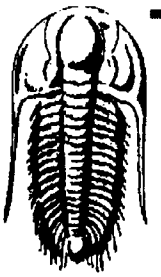


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

P O Box 372
Hays KS 67601

ATTN: Al Downing

25 13 22 Trego KS

Mary Pearson # 1-25

Start Date: 2006.06.24 @ 04:25:58
End Date: 2006.06.24 @ 11:33:13
Job Ticket #: 25095 DST #: 1

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

DRILL STEM TEST REPORT

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25095 **DST#: 1**

Test Start: 2006.06.24 @ 04:25:58

GENERAL INFORMATION:

Formation: **C-D LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:36:13
Time Test Ended: 11:33:13

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21

Interval: 3613.00 ft (KB) To 3658.00 ft (KB) (TVD)
Total Depth: 3658.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

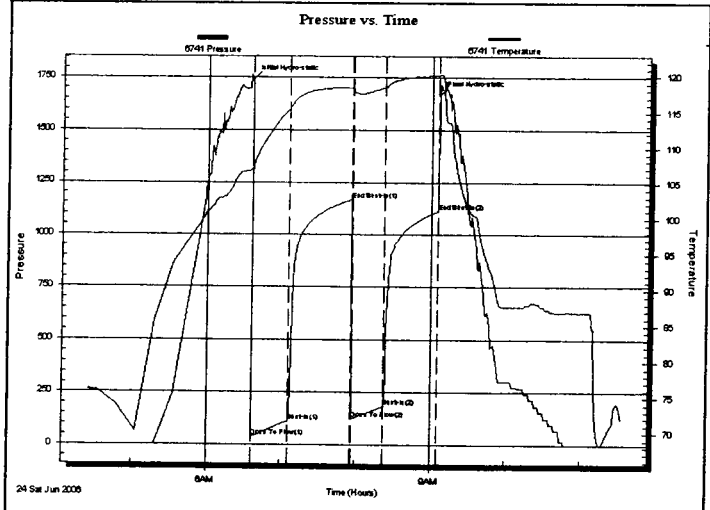
Reference Elevations: 2238.00 ft (KB)
2230.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 184.35 psig @ 3620.00 ft (KB)
Start Date: 2006.06.24 End Date: 2006.06.24
Start Time: 04:26:00 End Time: 11:33:13

Capacity: 7000.00 psig
Last Calib.: 2006.06.24
Time On Btm: 2006.06.24 @ 06:35:58
Time Off Btm: 2006.06.24 @ 09:05:58

TEST COMMENT: IF Strong B-B in 2 min
ISI Strong B-B in 9 min
FF Strong B-B in 2 min
FSI Weak Building to 8 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1743.04	106.94	Initial Hydro-static
1	35.09	106.59	Open To Flow (1)
30	112.16	115.48	Shut-In(1)
80	1165.89	118.44	End Shut-In(1)
81	123.56	117.99	Open To Flow (2)
107	184.35	118.52	Shut-In(2)
150	1110.56	120.16	End Shut-In(2)
151	1671.57	120.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCGsyO 15%G 70%O 15%M	0.98
660.00	CGsyO	9.26
0.00	1764' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dow ning-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Dow ning

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25095 **DST#: 1**

Test Start: 2006.06.24 @ 04:25:58

Tool Information

Drill Pipe:	Length:	3562.00 ft	Diameter:	3.80 inches	Volume:	49.97 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	50.12 bbl	

Drill Pipe Above KB:	1.00 ft
Depth to Top Packer:	3613.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	43.00 ft
Tool Length:	64.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		45000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	38000.00 lb
	Final	40000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3593.00		
Shut In Tool	5.00			3598.00		
Hydraulic tool	5.00			3603.00		
Packer	5.00			3608.00	21.00	Bottom Of Top Packer
Packer	5.00			3613.00		
Stubb	1.00			3614.00		
Perforations	5.00			3619.00		
Change Over Sub	1.00			3620.00		
Recorder	0.00	6741	Inside	3620.00		
Drill Pipe	31.00			3651.00		
Change Over Sub	1.00			3652.00		
Perforations	3.00			3655.00		
Recorder	0.00	13254	Outside	3655.00		
Bullnose	1.00			3656.00	43.00	Bottom Packers & Anchor
Total Tool Length:	**64.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Dow ning-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Dow ning

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25095 **DST#: 1**

Test Start: 2006.06.24 @ 04:25:58

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:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

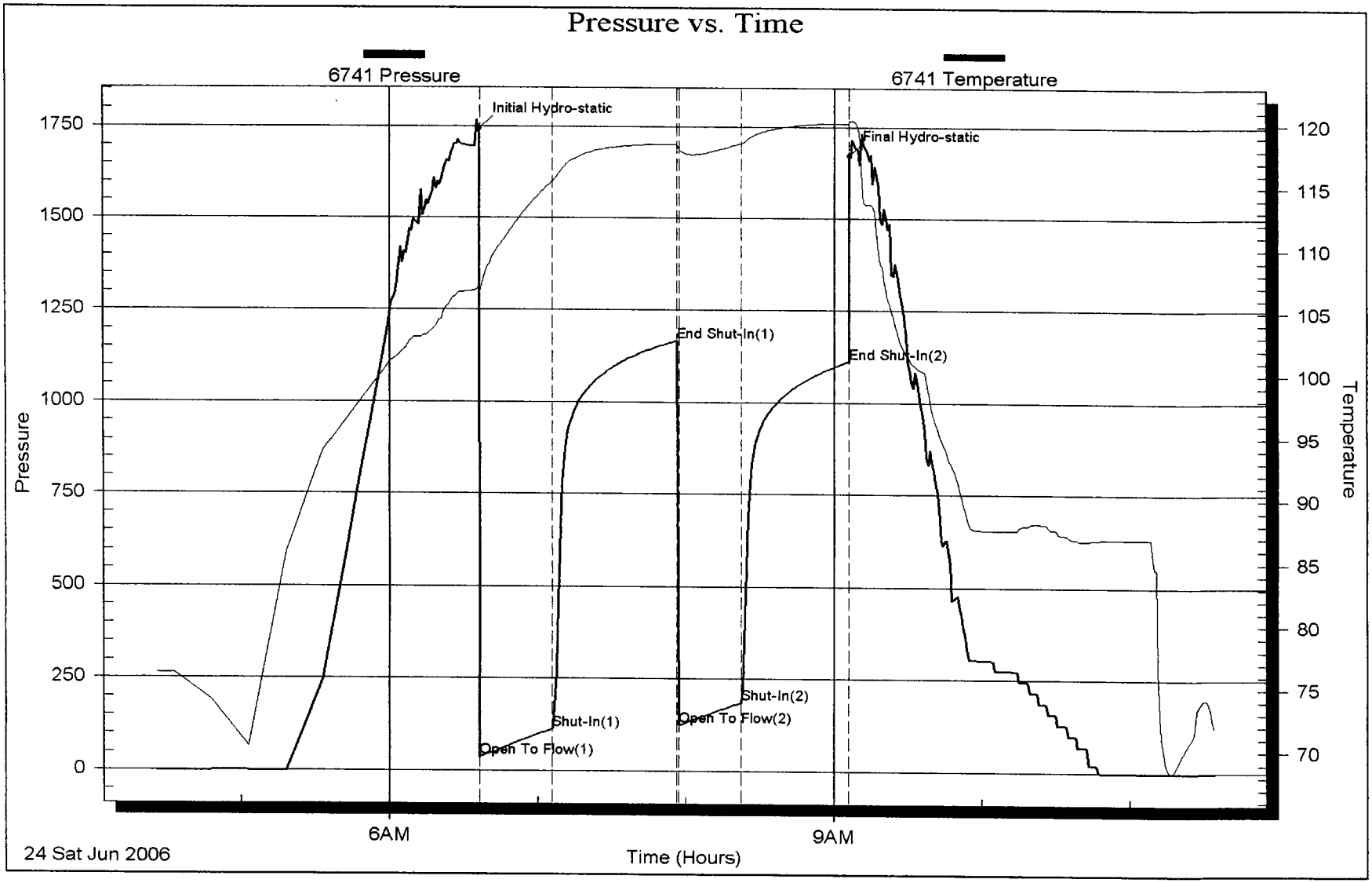
Length ft	Description	Volume bbl
90.00	MCGsyO 15%G 70%O 15%M	0.980
660.00	CGsyO	9.258
0.00	1764' GIP	0.000

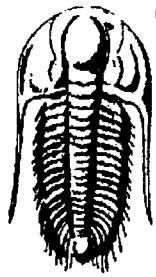
Total Length: 750.00 ft Total Volume: 10.238 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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
120
115
110
105
100
95
90
85
80
75
70
6AM
9AM
24 Sat Jun 2006
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

P O Box 372
Hays KS 67601

ATTN: Al Downing

25 13 22 Trego KS

Mary Pearson # 1-25

Start Date: 2006.06.24 @ 17:50:08

End Date: 2006.06.25 @ 01:00:53

Job Ticket #: 25096 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DRILL STEM TEST REPORT

Dow ning-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Dow ning

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25096 **DST#: 2**

Test Start: 2006.06.24 @ 17:50:08

GENERAL INFORMATION:

Formation: **E LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:55:53
Time Test Ended: 01:00:53

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21

Interval: 3653.00 ft (KB) To 3679.00 ft (KB) (TVD)
Total Depth: 3658.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

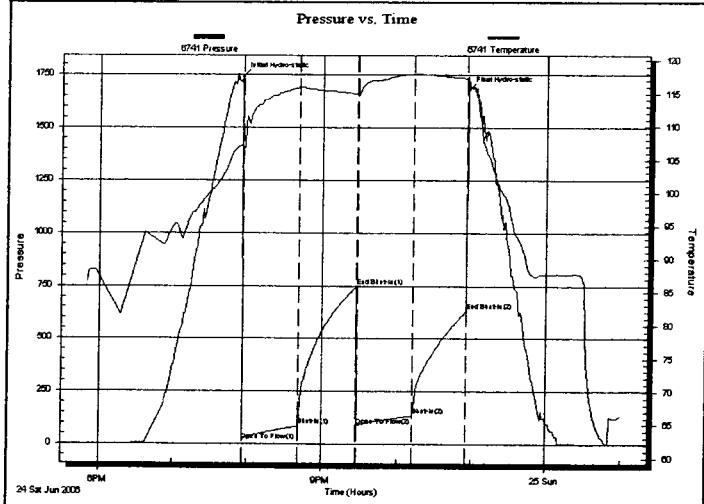
Reference Elevations: 2238.00 ft (KB)
2230.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 134.96 psig @ 3654.00 ft (KB)
Start Date: 2006.06.24 End Date: 2006.06.25
Start Time: 17:50:10 End Time: 01:00:53

Capacity: 7000.00 psig
Last Calib.: 2006.06.25
Time On Btm: 2006.06.24 @ 19:55:38
Time Off Btm: 2006.06.24 @ 22:56:23

TEST COMMENT: IF Weak building to 5.5 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1740.76	107.13	Initial Hydro-static
1	14.63	106.29	Open To Flow (1)
46	84.84	115.95	Shut-In(1)
92	746.02	114.92	End Shut-In(1)
93	88.62	114.66	Open To Flow (2)
137	134.96	117.96	Shut-In(2)
181	631.75	117.27	End Shut-In(2)
181	1676.79	117.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	MW w/show Oil on top	2.52

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25096 **DST#: 2**

Test Start: 2006.06.24 @ 17:50:08

Tool Information

Drill Pipe:	Length:	3605.00 ft	Diameter:	3.80 inches	Volume:	50.57 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	50.72 bbl	

Drill Pipe Above KB:	4.00 ft
Depth to Top Packer:	3653.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	26.00 ft
Tool Length:	47.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	43000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	38000.00 lb
Final	38000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3633.00		
Shut In Tool	5.00			3638.00		
Hydraulic tool	5.00			3643.00		
Packer	5.00			3648.00	21.00	Bottom Of Top Packer
Packer	5.00			3653.00		
Stubb	1.00			3654.00		
Recorder	0.00	6741	Inside	3654.00		
Perforations	22.00			3676.00		
Recorder	0.00	13254	Outside	3676.00		
Bullnose	3.00			3679.00	26.00	Bottom Packers & Anchor
Total Tool Length:	**47.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25096 **DST#: 2**

Test Start: 2006.06.24 @ 17:50:08

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:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

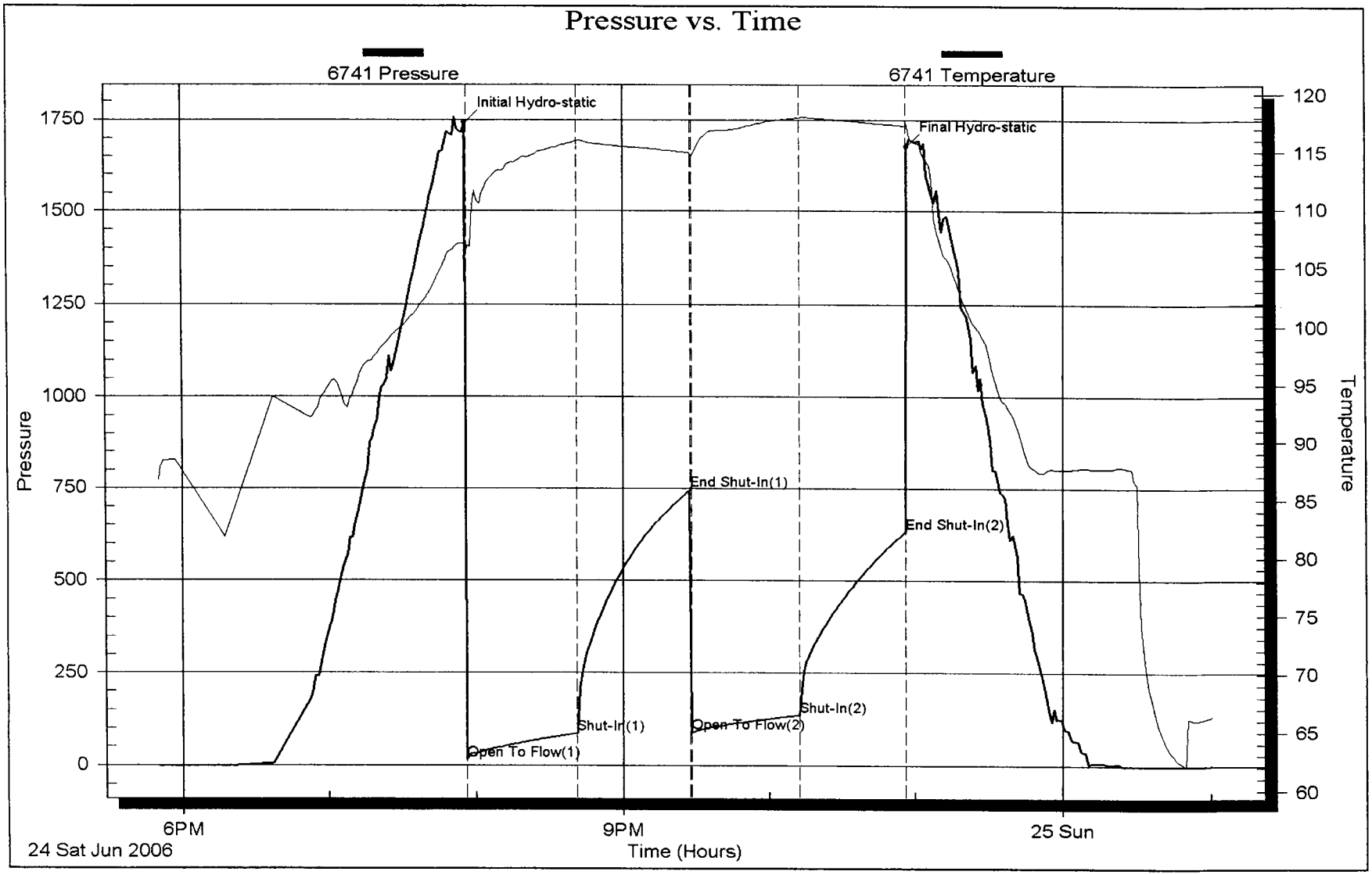
Length ft	Description	Volume bbl
200.00	MW w/show Oil on top	2.523

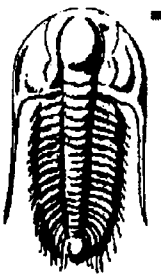
Total Length: 200.00 ft Total Volume: 2.523 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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
120
115
110
105
100
95
90
85
80
75
70
65
60
6PM
9PM
25 Sun
24 Sat Jun 2006
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

P O Box 372
Hays KS 67601

ATTN: Al Downing

25 13 22 Trego KS

Mary Pearson # 1-25

Start Date: 2006.06.25 @ 11:43:20
End Date: 2006.06.25 @ 17:18:20
Job Ticket #: 25097 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.

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25097 **DST#: 3**

Test Start: 2006.06.25 @ 11:43:20

GENERAL INFORMATION:

Formation: **H I J LK**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:34:00
Time Test Ended: 17:18:20

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21

Interval: 3717.00 ft (KB) To 3797.00 ft (KB) (TVD)
Total Depth: 3713.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

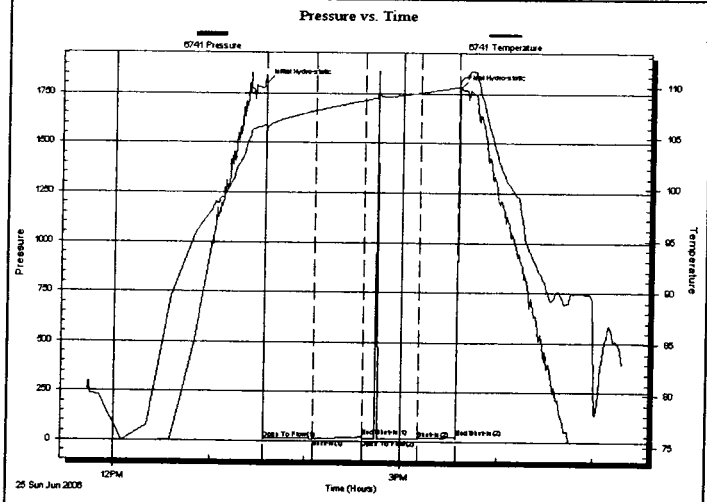
Reference Elevations: 2238.00 ft (KB)
2230.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 16.99 psig @ 3720.00 ft (KB)
Start Date: 2006.06.25 End Date: 2006.06.25
Start Time: 11:43:22 End Time: 17:18:20

Capacity: 7000.00 psig
Last Calib.: 2006.06.25
Time On Btm: 2006.06.25 @ 13:33:50
Time Off Btm: 2006.06.25 @ 15:35:35

TEST COMMENT: IF Week died in 10 min
FF No blow - flushed tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.63	106.26	Initial Hydro-static
1	11.48	105.15	Open To Flow (1)
32	12.39	107.65	Shut-In(1)
63	22.73	108.68	End Shut-In(1)
63	12.29	108.69	Open To Flow (2)
98	16.99	109.45	Shut-In(2)
122	23.78	110.04	End Shut-In(2)
122	1779.33	110.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25097 **DST#: 3**

Test Start: 2006.06.25 @ 11:43:20

Tool Information

Drill Pipe:	Length:	3696.00 ft	Diameter:	3.80 inches	Volume:	51.85 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	52.00 bbl	

Drill Pipe Above KB:	31.00 ft
Depth to Top Packer:	3717.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	80.00 ft
Tool Length:	101.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2000.00 lb
Weight set on Packer:		20000.00 lb
Weight to Pull Loose:		42000.00 lb
Tool Chased		0.00 ft
String Weight:	Initial	38000.00 lb
	Final	38000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3697.00		
Shut In Tool	5.00			3702.00		
Hydraulic tool	5.00			3707.00		
Packer	5.00			3712.00	21.00	Bottom Of Top Packer
Packer	5.00			3717.00		
Stubb	1.00			3718.00		
Perforations	1.00			3719.00		
Change Over Sub	1.00			3720.00		
Recorder	0.00	6741	Inside	3720.00		
Drill Pipe	63.00			3783.00		
Change Over Sub	1.00			3784.00		
Recorder	0.00	13254	Outside	3784.00		
Perforations	10.00			3794.00		
Bullnose	3.00			3797.00	80.00	Bottom Packers & Anchor
Total Tool Length:	**101.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25097 **DST#: 3**

Test Start: 2006.06.25 @ 11:43:20

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

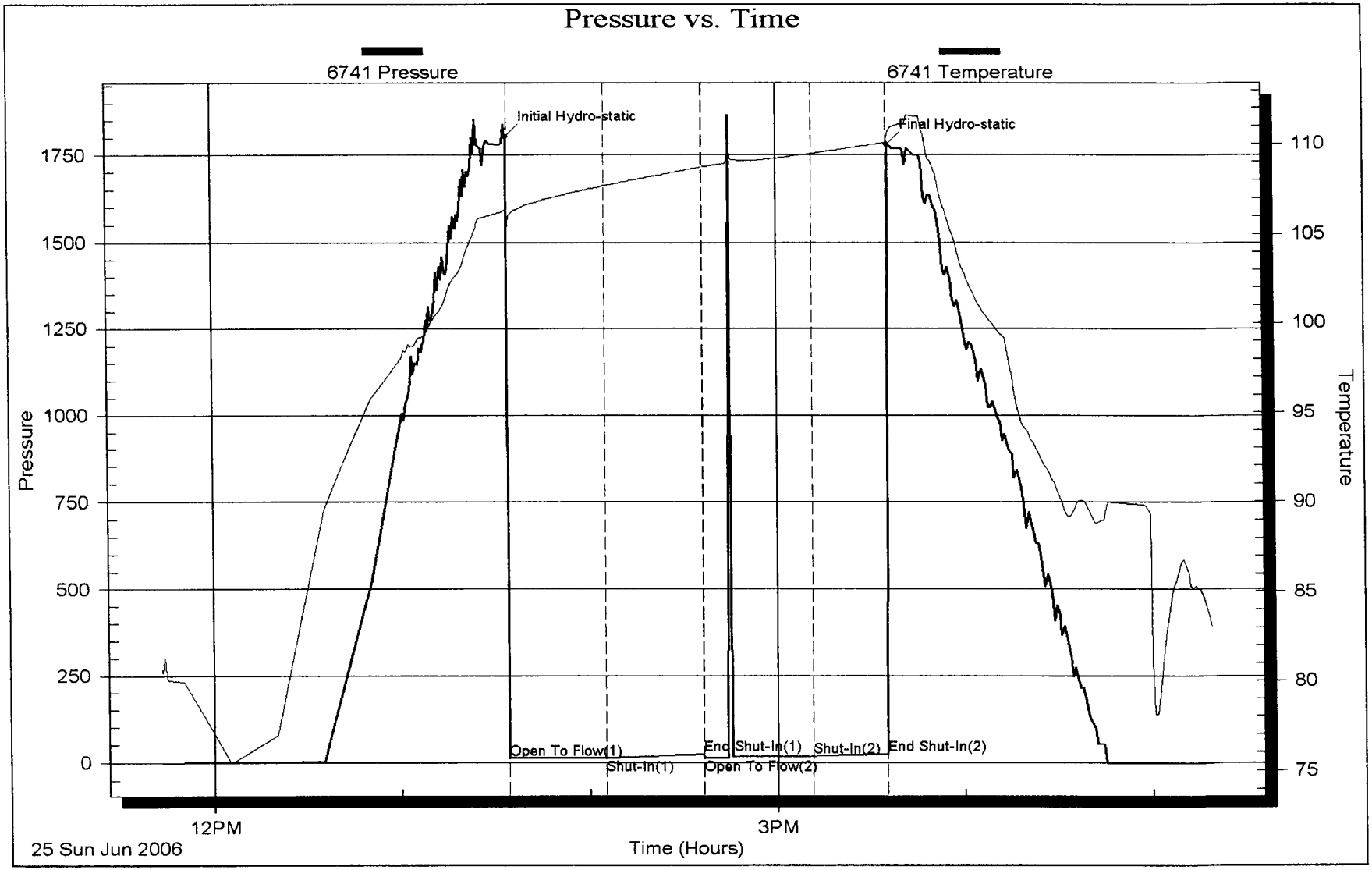
Length ft	Description	Volume bbl
10.00	Mud	0.049

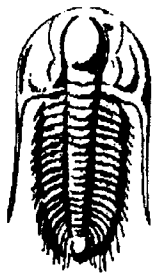
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
Open To Flow(1)
Shut-In(1)
End Shut-In(1)
Open To Flow(2)
Shut-In(2)
End Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
12PM
3PM
25 Sun Jun 2006
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Downing-Nelson Oil Co Inc**

P O Box 372
Hays KS 67601

ATTN: Al Downing

25 13 22 Trego KS

Mary Pearson # 1-25

Start Date: 2006.06.26 @ 09:30:35
End Date: 2006.06.26 @ 16:57:48
Job Ticket #: 25098 DST #: 4

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25098 **DST#: 4**

Test Start: 2006.06.26 @ 09:30:35

GENERAL INFORMATION:

Formation: **Chrr/Cong**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:25:43
Time Test Ended: 16:57:48

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 21

Interval: 3966.00 ft (KB) To 4035.00 ft (KB) (TVD)
Total Depth: 4035.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

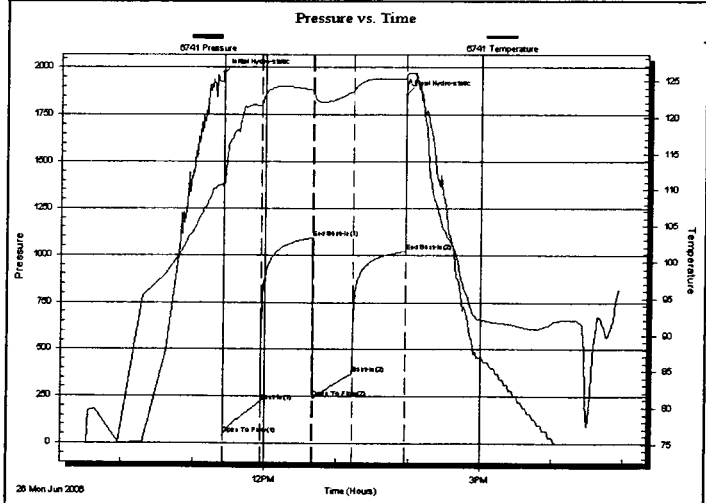
Reference Elevations: 2238.00 ft (KB)
2230.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 369.42 psig @ 3969.00 ft (KB)
Start Date: 2006.06.26 End Date: 2006.06.26
Start Time: 09:30:35 End Time: 16:57:48

Capacity: 7000.00 psig
Last Calib.: 2006.06.26
Time On Btm: 2006.06.26 @ 11:25:33
Time Off Btm: 2006.06.26 @ 13:57:18

TEST COMMENT: IF Strong blow to bottom of bucket in 3.5 min
FF Strong blow to bottom of bucket in 4.5 min
30 45 30 45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.60	110.83	Initial Hydro-static
1	44.13	110.12	Open To Flow (1)
32	221.66	121.64	Shut-In(1)
75	1092.07	123.72	End Shut-In(1)
75	240.46	123.42	Open To Flow (2)
108	369.42	123.58	Shut-In(2)
152	1021.72	125.31	End Shut-In(2)
152	1857.24	125.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	HMCGO 15%G 60%O 25%M	4.07
310.00	0CGM 10%G 40%O 50%M	4.35
680.00	CGO 10%G 90%O	9.54
0.00	124' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25098 **DST#: 4**

Test Start: 2006.06.26 @ 09:30:35

Tool Information

Drill Pipe:	Length:	3917.00 ft	Diameter:	3.80 inches	Volume:	54.95 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	
					Total Volume:	55.10 bbl	

Drill Pipe Above KB:	3.00 ft
Depth to Top Packer:	3966.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	69.00 ft
Tool Length:	90.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	44000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	39000.00 lb
Final	43000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3946.00		
Shut In Tool	5.00			3951.00		
Hydraulic tool	5.00			3956.00		
Packer	5.00			3961.00	21.00	Bottom Of Top Packer
Packer	5.00			3966.00		
Stubb	1.00			3967.00		
Perforations	1.00			3968.00		
Change Over Sub	1.00			3969.00		
Recorder	0.00	6741	Inside	3969.00		
Drill Pipe	32.00			4001.00		
Change Over Sub	1.00			4002.00		
Perforations	30.00			4032.00		
Recorder	0.00	13254	Outside	4032.00		
Bullnose	3.00			4035.00	69.00	Bottom Packers & Anchor
Total Tool Length:	**90.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Downing-Nelson Oil Co Inc

P O Box 372
Hays KS 67601

ATTN: Al Downing

Mary Pearson # 1-25

25 13 22 Trego KS

Job Ticket: 25098 **DST#: 4**

Test Start: 2006.06.26 @ 09:30:35

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	36 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

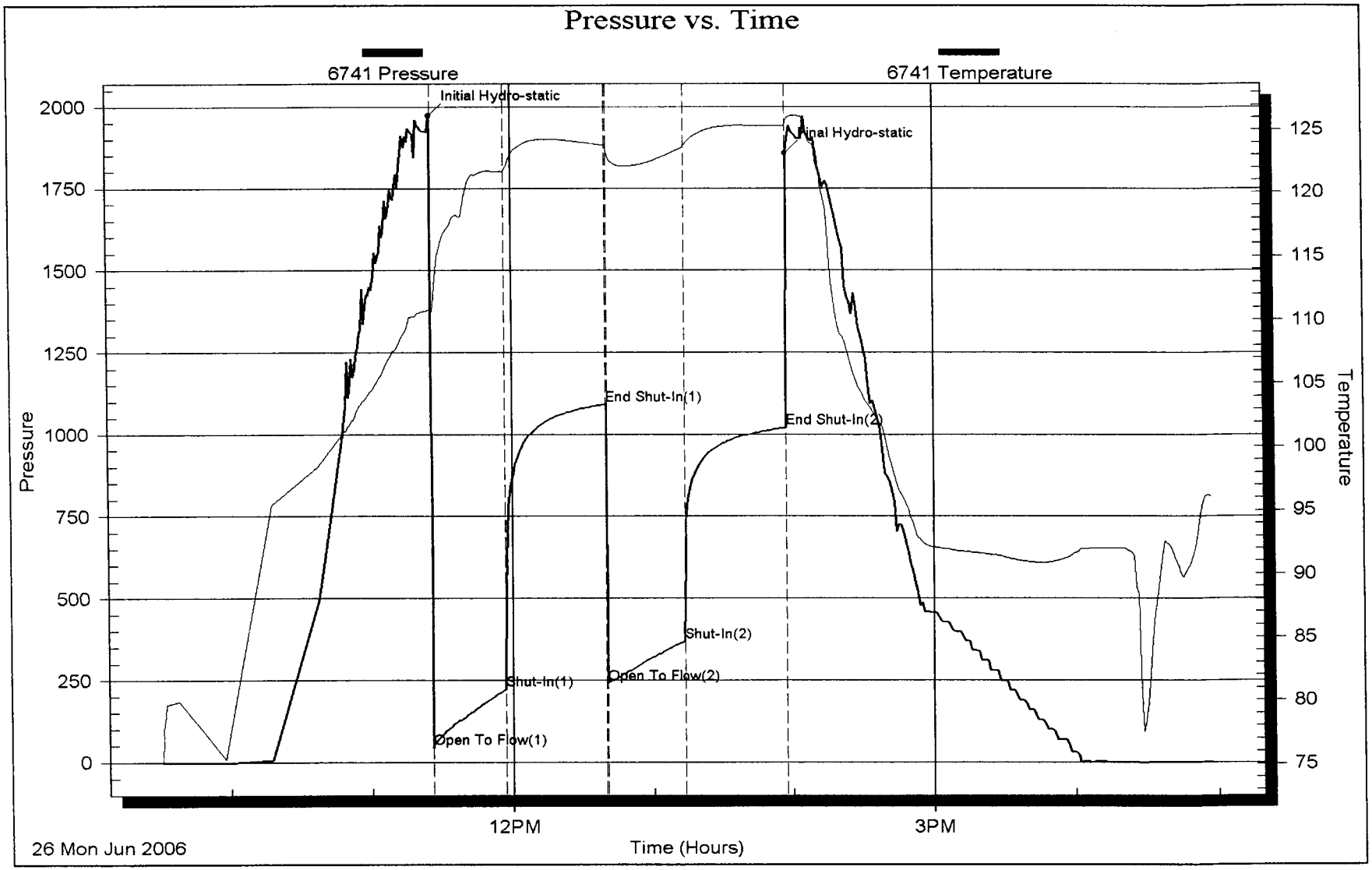
Length ft	Description	Volume bbl
310.00	HMCGO 15%G 60%O 25%M	4.066
310.00	0CGM 10%G 40%O 50%M	4.348
680.00	CGO 10%G 90%O	9.539
0.00	124' GIP	0.000

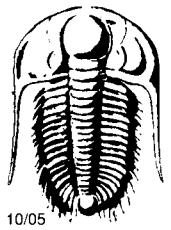
Total Length: 1300.00 ft Total Volume: 17.953 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 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
26 Mon Jun 2006
2000
1750
1500
1250
1000
750
500
250
0
125
120
115
110
105
100
95
90
85
80
75



10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

$130

25095

Test Ticket

Well Name & No. Mary Pearson #1-25 Test No. 1 Date 6-24-06

Company DNOC Zone Tested C-D LKC

Address P.O. Box 322 Hays Ks 67601 Elevation 2238 KB 2230 GL

Co. Rep / Geo. Al Downing Rig Discovery #3

Location: Sec. 25 Twp. 13 Rge. 22 Co. Trego State Ks

Comment: Release date / time:

Interval Tested 3613 — 3658 Initial Str Wt./Lbs. 38,000 Unseated Str Wt/Lbs. 40,000

Anchor Length 45 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000

Top Packer Depth 3608 Tool Weight 2000

Bottom Packer Depth 3613 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3658 Wt. Pipe Run Drill Collar Run 31

Mud Wt. 8.8 LCM Vis. 51 WL 10.8 Drill Pipe Size 4.5XH Ft. Run 3562

Blow Description I.F Strong B-B in 2min.
ISI- Strong B-B in 9 min.
F.F- Strong B-B in 2 min.
FSI- ~~Strong B-B in~~ Weak-building To 8"

Recovery - Total Feet 750 GIP 1764 Ft. in DC 31 Ft. in DP 719

Rec. 660	Feet of CGSY O	%gas	%oil	%water	%mud
Rec. 90	Feet of MCGSY	15 %gas	70 %oil	%water	15 %mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 120 °F Gravity °API D @ °F Corrected Gravity 32 °API

RW @ °F Chlorides ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1766 PSI	Recorder No.	6741	Test	1000.
(B) First Initial Flow Pressure		35 PSI	(depth)	3620	Jars	
(C) First Final Flow Pressure		112 PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure		1165 PSI	(depth)	3655	Circ Sub	
(E) Second Initial Flow Pressure		123 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		184 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1110 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1693 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	30	Ruined Packer	
			Final Shut-In	45	Mileage	68 RT 85.00
			T-On Location	03:15	Sub Total:	1075
			T-Started	04:25	Std. By	12.50
			T-Open	07:35	Acc. Chg:	
			T-Pulled	09:05	Other:	
			T-Out	11:33	Total:	

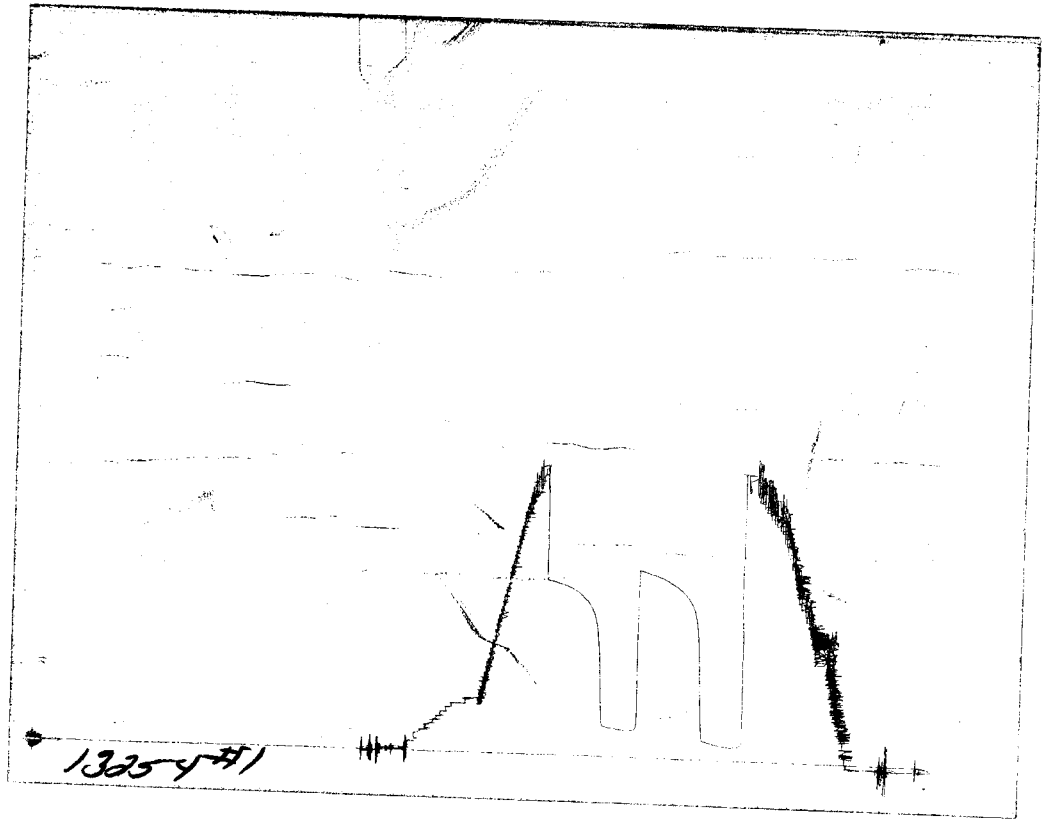
Approved By

Our Representative Dan Rangle

& 25

CHART PAGE

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



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

10/05

25096

Test Ticket

Well Name & No. Mary Pearson #1-25 Test No. 2 Date 6-24-06

Company DWOC Zone Tested E LKC

Address _____ Elevation 2238 KB 2230 GL

Co. Rep / Geo. Al Downing Rig Discovery #3

Location: Sec. 25 Twp. 13 Rge. 22 Co. Trego State KS

Comment: _____ Release date / time: _____

Interval Tested 3653 — 3679 Initial Str Wt./Lbs. 38,000 Unseated Str Wt/Lbs. 38,000

Anchor Length 26 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 43,000

Top Packer Depth 3648 Tool Weight 2000

Bottom Packer Depth 3653 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3679 Wt. Pipe Run _____ Drill Collar Run 31

Mud Wt. 9.1 LCM _____ Vis. 50 WL 8.0 Drill Pipe Size 4.5 XH Ft. Run 360'

Blow Description I.F - Weak - building to 5 1/2"

F.F. Weak - building to 1"

Recovery - Total Feet 200 GIP _____ Ft. in DC 31 Ft. in DP 169

Rec. 200	Feet of Mdy WTR w/	%gas	%oil	%water	%mud
Rec. _____	Feet of show oil on Top	%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 117 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API

RW .13 @ 74 °F Chlorides 49000 ppm Recovery _____ Chlorides 5,000 ppm System

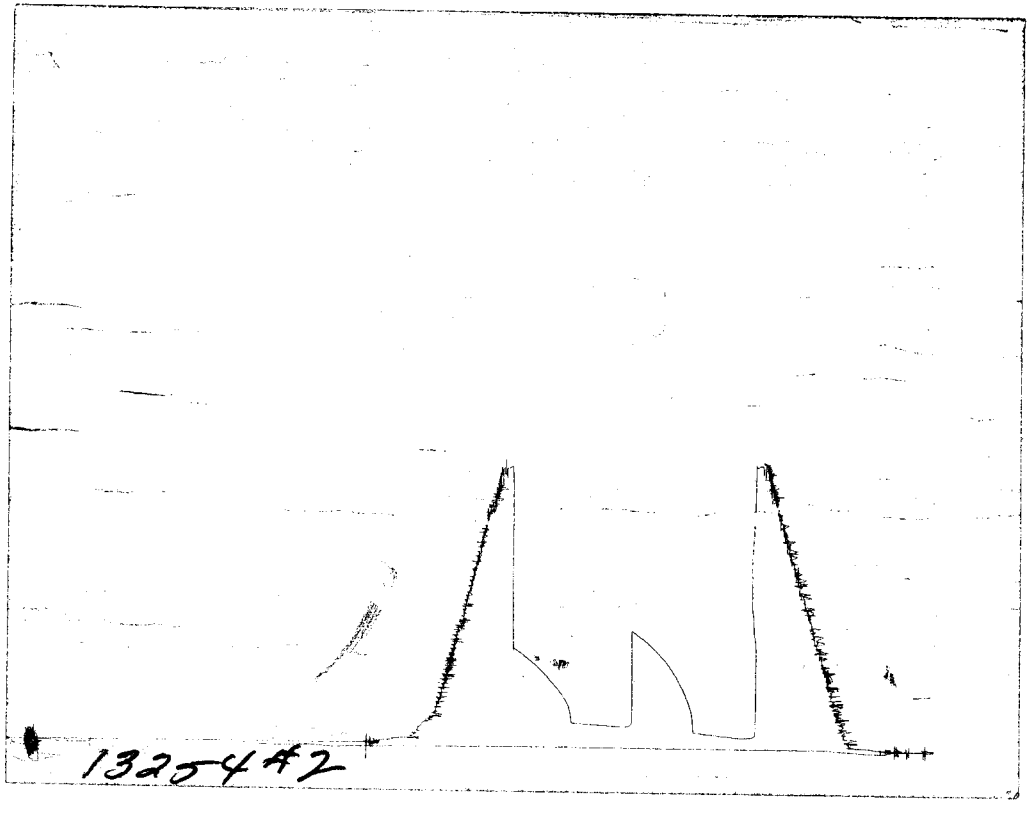
	AK-1	Alpine					
(A) Initital Hydrostatic Mud		1756 PSI	Recorder No.	6741	Test	1000
(B) First Initial Flow Pressure		14 PSI	(depth)	3654	Jars	
(C) First Final Flow Pressure		84 PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure		746 PSI	(depth)	3676	Circ Sub	
(E) Second Initial Flow Pressure		88 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		134 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		631 PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		1676 PSI	Initial Shut-In	45	Shale Packer	
			Final Flow	45	Ruined Packer	
			Final Shut-In	45	Mileage 68 RT	85.00
			T-On Location	17:30	Sub Total:	1085.00
			T-Started	17:50	Std. By	
			T-Open	20:02	Acc. Chg:	
			T-Pulled	23:02	Other:	
			T-Out	01:00	Total:	

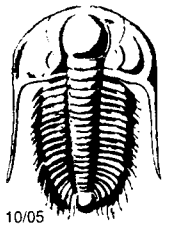
Approved By _____

Our Representative Dan Bangle

CHART PAGE

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





10/05

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25097

Test Ticket

Well Name & No. MARY PEARSON #1-25 Test No. 3 Date 6-25-06

Company D N O C Zone Tested H-I-J LKC

Address _____ Elevation 2238 KB 2230 GL

Co. Rep / Geo. AL DOWNING Rig DISCOVERY #3

Location: Sec. 25 Twp. 13 Rge. 22 Co. TREGO State KS

Comment: _____ Release date / time: _____

Interval Tested 3717 — 3797 Initial Str Wt./Lbs. 38000 Unseated Str Wt/Lbs. 38000

Anchor Length 80' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 42000

Top Packer Depth 3712 Tool Weight 2,000

Bottom Packer Depth 3717 Hole Size 7 7/8" Rubber Size 6 3/4"

Total Depth 3797 Wt. Pipe Run Drill Collar Run 31

Mud Wt. 9.1 LCM Vis. 48 WL 8.8 Drill Pipe Size 4.5 X H Ft. Run 3696

Blow Description IF WEEK BLOW DIED IN 10 MIN.
FF NO BLOW & FLUSHED TOOL

Recovery - Total Feet 10' GIP Ft. in DC 10 Ft. in DP

Rec. 10	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
Rec.	Feet of	%gas	%oil	%water	%mud

BHT 110 °F Gravity °API D @ °F Corrected Gravity °API

RW @ °F Chlorides ppm Recovery Chlorides 4000 ppm System

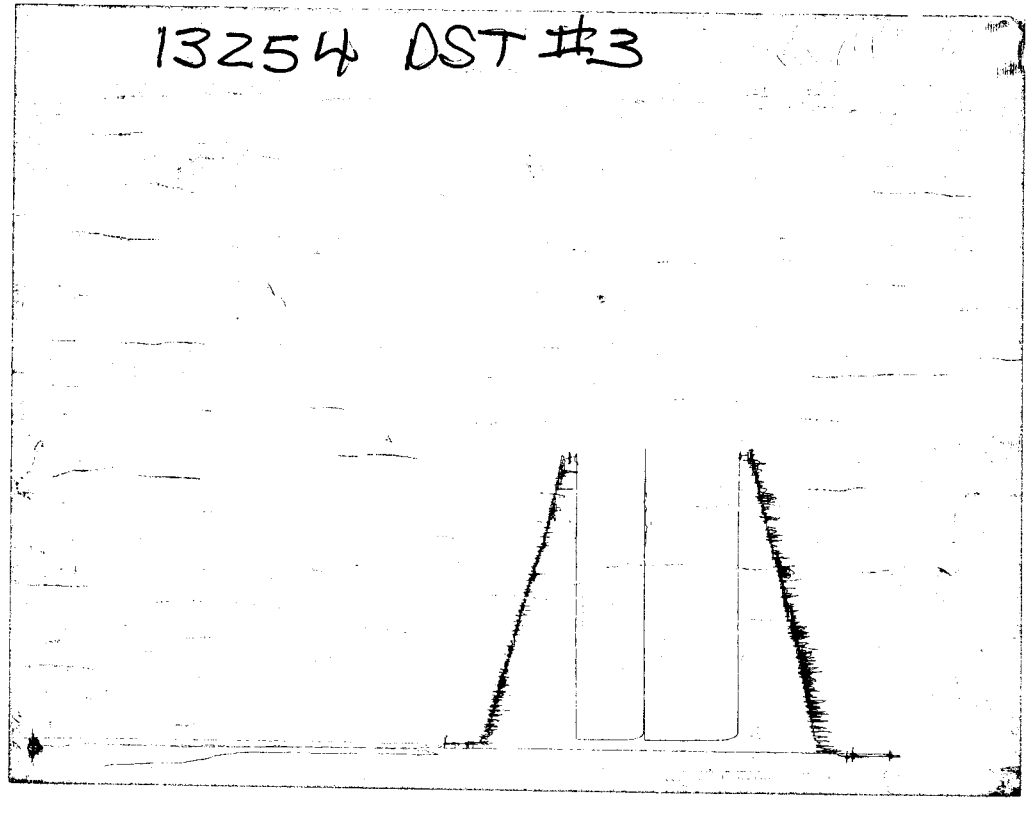
	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1839 PSI	Recorder No.	6741	Test	1000.
(B) First Initial Flow Pressure		11 PSI	(depth)	3720	Jars	
(C) First Final Flow Pressure		12 PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure		22 PSI	(depth)	3784	Circ Sub	
(E) Second Initial Flow Pressure		12 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		16 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		23 PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1776 PSI	Initial Shut-In	30	Shale Packer	
			Final Flow	30	Ruined Packer	
			Final Shut-In	30	Mileage	68 RT. 85.00
			T-On Location	11:30	Sub Total:	
			T-Started	11:43	Std. By	
			T-Open	13:35	Acc. Chg:	
			T-Pulled	15:35	Other:	
			T-Out	17:18	Total:	

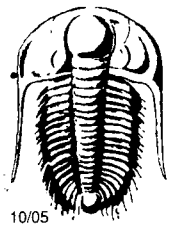
Approved By _____

Our Representative Dan Rangle

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25098

10/05

Test Ticket

Well Name & No. MARY PEARSON #1-25 Test No. 4 Date 6-26-06

Company DNOC Zone Tested CHER/CONG

Address _____ Elevation 2238 KB 2230 GL

Co. Rep / Geo. MARC DOWNING Rig DISCOVERY #3

Location: Sec. 25 Twp. 13 Rge. 22 Co. TREGO State KS

Comment: _____ Release date / time: 6-26-06 16:30

Interval Tested 3966 — ~~4035~~ 4032

Anchor Length 69

Top Packer Depth ~~4035~~ ~~3966~~ 3961

Bottom Packer Depth ~~3966~~ ~~4035~~ 3966

Total Depth ~~4035~~

Mud Wt. 9.2 LCM 0 Vis. 50 WL 8.8

Blow Description 1.F. STRONG BLOW BOTTOM IN 3½ MIN
F.F. STRONG BLOW BOTTOM IN 4½ MIN

Initial Str Wt./Lbs. 39000 Unseated Str Wt/Lbs. 43000

Wt. Set Lbs. 20000 Wt. Pulled Loose/Lbs. 44000

Tool Weight 2000

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

Wt. Pipe Run Drill Collar Run 31

Drill Pipe Size 4.5XH Ft. Run 3917

Recovery - Total Feet 1300 GIP 124 FT Ft. in DC 31 Ft. in DP 1269

Rec. 680	Feet of CGO	10 %gas	90 %oil	%water		%mud
Rec. 310	Feet of OCGM	10 %gas	40 %oil	%water	50	%mud
Rec. 310	Feet of HMCGO	15 %gas	60 %oil	%water	25	%mud
Rec.	Feet of	%gas	%oil	%water		%mud
Rec.	Feet of	%gas	%oil	%water		%mud

BHT 125 °F Gravity °API D @ °F Corrected Gravity 36 °API

RW @ °F Chlorides ppm Recovery Chlorides 4500 ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud		1943	PSI	Recorder No.	6741	Test	1100
(B) First Initial Flow Pressure		44	PSI	(depth)	3969	Jars	
(C) First Final Flow Pressure		221	PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure		1092	PSI	(depth)	4032	Circ Sub	
(E) Second Initial Flow Pressure		240	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		369	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1021	PSI	**Initial Opening**	30	Ext. Packer	
(Q) Final Hydrostatic Mud		1949	PSI	Initial Shut-In	45	Shale Packer	
				Final Flow	30	Ruined Packer	
				Final Shut-In	45	Mileage	68 RT.
				T-On Location	9:00	Sub Total:	$1185.00
				T-Started	9:30	Std. By	
				T-Open	11:26	Acc. Chg:	
				T-Pulled	13:45	Other:	
				T-Out	16:57	Total:	

Approved By _____

Our Representative Dan Daniels

CHART PAGE

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