

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oilco.LLC**

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

36--7s--21w

Benoit # 1-36

Start Date: 2004.09.10 @ 18:23:55
End Date: 2004.09.11 @ 00:37:25
Job Ticket #: 20307 DST #: 1

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

DRILL STEM TEST REPORT

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36--7s--21w

Job Ticket: 20307 **DST#: 1**

Test Start: 2004.09.10 @ 18:23:55

GENERAL INFORMATION:

Formation: **Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:59:25
Time Test Ended: 00:37:25

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

Interval: 3271.00 ft (KB) To 3299.00 ft (KB) (TVD)
Total Depth: 3299.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

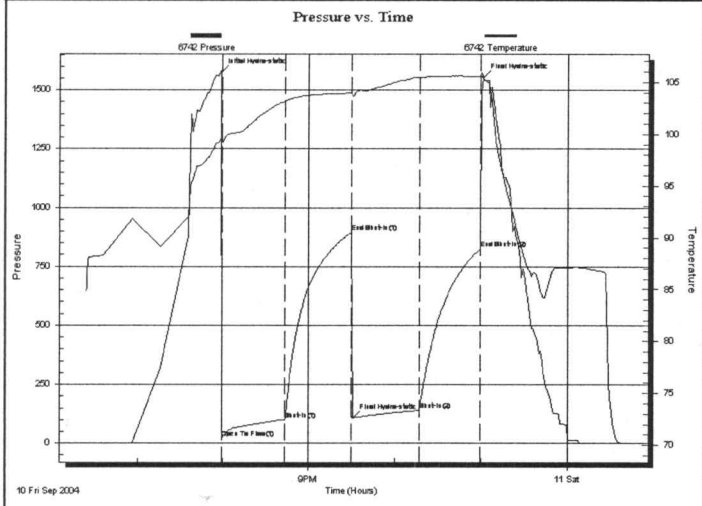
Reference Elevations: 2066.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 100.38 psig @ 3276.00 ft (KB)
Start Date: 2004.09.10 End Date: 2004.09.11
Start Time: 18:24:00 End Time: 00:37:24

Capacity: 7000.00 psig
Last Calib.: 2004.09.11
Time On Btm: 2004.09.10 @ 19:58:55
Time Off Btm: 2004.09.10 @ 21:30:55

TEST COMMENT: IF-Strong B.O.B.19-min. ISI-Very weak surface blow back.
FF-Good blow built to 9"in. FSI-Very weak surface blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1575.25	99.62	Initial Hydro-static
1	20.87	99.23	Open To Flow (1)
45	100.38	103.16	Shut-In(1)
91	896.42	103.94	End Shut-In(1)
92	108.01	103.59	Final Hydro-static
138	139.49	105.48	Shut-In(2)
181	826.73	105.57	End Shut-In(2)
182	1554.50	105.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	SOCMW-3%oO-15%M-82%W	1.44
110.00	Gassy oil 5%oil-95%Gas	1.54

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20307 **DST#: 1**

Test Start: 2004.09.10 @ 18:23:55

Tool Information

Drill Pipe:	Length:	3134.00 ft	Diameter:	3.80 inches	Volume:	43.96 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	44.57 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight:	Initial	54000.00 lb
Depth to Top Packer:		3271.00 ft						Final	56000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		28.00 ft							
Tool Length:		48.00 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			3252.00		
Shut In Tool	5.00			3257.00		
Hydraulic tool	5.00			3262.00		
Packer	4.00			3266.00	20.00	Bottom Of Top Packer
Packer	5.00			3271.00		
Stubb	1.00			3272.00		
Perforations	4.00			3276.00		
Recorder	0.00	6742	Inside	3276.00		
Perforations	20.00			3296.00		
Recorder	0.00	13308	Outside	3296.00		
Bullnose	3.00			3299.00	28.00	Bottom Packers & Anchor
Total Tool Length:	**48.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36--7s--21w

Job Ticket: 20307 **DST#: 1**

Test Start: 2004.09.10 @ 18:23:55

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

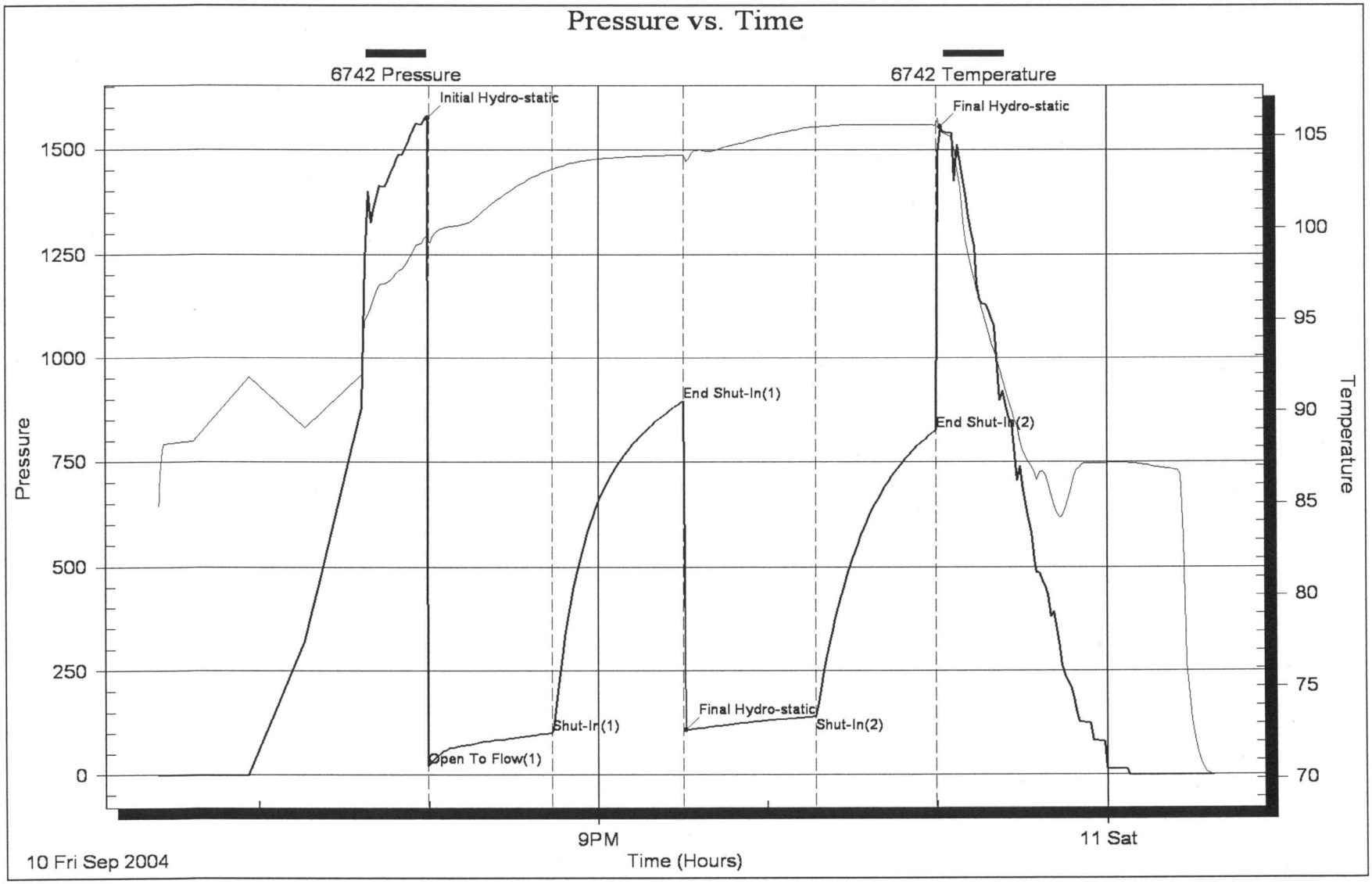
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	SOCMW-3%oO-15%M-82%W	1.437
110.00	Gassy oil 5%oil-95%Gas	1.543

Total Length: 293.00 ft Total Volume: 2.980 bbl

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


Pressure vs. Time
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Final Hydro-static
Shut-In(1)
Shut-In(2)
Open To Flow(1)
1500
1250
1000
750
500
250
0
Pressure
105
100
95
90
85
80
75
70
Temperature
9PM
11 Sat
10 Fri Sep 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oilco.LLC**

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

36--7s--21w

Benoit # 1-36

Start Date: 2004.09.11 @ 07:08:23
End Date: 2004.09.11 @ 13:19:53
Job Ticket #: 20308 DST #: 2

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

DRILL STEM TEST REPORT

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36--7s--21w

Job Ticket: 20308 **DST#: 2**

Test Start: 2004.09.11 @ 07:08:23

GENERAL INFORMATION:

Formation: **L.Kc.-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:47:53
Time Test Ended: 13:19:53

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

Interval: 3298.00 ft (KB) To 3316.00 ft (KB) (TVD)
Total Depth: 3316.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

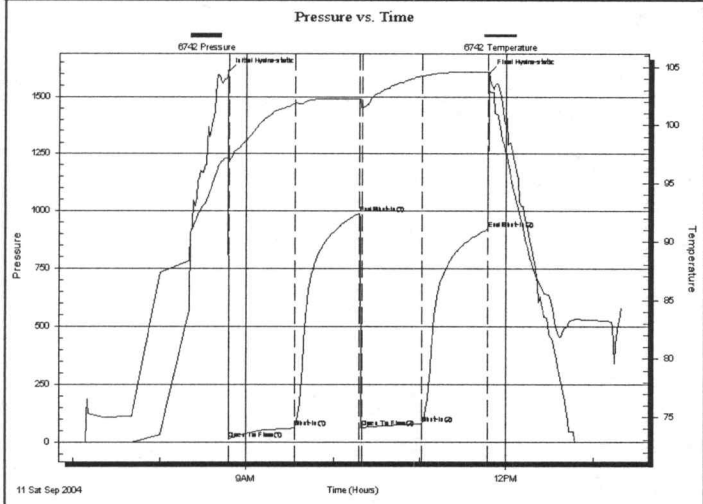
Reference Elevations: 2066.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 79.76 psig @ 3299.00 ft (KB)
Start Date: 2004.09.11 End Date: 2004.09.11
Start Time: 07:08:28 End Time: 13:19:52

Capacity: 7000.00 psig
Last Calib.: 2004.09.11
Time On Btm: 2004.09.11 @ 08:47:23
Time Off Btm: 2004.09.11 @ 11:48:23

TEST COMMENT: IF-Strong B.O.B. 40 min. ISI-Very weak blow back.
FF-Strong B.O.B.42 min. FSI-Very weak blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1607.26	97.23	Initial Hydro-static
1	14.22	96.94	Open To Flow (1)
46	62.09	101.92	Shut-In(1)
91	989.26	102.26	End Shut-In(1)
92	65.22	101.53	Open To Flow (2)
134	79.76	104.22	Shut-In(2)
180	922.51	104.58	End Shut-In(2)
181	1600.97	102.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
141.00	SGMCO-5%G-30%M-65%oil	0.85
45.00	Gassy oil-5%G-95%oil	0.63
	80 Gas in pipe	1.12

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20308 **DST#: 2**

Test Start: 2004.09.11 @ 07:08:23

Tool Information

Drill Pipe:	Length:	3162.00 ft	Diameter:	3.80 inches	Volume:	44.35 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:	44.96 bbl	

Drill Pipe Above KB:	8.00 ft
Depth to Top Packer:	3298.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	18.00 ft
Tool Length:	38.00 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:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	57000.00 lb
Final	58000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3279.00		
Shut In Tool	5.00			3284.00		
Hydraulic tool	5.00			3289.00		
Packer	4.00			3293.00	20.00	Bottom Of Top Packer
Packer	5.00			3298.00		
Stubb	1.00			3299.00		
Recorder	0.00	6742	Inside	3299.00		
Perforations	14.00			3313.00		
Recorder	0.00	13308	Outside	3313.00		
Bullnose	3.00			3316.00	18.00	Bottom Packers & Anchor
Total Tool Length:	**38.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36--7s--21w

Job Ticket: 20308 **DST#: 2**

Test Start: 2004.09.11 @ 07:08:23

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:	8.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

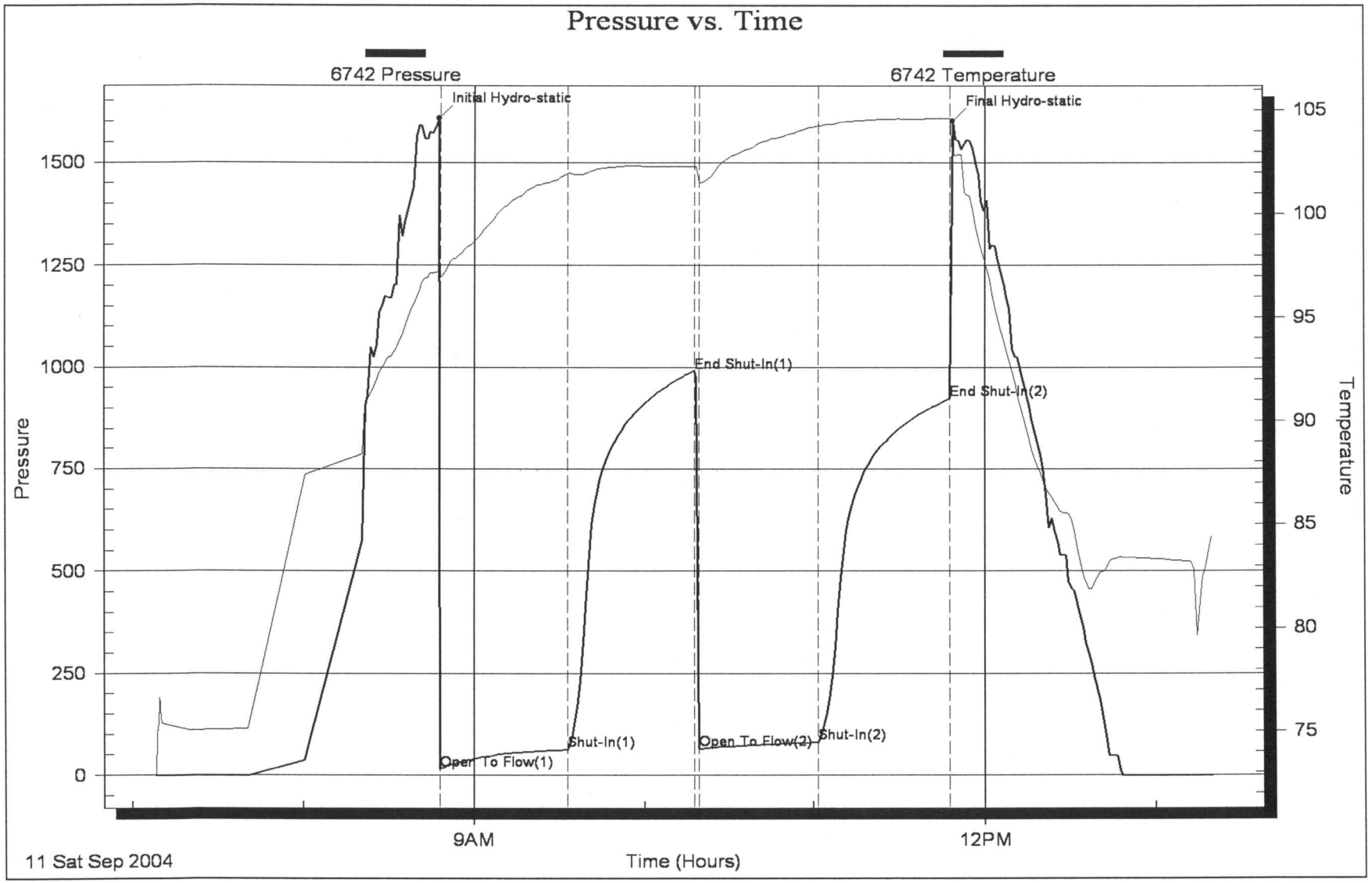
Length ft	Description	Volume bbl
141.00	SGMCO-5%G-30%M-65%oil	0.848
45.00	Gassy oil-5%G-95%oil	0.631
	80 Gas in pipe	1.122

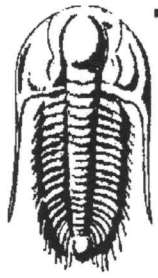
Total Length: 186.00 ft Total Volume: 2.601 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6742 Pressure
6742 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)
1500
1250
1000
750
500
250
0
Pressure
105
100
95
90
85
80
75
Temperature
9AM
12PM
11 Sat Sep 2004
Time (Hours)



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DRILL STEM TEST REPORT

Prepared For: **Baird Oilco.LLC**

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

36--7s--21w

Benoit # 1-36

Start Date: 2004.09.11 @ 20:23:47
End Date: 2004.09.12 @ 03:07:47
Job Ticket #: 20309 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

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20309 **DST#: 3**

Test Start: 2004.09.11 @ 20:23:47

GENERAL INFORMATION:

Formation: **L.Kc.-C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:53:17
Time Test Ended: 03:07:47

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

Interval: 3326.00 ft (KB) To 3353.00 ft (KB) (TVD)
Total Depth: 3353.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

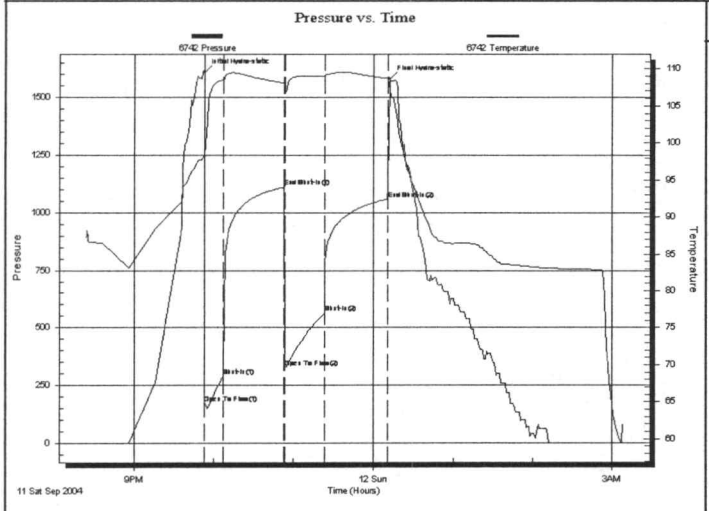
Reference Elevations: 2066.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 564.16 psig @ 3327.00 ft (KB)
Start Date: 2004.09.11 End Date: 2004.09.12
Start Time: 20:23:52 End Time: 03:07:46

Capacity: 7000.00 psig
Last Calib.: 2004.09.12
Time On Btm: 2004.09.11 @ 21:52:47
Time Off Btm: 2004.09.12 @ 00:11:47

TEST COMMENT: IF-Strong B.O.B.30 Sec. ISI-Strong B.O.B.10 min.
FF-Strong B.O.B.50 Sec. FSI-Strong B.O.B.13 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1608.63	98.31	Initial Hydro-static
1	172.94	98.28	Open To Flow (1)
15	290.18	108.53	Shut-In(1)
60	1109.28	108.07	End Shut-In(1)
61	327.90	106.63	Open To Flow (2)
91	564.16	108.99	Shut-In(2)
138	1058.39	108.70	End Shut-In(2)
139	1578.92	107.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCO-5%G-25%M-70%oil	1.40
1323.00	Gassy oil10%gas-90%oil	18.56

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20309 **DST#: 3**

Test Start: 2004.09.11 @ 20:23:47

Tool Information

Drill Pipe:	Length:	3193.00 ft	Diameter:	3.80 inches	Volume:	44.79 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		70000.00 lb
					Total Volume:	45.40 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		11.00 ft					String Weight:	Initial	58000.00 lb
Depth to Top Packer:		3326.00 ft						Final	64000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		27.00 ft							
Tool Length:		47.00 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			3307.00		
Shut In Tool	5.00			3312.00		
Hydraulic tool	5.00			3317.00		
Packer	4.00			3321.00	20.00	Bottom Of Top Packer
Packer	5.00			3326.00		
Stubb	1.00			3327.00		
Recorder	0.00	6742	Inside	3327.00		
Perforations	23.00			3350.00		
Recorder	0.00	11084	Outside	3350.00		
Bullnose	3.00			3353.00	27.00	Bottom Packers & Anchor
Total Tool Length:	**47.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20309 **DST#: 3**

Test Start: 2004.09.11 @ 20:23:47

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

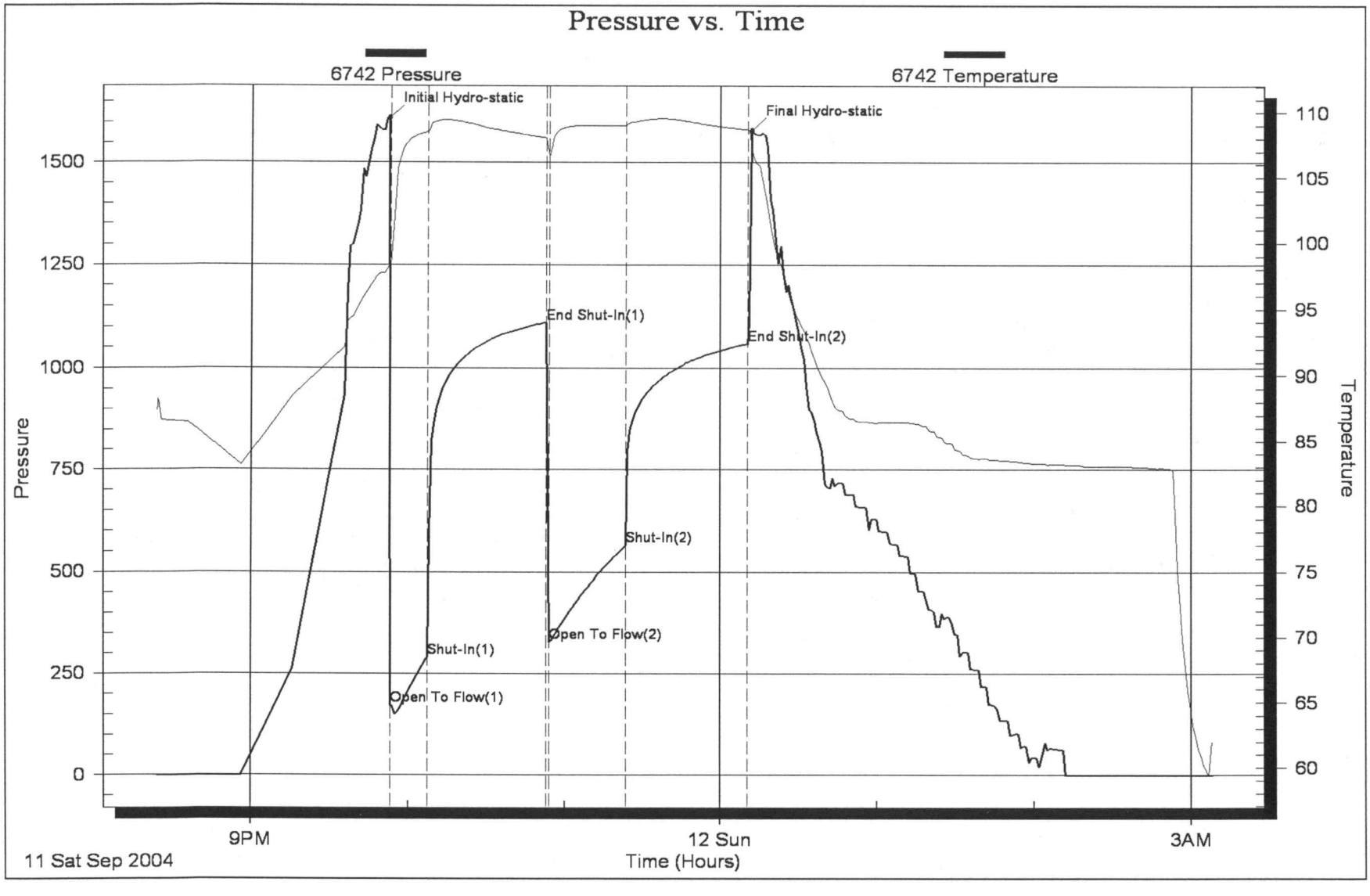
Length ft	Description	Volume bbl
180.00	GMCO-5%G-25%M-70%oil	1.395
1323.00	Gassy oil10%gas-90%oil	18.558

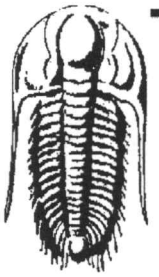
Total Length: 1503.00 ft Total Volume: 19.953 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6742 Pressure
6742 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
9PM
12 Sun
3AM
11 Sat Sep 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oilco.LLC**

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

36--7s--21w

Benoit # 1-36

Start Date: 2004.09.12 @ 09:49:20
End Date: 2004.09.12 @ 13:43:50
Job Ticket #: 20310 DST #: 4

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

DRILL STEM TEST REPORT

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20310 **DST#: 4**

Test Start: 2004.09.12 @ 09:49:20

GENERAL INFORMATION:

Formation: **L.Kc.-D**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:32:20
Time Test Ended: 13:43:50

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

Interval: 3351.00 ft (KB) To 3370.00 ft (KB) (TVD)
Total Depth: 3370.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

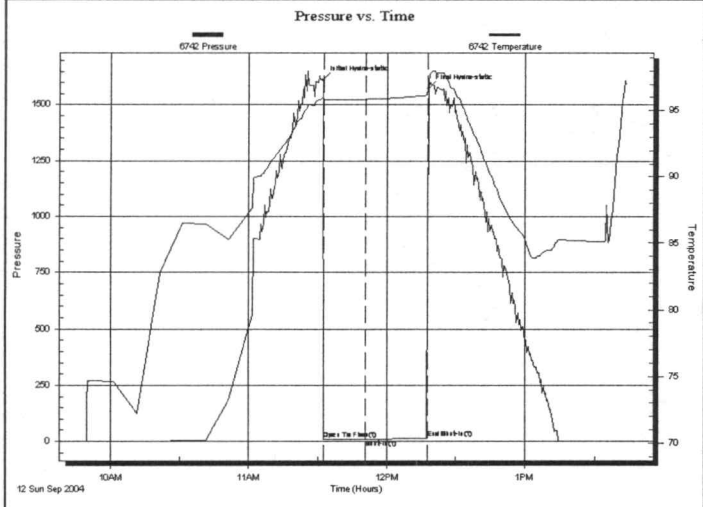
Reference Elevations: 2066.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 9.65 psig @ 3352.00 ft (KB)
Start Date: 2004.09.12 End Date: 2004.09.12
Start Time: 09:49:25 End Time: 13:43:50

Capacity: 7000.00 psig
Last Calib.: 2004.09.12
Time On Btm: 2004.09.12 @ 11:31:50
Time Off Btm: 2004.09.12 @ 12:17:50

TEST COMMENT: IF-Weak Dead in 6 min. ISI-Dead.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.15	95.98	Initial Hydro-static
1	9.25	95.78	Open To Flow (1)
19	9.65	95.84	Shut-In(1)
46	13.34	96.15	End Shut-In(1)
46	1575.00	97.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20310 **DST#: 4**

Test Start: 2004.09.12 @ 09:49:20

Tool Information

Drill Pipe:	Length:	3225.00 ft	Diameter:	3.80 inches	Volume:	45.24 bbl	Tool Weight:		2200.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:		25000.00 lb
Drill Collar:	Length:	124.00 ft	Diameter:	2.25 inches	Volume:	0.61 bbl	Weight to Pull Loose:		60000.00 lb
					Total Volume:	45.85 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight:	Initial	58000.00 lb
Depth to Top Packer:		3351.00 ft						Final	58000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		19.00 ft							
Tool Length:		39.00 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			3332.00		
Shut In Tool	5.00			3337.00		
Hydraulic tool	5.00			3342.00		
Packer	4.00			3346.00	20.00	Bottom Of Top Packer
Packer	5.00			3351.00		
Stubb	1.00			3352.00		
Recorder	0.00	6742	Inside	3352.00		
Perforations	15.00			3367.00		
Recorder	0.00	13308	Outside	3367.00		
Bullnose	3.00			3370.00	19.00	Bottom Packers & Anchor
Total Tool Length:	**39.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20310 **DST#: 4**

Test Start: 2004.09.12 @ 09:49:20

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:	7.59 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

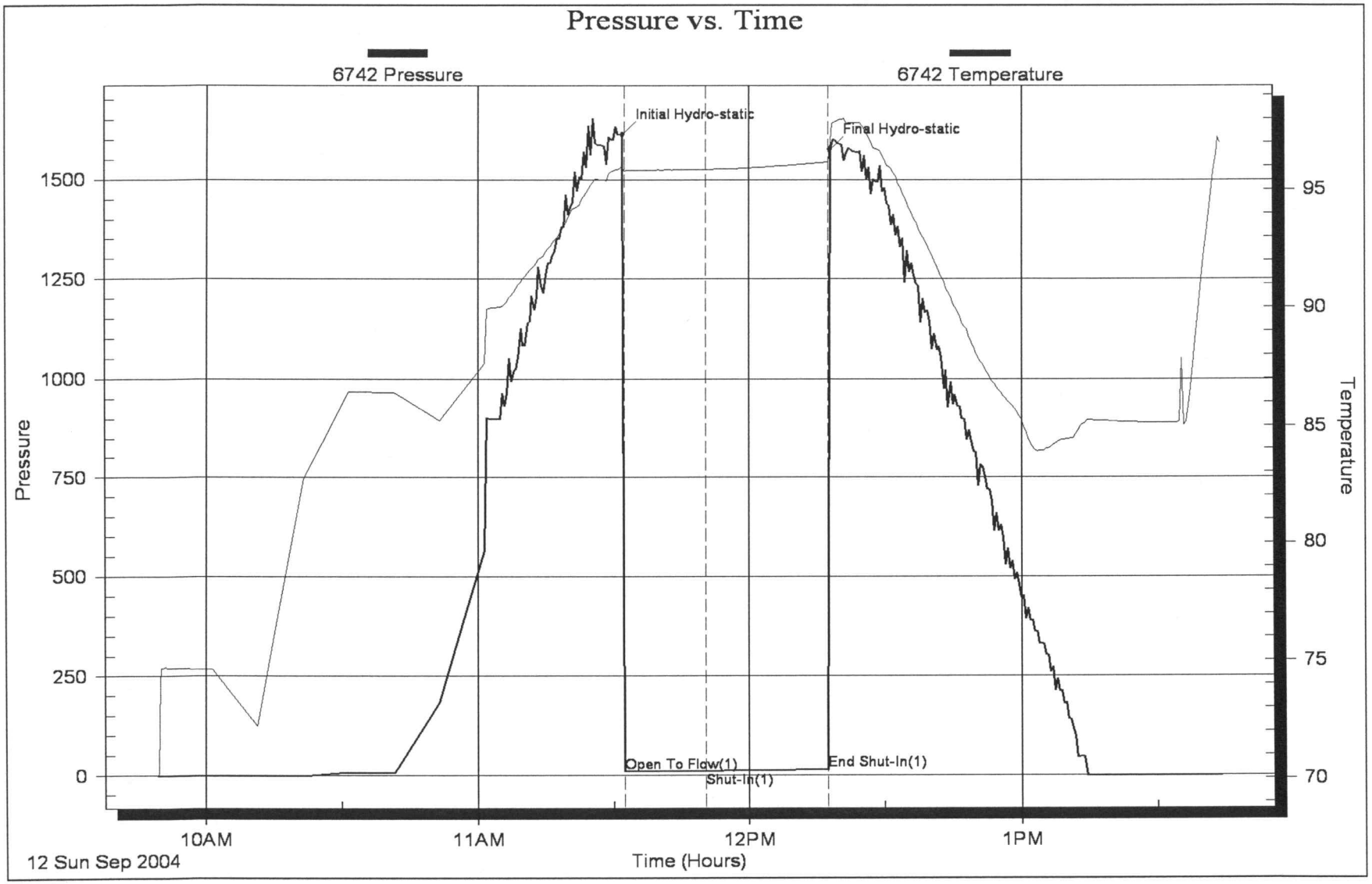
Recovery Information

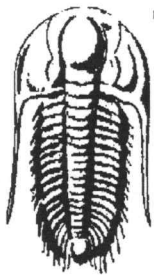
Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	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
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Pressure
Temperature
1500
1250
1000
750
500
250
0
95
90
85
80
75
70
10AM
11AM
12PM
1PM
12 Sun Sep 2004
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oilco.LLC**

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

36--7s--21w

Benoit # 1-36

Start Date: 2004.09.12 @ 21:10:30
End Date: 2004.09.13 @ 01:24:30
Job Ticket #: 20311 DST #: 5

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

DRILL STEM TEST REPORT

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20311 **DST#: 5**

Test Start: 2004.09.12 @ 21:10:30

GENERAL INFORMATION:

Formation: **L.Kc.-E&F**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:26:30
Time Test Ended: 01:24:30

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

Interval: 3367.00 ft (KB) To 3390.00 ft (KB) (TVD)
Total Depth: 3390.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

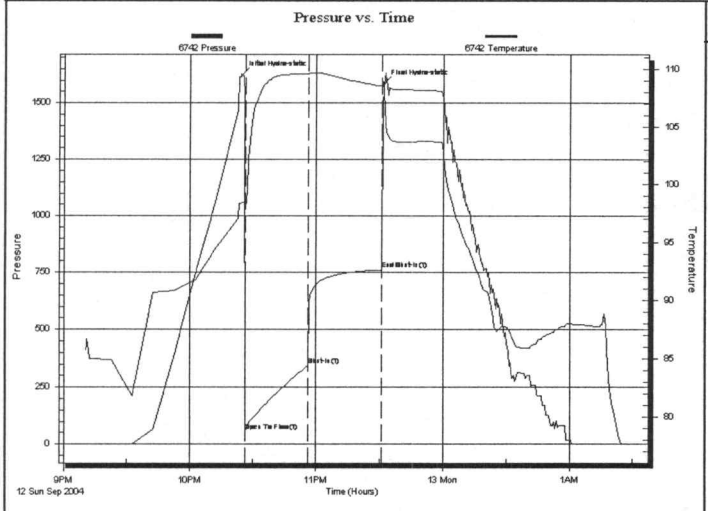
Reference Elevations: 2066.00 ft (KB)
2061.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6742 **Inside**

Press@RunDepth: 344.15 psig @ 3368.00 ft (KB)
Start Date: 2004.09.12 End Date: 2004.09.13
Start Time: 21:10:35 End Time: 01:24:30

Capacity: 7000.00 psig
Last Calib.: 2004.09.13
Time On Btm: 2004.09.12 @ 22:24:30
Time Off Btm: 2004.09.12 @ 23:32:00

TEST COMMENT: IF-Strong B.O.B.3 min. ISI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1623.07	98.42	Initial Hydro-static
2	56.77	97.92	Open To Flow (1)
32	344.15	109.61	Shut-In(1)
67	761.44	108.57	End Shut-In(1)
68	1584.83	107.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
710.00	Muddy salt w ater10%M-90%W	8.83

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20311 **DST#: 5**

Test Start: 2004.09.12 @ 21:10:30

Tool Information

Drill Pipe:	Length:	3253.00 ft	Diameter:	3.80 inches	Volume:	45.63 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:	46.24 bbl	

Drill Pipe Above KB:	30.00 ft
Depth to Top Packer:	3367.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	23.00 ft
Tool Length:	43.00 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:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	58000.00 lb
Final	59000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3348.00		
Shut In Tool	5.00			3353.00		
Hydraulic tool	5.00			3358.00		
Packer	4.00			3362.00	20.00	Bottom Of Top Packer
Packer	5.00			3367.00		
Stubb	1.00			3368.00		
Recorder	0.00	6742	Inside	3368.00		
Perforations	19.00			3387.00		
Recorder	0.00	13308	Outside	3387.00		
Bullnose	3.00			3390.00	23.00	Bottom Packers & Anchor
Total Tool Length:	**43.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oilco.LLC

P.O.Box 428
Logan,Ks.67646

ATTN: Jim Baird

Benoit # 1-36

36–7s–21w

Job Ticket: 20311 **DST#: 5**

Test Start: 2004.09.12 @ 21:10:30

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:	65000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

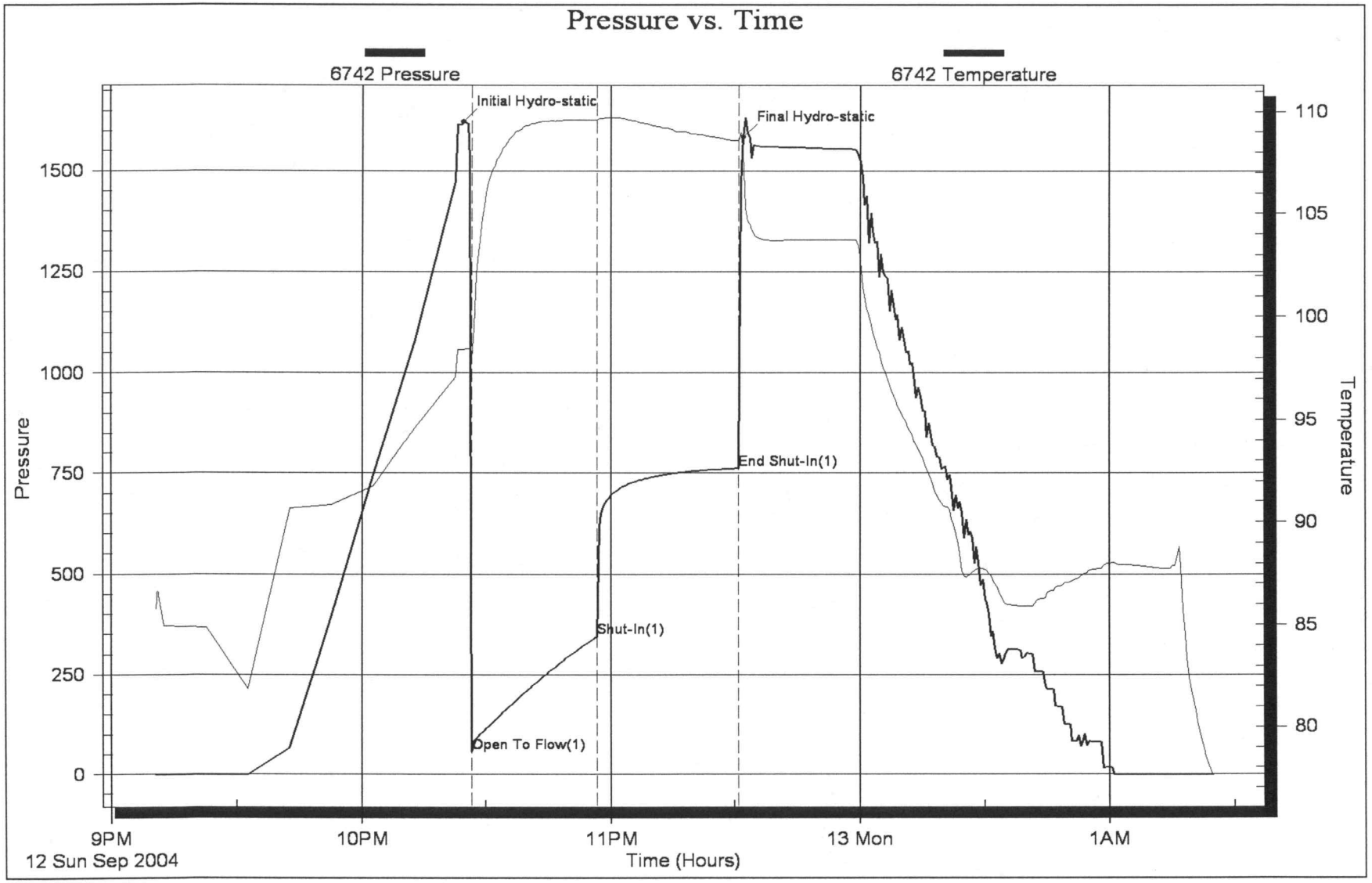
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
710.00	Muddy salt water10%M-90%W	8.830

Total Length: 710.00 ft Total Volume: 8.830 bbl

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


Pressure vs. Time
6742 Pressure
6742 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Shut-In(1)
Open To Flow(1)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
9PM
12 Sun Sep 2004
10PM
11PM
13 Mon
1AM
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

INV 6765

№ 20307

05/03

Test Ticket

Well Name & No. BENOIT #1-36 Test No. #1 Date 9-10-04

Company BAIRD OIL CO. LLC. Zone Tested TORONTO

Address P.O. BOX 428 LOGAN, KS 67646 Elevation 2066 KB 2061 GL

Co. Rep / Geo. GARY GENSCH Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 7S Rge. 21W Co. GRAHAM State KS.

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

Interval Tested 3271 To 3299 Initial Str Wt./Lbs. 54,000 Unseated Str Wt/Lbs. 56,000

Anchor Length 28' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 3266 Tool Weight 2,200

Bottom Packer Depth 3271 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3299 Wt. Pipe Run 0 Drill Collar Run 124'

Mud Wt. 8.8 LCM 0 Vis. 48 WL 8.4 Drill Pipe Size 4½XH Ft. Run 3134

Blow Description IF- STRONG B.O.B. 19-min. ISI. VERY WEAK SURF. BLOW BACK FF- GOOD BLOW BUILT TO 9"1/2. FSI- VERY WEAK SURF. BLOW BACK

Recovery - Total Feet 293' GIP 0 Ft. in DC 124 Ft. in DP 169

Rec. 183	Feet of SOCMW	%gas	3 %oil	82 %water	15 %mud
Rec. 110	Feet of GASSY OIL	5 %gas	95 %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 105 °F Gravity 30 °API D @ 80 °F Corrected Gravity 28 °API

RW .13 @ 75 °F Chlorides _____ ppm Recovery 55,000 Chlorides 600 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1575 PSI	Recorder No.	6742	Test B. HOLE 900
(B) First Initial Flow Pressure		20 PSI	(depth)	3276	Elec. Rec. ✓
(C) First Final Flow Pressure		100 PSI	Recorder No.	13308	Jars
(D) Initial Shut-In Pressure		896 PSI	(depth)	3296	Safety Jt.
(E) Second Initial Flow Pressure		108 PSI	Recorder No.		Circ Sub
(F) Second Final Flow Pressure		139 PSI	(depth)		Sampler
(G) Final Shut-In Pressure		826 PSI	**Initial Opening**	45	Straddle
(Q) Final Hydrostatic Mud		1554 PSI	Initial Shut-In	45	Ext. Packer
			Final Flow	45	Shale Packer 89.25
			Final Shut-In	45	Mileage 105-R.-TRIP 89.25
			T-On Location	17:00	Sub Total: 989.25
			T-Started	18:23	Std. By
			T-Open	19:59	Other
			T-Pulled	23:00	Total:
			T-Out	00:37	

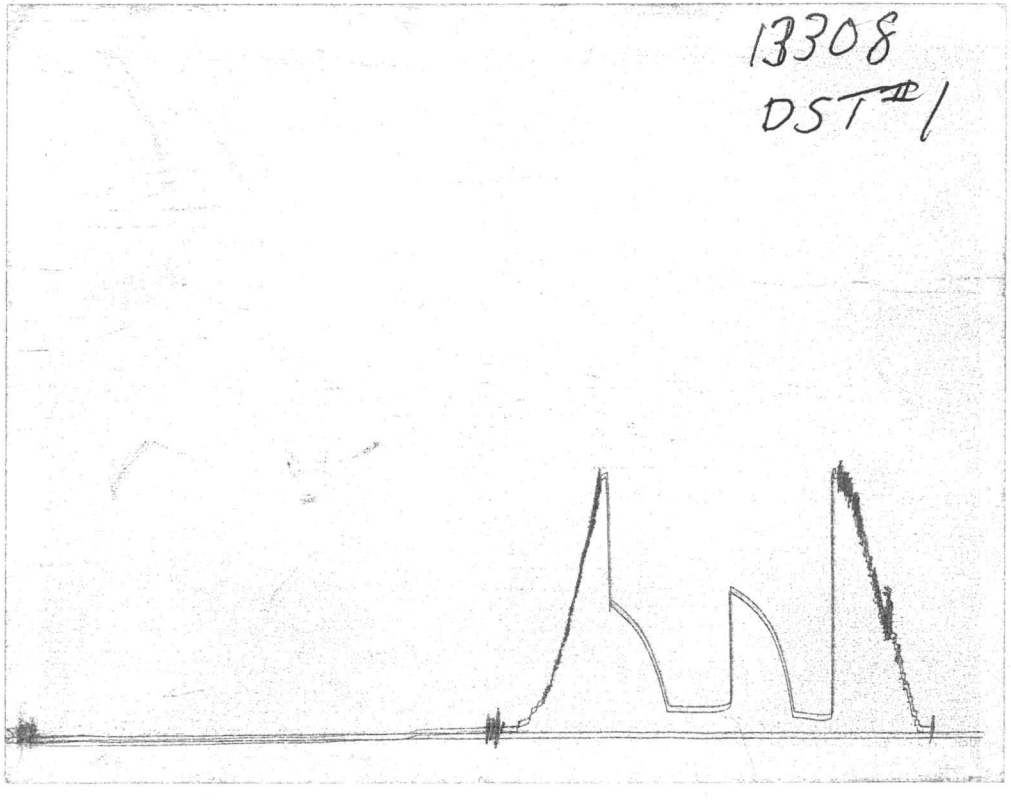
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Approved By Gary F. Gensch

Our Representative John J. Schmidt

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 20308

Test Ticket

Well Name & No. BENOIT #1-36 Test No. #2 Date 9-11-04

Company BAIRD OIL Co. LLC Zone Tested L. KC. - A

Address _____ Elevation 2066 KB 2061 GL

Co. Rep / Geo. GARY GENSCH Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 7S Rge. 21W Co. GRAHAM State KS

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

Interval Tested 3298 To 3316 Initial Str Wt./Lbs. 57,000 Unseated Str Wt/Lbs. 58,000

Anchor Length 18' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000

Top Packer Depth 3293 Tool Weight 2,200

Bottom Packer Depth 3298 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3316 Wt. Pipe Run 0 Drill Collar Run 124

Mud Wt. 9.1 LCM 0 Vis. 49 WL 8.4 Drill Pipe Size 4½ XH Ft. Run _____

Blow Description IF-STRONG-B.O.B. 40-min, ISI-VERY WEAK BLOW BACK
FF-STRONG-B.O.B. 42-min, FSI-VERY WEAK BOW BACK

Recovery - Total Feet 186 GIP 80 Ft. in DC 124 Ft. in DP 62

Rec. 141	Feet of SGMCO	5 %gas	65 %oil	%water	30 %mud
Rec. 45	Feet of GASSY OIL	5 %gas	95 %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 104 °F Gravity 40 °API D @ 80 °F Corrected Gravity 38 °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 1150 ppm System

	AK-1	Alpine					
(A)Initial Hydrostatic Mud		1607 PSI	Recorder No.	6742	Test	B. HOLE
(B) First Initial Flow Pressure		14 PSI	(depth)	3299	Elec. Rec.	✓
(C) First Final Flow Pressure		62 PSI	Recorder No.	13308	Jars	
(D) Initial Shut-In Pressure		989 PSI	(depth)	3313	Safety Jt.	
(E) Second Initial Flow Pressure		65 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		79 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		922 PSI	**Initial Opening**	45	Straddle	
(Q) Final Hydrostatic Mud		1600 PSI	Initial Shut-In	45	Ext. Packer	
			Final Flow	45	Shale Packer	
			Final Shut-In	45	Mileage	105 - R. TRIP
			T-On Location	06:35	Sub Total:	
			T-Started	07:08	Std. By	989.25
			T-Open	08:47	Other	
			T-Pulled	11:48	Total:	
			T-Out	13:19		

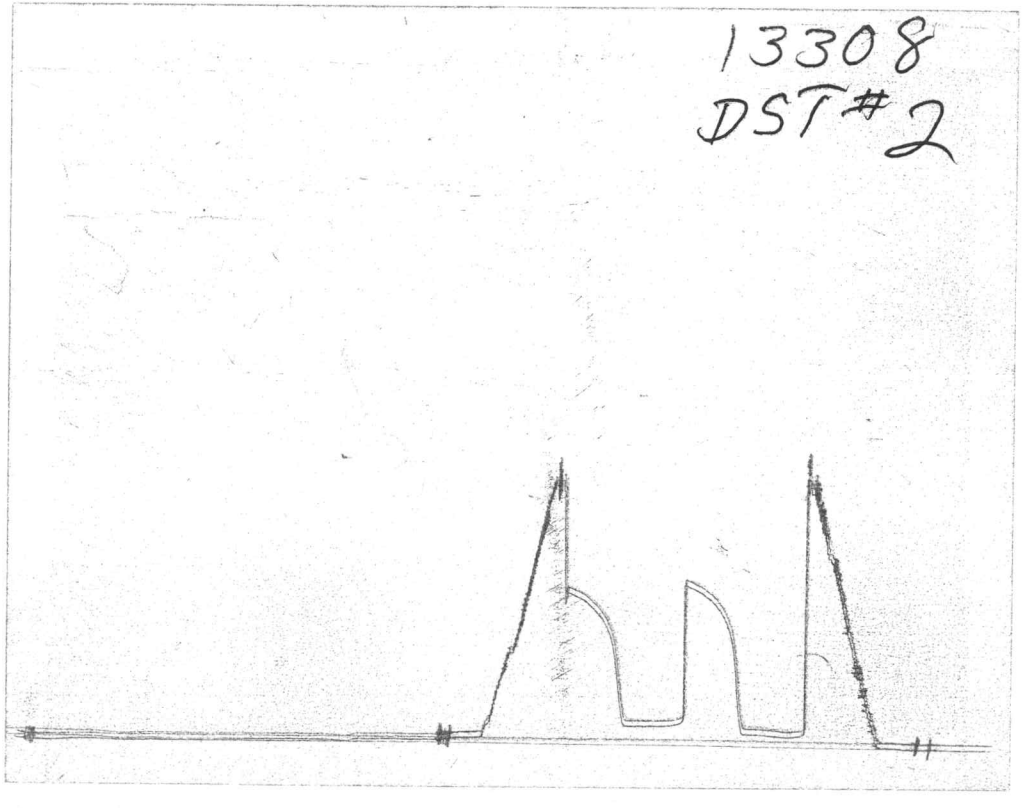
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Approved By Gary F Gensch

Our Representative John J. Schmidt

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 20309

Test Ticket

Well Name & No. BENOIT #1-36 Test No. #3 Date 9-11-04

Company BAIRD OIL CO. LLC, Zone Tested L. KC. - C

Address _____ Elevation 2066 KB 2061 GL

Co. Rep / Geo. GARY GENSCH Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 7S Rge. 21W Co. GRAHAM State KS

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

Interval Tested 3326 To 3353 Initial Str Wt./Lbs. 58,000 Unseated Str Wt/Lbs. 64,000

Anchor Length 27' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000

Top Packer Depth 3321 Tool Weight 2,200

Bottom Packer Depth 3326 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓

Total Depth 3353 Wt. Pipe Run 0 Drill Collar Run 124

Mud Wt. 9.1 LCM TR. Vis. 55 WL 7.6 Drill Pipe Size 4½ XH Ft. Run 3193

Blow Description IF. - STRONG B.O.B. 30 SEC, ISI. - STRONG B.O.B. - 10-min.
FF. - STRONG B.O.B. 50 SEC, FSI. - STRONG B.O.B. - 13-min

TOOL SLID 4' TO BOTTOM LOST 4' MUD

Recovery - Total Feet 1503 GIP 1364 Ft. in DC 124 Ft. in DP 1379

Rec. 180	Feet of GMCO	5 %gas	70 %oil	%water	25 %mud	
Rec. 1323	Feet of GASSY OIL	10 %gas	90 %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 108 °F Gravity 39 °API D @ 80 °F Corrected Gravity 37 °API

RW ~ @ ~ °F Chlorides ~ ppm Recovery ~ Chlorides 1150 ppm System

	AK-1	Alpine
(A)Initital Hydrostatic Mud		1608 PSI
(B) First Initial Flow Pressure		172 PSI
(C) First Final Flow Pressure		290 PSI
(D) Initial Shut-In Pressure		1109 PSI
(E) Second Initial Flow Pressure		327 PSI
(F) Second Final Flow Pressure		564 PSI
(G) Final Shut-In Pressure		1058 PSI
(Q) Final Hydrostatic Mud		1578 PSI

Recorder No.	6742
(depth)	3327
Recorder No.	13308
(depth)	3350
Recorder No.	
(depth)	
Initial Opening	15
Initial Shut-In	45
Final Flow	30
Final Shut-In	45
T-On Location	19:45
T-Started	20:23
T-Open	21:53
T-Pulled	00:11
T-Out	03:07

Test	B. HOLE
Elec. Rec.	✓
Jars	
Safety Jt.	
Circ Sub	
Sampler	
Straddle	
Ext. Packer	
Shale Packer	
Mileage	105 - R.TRIP
Sub Total:	989.25
Std. By	
Other	
Total:	

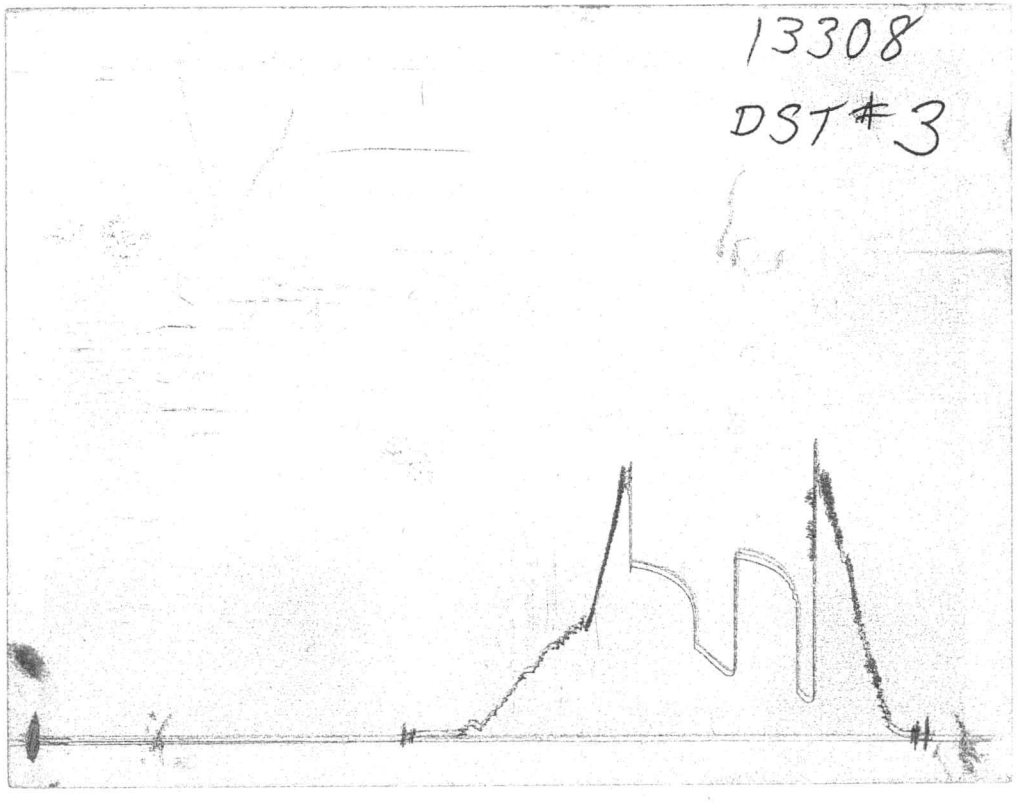
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Approved By Gary F Gensch

Our Representative John J. Schmidt

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

№ 20310

05/03

Test Ticket

Well Name & No. BENOIT #1-36 Test No. #4 Date 9-12-04

Company BAIRD OIL CO LLC Zone Tested L, KC. D

Address _____ Elevation 2066 KB 2061 GL

Co. Rep / Geo. GARY GENSCH Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 7S Rge. 21W Co. GRAHAM State KS

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

Interval Tested 3351 To 3370 Initial Str Wt./Lbs. 58,000 Unseated Str Wt/Lbs. 58,000

Anchor Length 19' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 69,000

Top Packer Depth 3346 Tool Weight 2,200

Bottom Packer Depth 3351 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3370 Wt. Pipe Run ~~4½ XH~~ Drill Collar Run 124

Mud Wt. 9.0 LCM TR Vis. 47 WL 7.6 Drill Pipe Size 4½ XH Ft. Run 3225

Blow Description IF. - WEAK DEAD IN 6-MIN. ISI. - DEAD

Recovery - Total Feet 2' GIP 0 Ft. in DC 2 Ft. in DP 0

Rec. 2'	Feet of DRILLING 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
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 96 °F Gravity _____ °API D @ — °F Corrected Gravity — °API

RW — @ — °F Chlorides — ppm Recovery — Chlorides 1150 ppm System

	AK-1 Alpine				
(A) Initial Hydrostatic Mud	1613 PSI	Recorder No.	6742	Test	B. HOLE
(B) First Initial Flow Pressure	9 PSI	(depth)	3352	Elec. Rec.	—
(C) First Final Flow Pressure	9 PSI	Recorder No.	13308	Jars	
(D) Initial Shut-In Pressure	13 PSI	(depth)	3367	Safety Jt.	
(E) Second Initial Flow Pressure	— PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure	— PSI	(depth)		Sampler	
(G) Final Shut-In Pressure	— PSI	**Initial Opening**	15	Straddle	
(Q) Final Hydrostatic Mud	1575 PSI	Initial Shut-In	30	Ext. Packer	
		Final Flow	—	Shale Packer	
		Final Shut-In	—	Mileage	105-R. TRIP
		T-On Location	09:30	Sub Total:	989.25
		T-Started	09:49	Std. By	
		T-Open	11:32	Other	
		T-Pulled	12:17	Total:	
		T-Out	13:43		

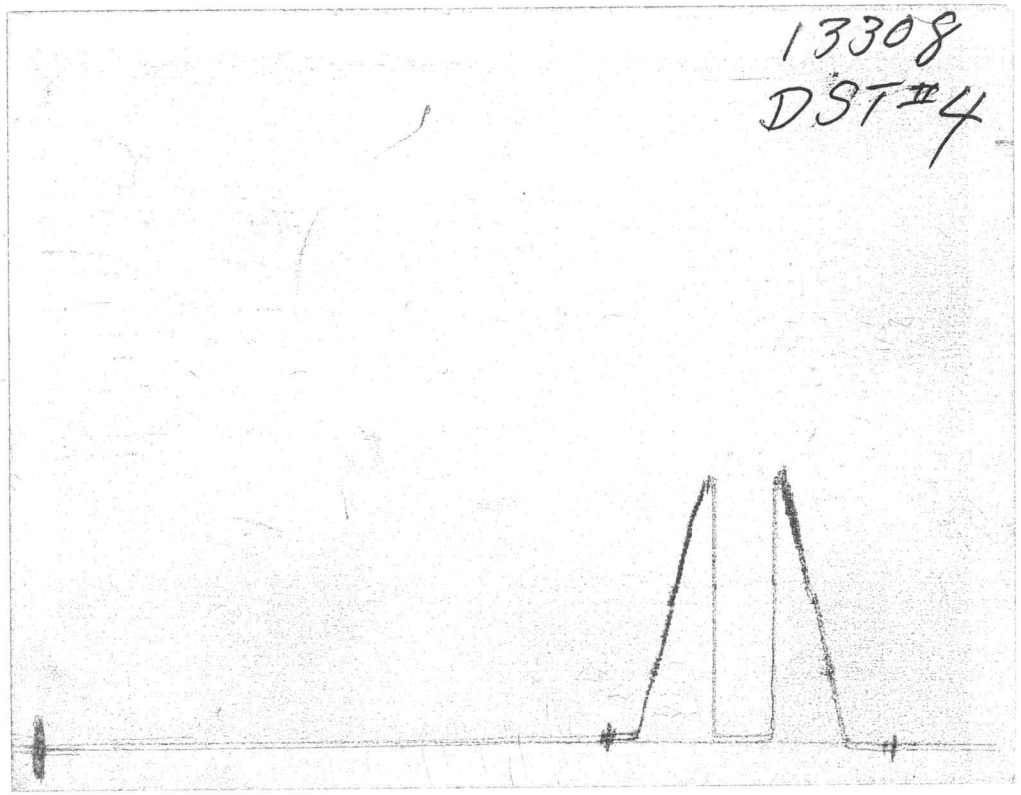
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Gary Gensch

Our Representative John J. Schmidt

CHART PAGE

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



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

№ 20311

Test Ticket

Well Name & No. BENOIT #1-36 Test No. #5 Date 9-12-04

Company BAIRD OIL Co, LLC Zone Tested L. KC. - E+F

Address _____ Elevation 2066 KB 2061 GL

Co. Rep / Geo. GARY GENSCH Cont. MURFIN #16 Est. Ft. of Pay _____ Por. _____ %

Location: Sec. 36 Twp. 7S Rge. 21W Co. GRAHAM State KS

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

Interval Tested 3367 TO 3390 Initial Str Wt./Lbs. 58,000 Unseated Str Wt/Lbs. 59,000

Anchor Length 23' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000

Top Packer Depth 3362 Tool Weight 2,200

Bottom Packer Depth 3367 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 3390 Wt. Pipe Run 0 Drill Collar Run 124'

Mud Wt. 9.0 LCM TR. Vis. 48 WL 7.2 Drill Pipe Size 4½XH Ft. Run 3253

Blow Description IF - STRONG B.O.B. 3-MIN, ISI - DEAD

Recovery - Total Feet 710 GIP 0 Ft. in DC 124 Ft. in DP 586

Rec. 710	Feet of MUDDY SALT W	%gas	%oil	90 %water	10 %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 108 °F Gravity — °API D @ — °F Corrected Gravity — °API

RW .10 @ 80 °F Chlorides 65,000 ppm Recovery — Chlorides 1,400 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1623 PSI	Recorder No.	6742	Test	B. HOLE
(B) First Initial Flow Pressure		56 PSI	(depth)	3368	Elec. Rec.	L
(C) First Final Flow Pressure		344 PSI	Recorder No.	13308	Jars	
(D) Initial Shut-In Pressure		761 PSI	(depth)	3387	Safety Jt.	
(E) Second Initial Flow Pressure		— PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		— PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		— PSI	**Initial Opening**	30	Straddle	
(Q) Final Hydrostatic Mud		1584 PSI	Initial Shut-In	30	Ext. Packer	
			Final Flow	—	Shale Packer	
			Final Shut-In	—	Mileage	105 - R. - TRK
			T-On Location	20:45	Sub Total:	
			T-Started	21:10	Std. By	$989.25
			T-Open	22:26	Other	
			T-Pulled	23:32	Total:	
			T-Out	01:24		

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