190 GL
Co. Rep / Geo. Mike Davignon Cont. Murfin rig 8 Est. Ft. of Pay — Por. — %
Location: Sec. 3 Twp. 7S Rge. 21W Co. Graham State Ks
No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3570 - 3625 Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45000
Anchor Length 55 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
Top Packer Depth 3565 Tool Weight 2200
Bottom Packer Depth 3570 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
Total Depth 3625 Wt. Pipe Run — Drill Collar Run 120
Mud Wt. 9.1 LCM — Vis. 49 WL 8 Drill Pipe Size 4½XH Ft. Run 3435
Blow Description IFP — Weak Blow Throughout ½" To 2" Blow
FFP - Weak Blow Throughout ½" To 1½" Blow
No Blow on shut-in

Recovery — Total Feet 270 GIP 60 Ft. in DC 120 Ft. in DP 150

Rec. 30	Feet Of Clean Oil	%gas	%oil	%water	%mud
Rec. 60	Feet Of HOCM	%gas 40	%oil	%water 60	%mud
Rec. 120	Feet Of HO+GCM	10 %gas	20 %oil	%water 70	%mud
Rec. 60	Feet Of HO+GCM	20 %gas	30 %oil	%water 50	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 107 °F Gravity 38 °API D@ 60 °F Corrected Gravity 38 °API
RW — @ — °F Chlorides — ppm Recovery Chlorides 1250 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1726	PSI	Recorder No.	3024	T-On Location	0230
(B) First Initial Flow Pressure		13	PSI	(depth)	3572	T-Started	0255
(C) First Final Flow Pressure		83	PSI	Recorder No.	11085	T-Open	0440
(D) Initial Shut-In Pressure		1153	PSI	(depth)	3603	T-Pulled	0740
(E) Second Initial Flow Pressure		88	PSI	Recorder No.	—	T-Out	0930
(F) Second Final Flow Pressure		132	PSI	(depth)	—	T-Off Location	0945
(G) Final Shut-in Pressure		1066	PSI	Initial Opening	30	Test ✓	700
(Q) Final Hydrostatic Mud		1650	PSI	Initial Shut-in	30	Jars	
				Final Flow	60	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓	18 18
						Other	
						TOTAL PRICE $ ✓	868

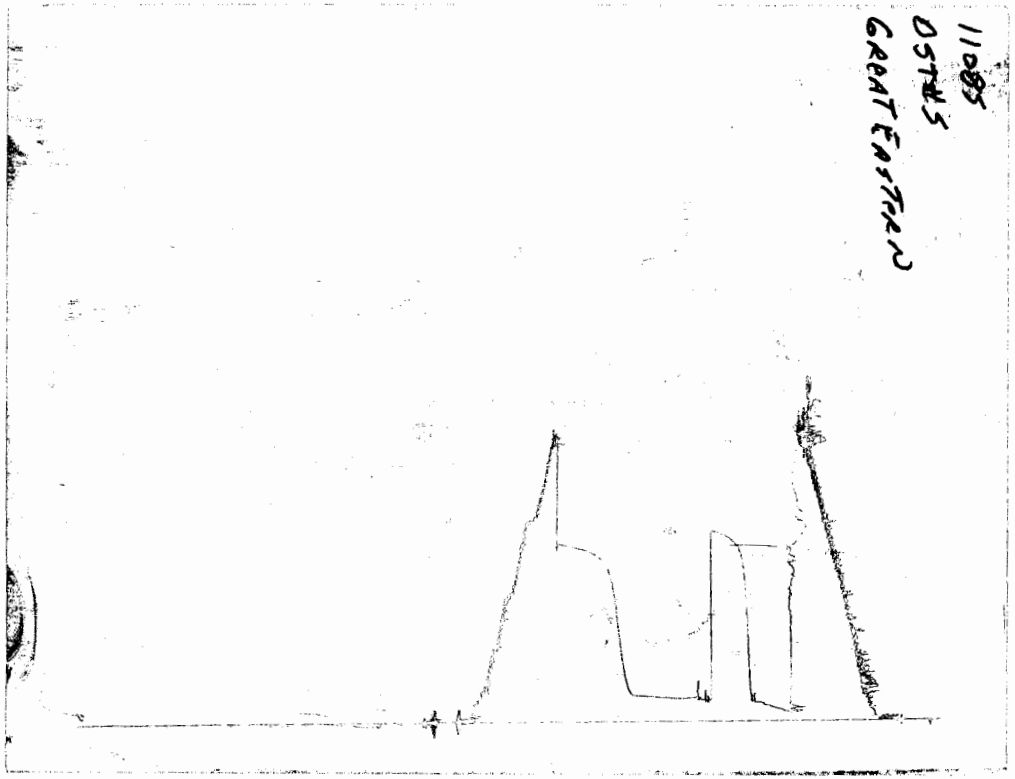
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Ray Schwager Thank you

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 16698

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 6 Date 10-22-02

Company GREAT EASTERN ENERGY Zone Tested Arbuckle

Address Box 150 Bogue, Ks 67625 Elevation 2195 KB 2190 GL

Co. Rep / Geo. Mike Davignon Cont. Murfin rig 8 Est. Ft. of Pay - Por. - %

Location: Sec. 3 Twp. 7S Rge. 21W Co. Graham State Ks

No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3648-3680 Initial Str Wt./Lbs. _____ Unseated Str Wt./Lbs. _____

Anchor Length 32 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. _____

Top Packer Depth 3643 Tool Weight 2200

Bottom Packer Depth 3648 Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes

Total Depth 3680 Wt. Pipe Run - Drill Collar Run 120

Mud Wt. 9.2 LCM 2 # Vis. 55 WL 8 Drill Pipe Size 4½ XH Ft. Run 3527

Blow Description IFP -

FFP -

MISRUN packer failure

Recovery — Total Feet 200 GIP - Ft. in DC 120 Ft. in DP 80

Rec. 80	Feet Of Mud w/show of oil	%gas	%oil	%water	%mud
Rec. 120	Feet Of Mud	%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 _____ °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2200 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud			PSI	Recorder No.	3024	T-On Location	1730
(B) First Initial Flow Pressure			PSI	(depth)	3649	T-Started	1758
(C) First Final Flow Pressure			PSI	Recorder No.	11085	T-Open	
(D) Initial Shut-In Pressure			PSI	(depth)	3677	T-Pulled	
(E) Second Initial Flow Pressure			PSI	Recorder No.	-	T-Out	2200
(F) Second Final Flow Pressure			PSI	(depth)	-	T-Off Location	2230
(G) Final Shut-in Pressure			PSI	Initial Opening		Test ✓	700
(Q) Final Hydrostatic Mud			PSI	Initial Shut-in		Jars	
				Final Flow		Safety Joint	
				Final Shut-in		Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓	18 18
						Other	
						TOTAL PRICE $ ✓	868

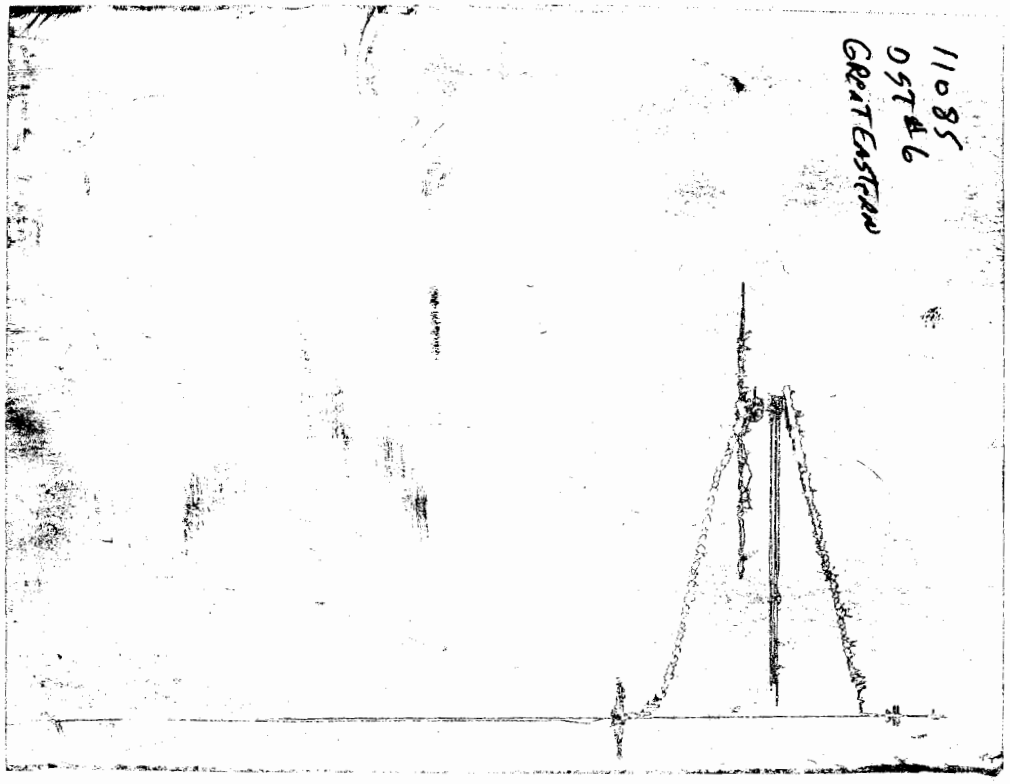
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By _____

Our Representative Ray Schwager Thank you

CHART PAGE

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



TRILOBITE TESTING INC.
P.O. Box 362 • Hays, Kansas 67601

№ 16699

Test Ticket

Well Name & No. Billips Bros B-3 Test No. 7 Date 10-23-02
Company GREAT EASTERN ENERGY Zone Tested Arbuckle
Address Box 150 Bogue, Ks 67601 Elevation 2195 KB 2190 GL
Co. Rep / Geo. Mike Davignon Cont. Murfin rig 8 Est. Ft. of Pay — Por. — %
Location: Sec. 3 Twp. 7S Rge. 21W Co. Graham State Ks
No. of Copies Reg Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3662 - 3682
Anchor Length 20
Top Packer Depth 3657
Bottom Packer Depth 3662
Total Depth 3682
Mud Wt. 9.2 LCM 2# Vis. 55 WL 8

Initial Str Wt./Lbs. 44000 Unseated Str Wt./Lbs. 45000
Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55000
Tool Weight 2200
Hole Size — 7 7/8" yes Rubber Size — 6 3/4" yes
Wt. Pipe Run — Drill Collar Run 120
Drill Pipe Size 4½ XH Ft. Run 3528

Blow Description IFP - Weak Blow Throughout ½" To 1" Blow
FFP - Weak Blow Throughout 1" Blow
No Blowon Shut-In

Recovery — Total Feet 12 GIP 110 Ft. in DC 12 Ft. in DP —

Rec. 2	Feet Of Clean Oil	%gas	%oil	%water	%mud
Rec. 10	Feet Of OCM	%gas	10 %oil	%water	90 %mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 96 °F Gravity — °API D@ — °F Corrected Gravity — °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 2200 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1762	PSI	Recorder No.	3024	T-On Location	0230
(B) First Initial Flow Pressure		12	PSI	(depth)	3663	T-Started	0321
(C) First Final Flow Pressure		20	PSI	Recorder No.	11085	T-Open	0510
(D) Initial Shut-In Pressure		242	PSI	(depth)	3679	T-Pulled	0810
(E) Second Initial Flow Pressure		23	PSI	Recorder No.	—	T-Out	1000
(F) Second Final Flow Pressure		33	PSI	(depth)	—	T-Off Location	1015
(G) Final Shut-in Pressure		289	PSI	Initial Opening	30	Test ✓	700
(Q) Final Hydrostatic Mud		1760	PSI	Initial Shut-in	30	Jars	
				Final Flow	60	Safety Joint	
				Final Shut-in	60	Straddle	
						Circ. Sub	
						Sampler	
						Extra Packer	
						Elec. Rec. ✓	150
						Mileage ✓	18 18
						Other	
						TOTAL PRICE $ ✓	$868

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 Ray Schwager Thank you

CHART PAGE

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

