



DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

11 10S 21W Graham KS

DeYoung #1

Start Date: 2006.10.12 @ 22:10:28

End Date: 2006.10.13 @ 04:17:28

Job Ticket #: 25115 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

John O Farmer

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

DeYoung #1

11 10S 21W Graham KS

Job Ticket: 25115

DST#: 1

Test Start: 2006.10.12 @ 22:10:28

GENERAL INFORMATION:

Formation: **LKC-"F-G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:03:43

Time Test Ended: 04:17:28

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3576.00 ft (KB) To 3619.00 ft (KB) (TVD)**

Total Depth: 3619.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2255.00 ft (KB)

2250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press@RunDepth: 174.96 psig @ 3578.00 ft (KB)

Start Date: 2006.10.12

End Date:

2006.10.13

Capacity: 7000.00 psig

Last Calib.: 2006.10.13

Start Time: 22:10:30

End Time:

04:17:28

Time On Btm: 2006.10.13 @ 00:03:13

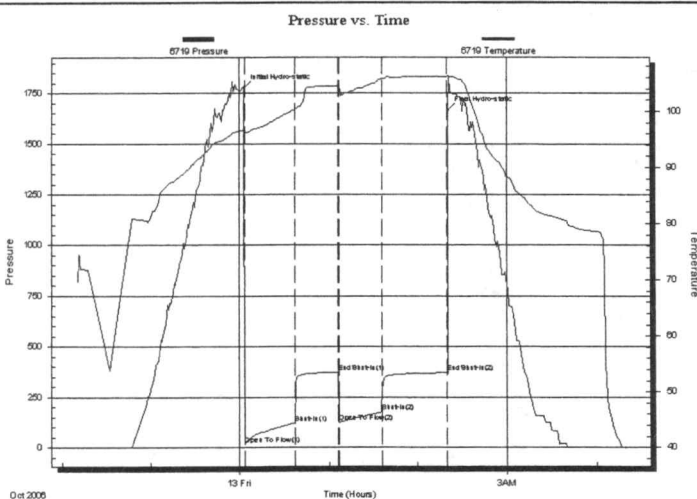
Time Off Btm: 2006.10.13 @ 02:20:28

TEST COMMENT: IFP Good Blow BOB in 16 Min.

ISI Dead

FFP Fair Blow BOB in 29 Min.

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.75	96.61	Initial Hydro-static
1	16.95	96.33	Open To Flow (1)
34	121.56	100.28	Shut-In (1)
63	374.62	104.48	End Shut-In (1)
64	123.95	104.41	Open To Flow (2)
93	174.96	105.80	Shut-In (2)
137	371.27	106.10	End Shut-In (2)
138	1663.08	106.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
325.00	Muddy Water-905W-10%M	3.48
5.00	Free Oil	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

DeYoung #1

PO Box 32
Russell KS 67665

11 10S 21W Graham KS

Job Ticket: 25115

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.10.12 @ 22:10:28

Tool Information

Drill Pipe:	Length: 3466.00 ft	Diameter: 3.80 inches	Volume: 48.62 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: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	46000.00 lb
		Total Volume:	49.20 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3576.00 ft			Final	39000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	64.00 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			3556.00	
Shut In Tool	5.00			3561.00	
Hydraulic tool	5.00			3566.00	
Packer	5.00			3571.00	21.00 Bottom Of Top Packer
Packer	5.00			3576.00	
Stubb	1.00			3577.00	
Perforations	1.00			3578.00	
Recorder	0.00	6719	Inside	3578.00	
Blank Spacing	30.00			3608.00	
Perforations	8.00			3616.00	
Recorder	0.00	13221	Outside	3616.00	
Bullnose	3.00			3619.00	43.00 Bottom Packers & Anchor

Total Tool Length: 64.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

DeYoung #1

PO Box 32
Russell KS 67665

11 10S 21W Graham KS

Job Ticket: 25115

DST#: 1

ATTN: Randy Kilian

Test Start: 2006.10.12 @ 22:10:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity: 53000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
325.00	Muddy Water-905W-10%M	3.484
5.00	Free Oil	0.070

Total Length: 330.00 ft

Total Volume: 3.554 bbl

Num Fluid Samples: 0

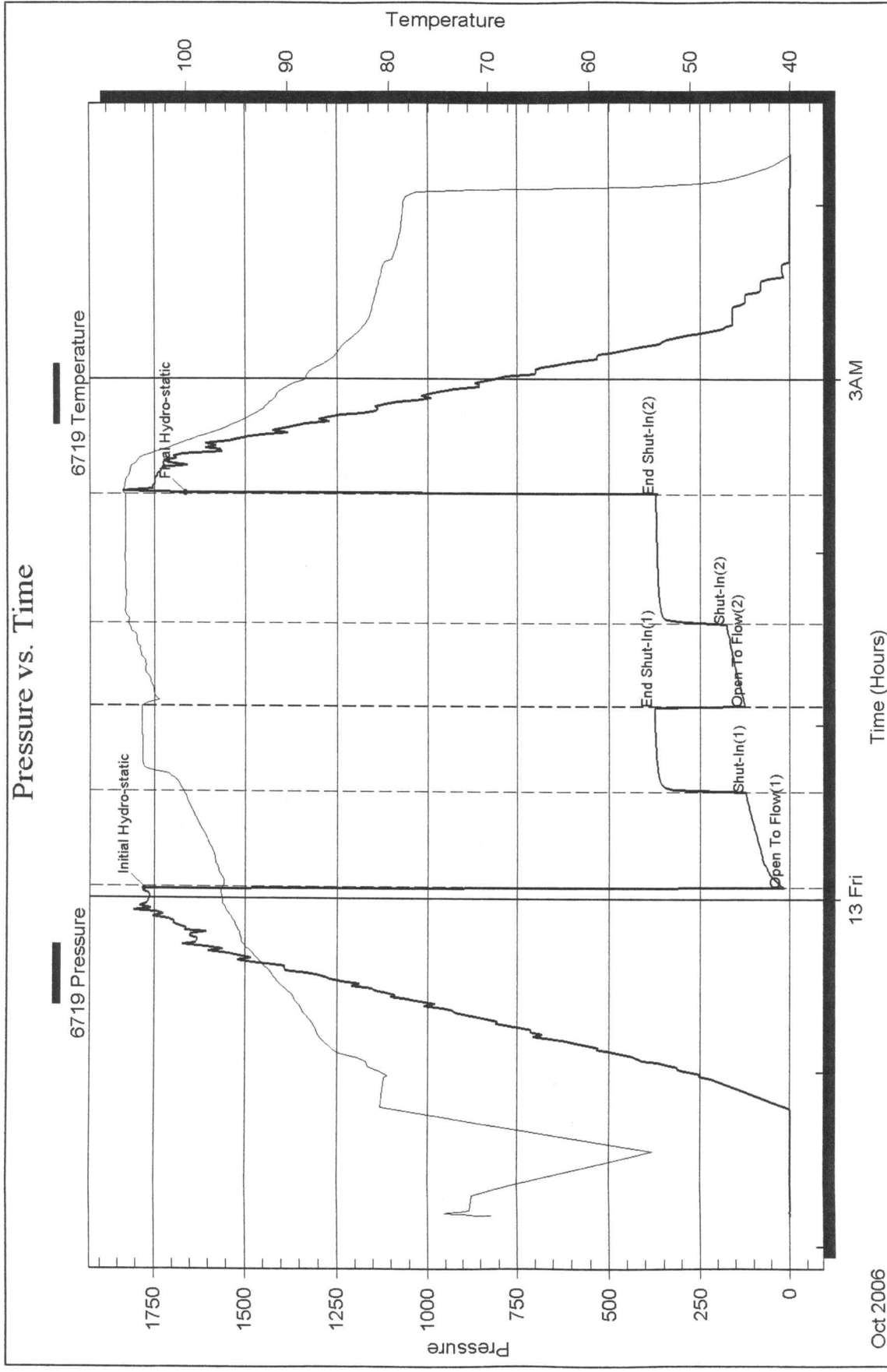
Num Gas Bombs: 0

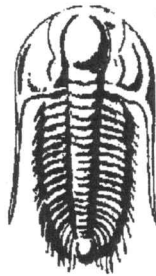
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

11 10S 21W Graham KS

DeYoung #1

Start Date: 2006.10.13 @ 20:18:07

End Date: 2006.10.14 @ 03:00:37

Job Ticket #: 25116 DST #: 2

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



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DRILL STEM TEST REPORT

John O Farmer

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

DeYoung #1

11 10S 21W Graham KS

Job Ticket: 25116

DST#: 2

Test Start: 2006.10.13 @ 20:18:07

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:54:22

Time Test Ended: 03:00:37

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3774.00 ft (KB) To 3804.00 ft (KB) (TVD)**

Total Depth: 3804.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2255.00 ft (KB)

2250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press@RunDepth: 66.98 psig @ 3776.00 ft (KB)

Start Date: 2006.10.13

End Date:

2006.10.14

Start Time: 20:18:09

End Time:

03:00:37

Capacity: 7000.00 psig

Last Calib.: 2006.10.14

Time On Btm: 2006.10.13 @ 21:54:07

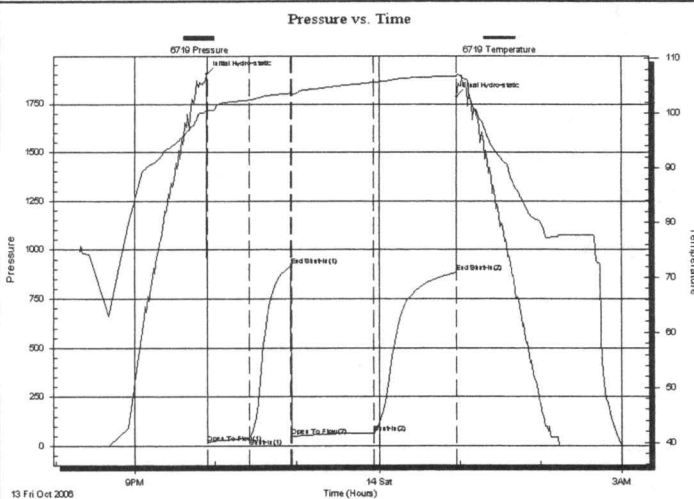
Time Off Btm: 2006.10.14 @ 00:57:07

TEST COMMENT: IFP Weak Blow Built to 4-1/4 "

ISI Dead

FFP Weak Blow Built to 4-1/2 "

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1901.36	100.36	Initial Hydro-static
1	17.96	100.03	Open To Flow (1)
32	42.33	102.48	Shut-In (1)
62	918.31	103.69	End Shut-In (1)
63	48.09	103.55	Open To Flow (2)
122	66.98	105.67	Shut-In (2)
183	883.54	106.81	End Shut-In (2)
183	1785.15	107.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	OCM 35%O 65%M	0.07
120.00	Free Oil	0.75

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

DeYoung #1

PO Box 32
Russell KS 67665

11 10S 21W Graham KS

Job Ticket: 25116

DST#: 2

ATTN: Randy Kilian

Test Start: 2006.10.13 @ 20:18:07

Tool Information

Drill Pipe:	Length: 3654.00 ft	Diameter: 3.80 inches	Volume: 51.26 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: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	48000.00 lb
		Total Volume:	51.84 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3774.00 ft			Final	40500.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	51.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3754.00	
Shut In Tool	5.00			3759.00	
Hydraulic tool	5.00			3764.00	
Packer	5.00			3769.00	21.00 Bottom Of Top Packer
Packer	5.00			3774.00	
Stubb	1.00			3775.00	
Perforations	1.00			3776.00	
Recorder	0.00	6719	Inside	3776.00	
Perforations	25.00			3801.00	
Recorder	0.00	13221	Outside	3801.00	
Bullnose	3.00			3804.00	30.00 Bottom Packers & Anchor

Total Tool Length: 51.00



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Job Ticket: 25116

DST#: 2

ATTN: Randy Kilian

Test Start: 2006.10.13 @ 20:18:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 35%O 65%M	0.074
120.00	Free Oil	0.745

Total Length: 135.00 ft

Total Volume: 0.819 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

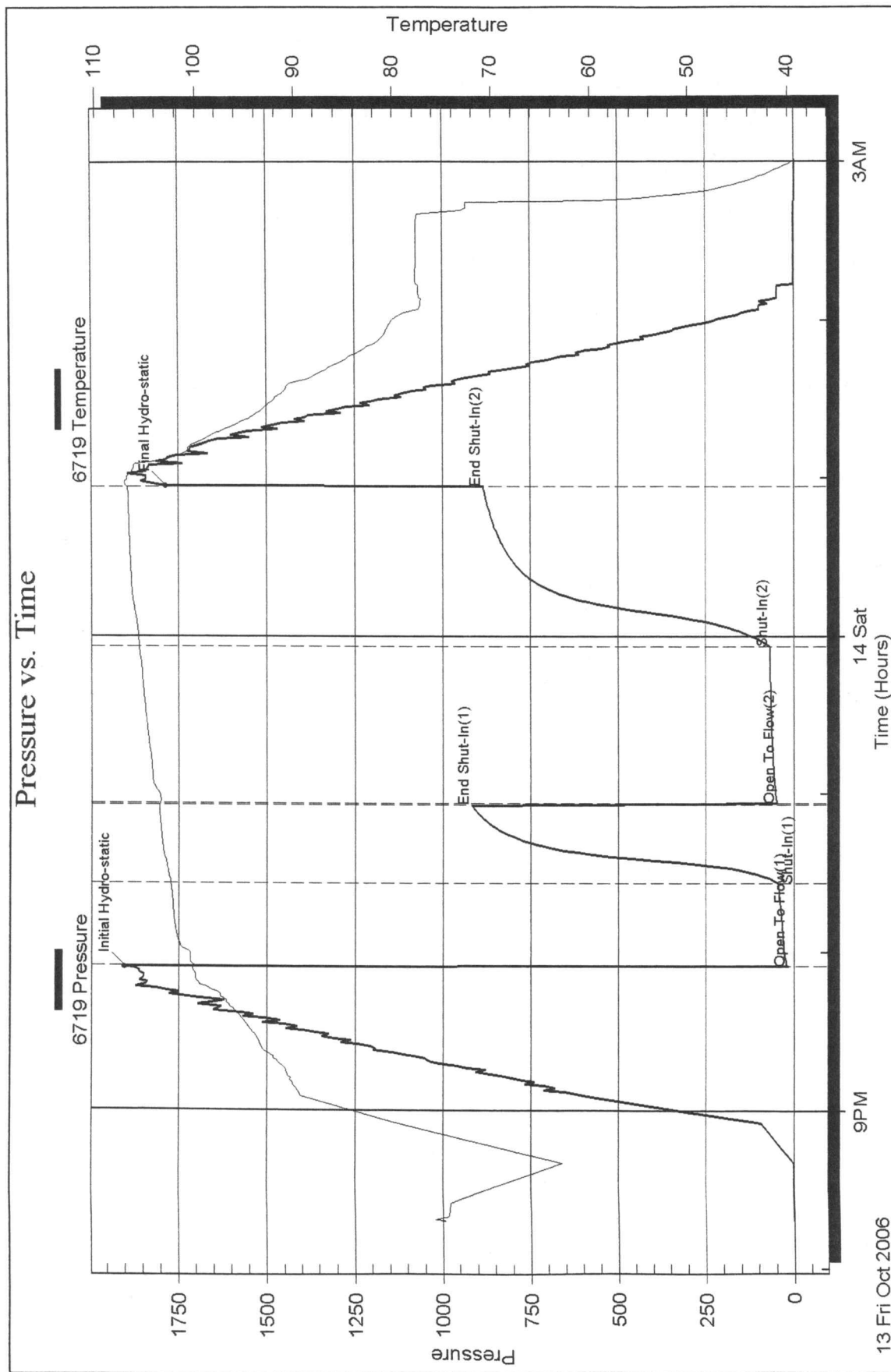
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **John O Farmer**

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

11 10S 21W Graham KS

DeYoung #1

Start Date: 2006.10.14 @ 17:30:21

End Date: 2006.10.15 @ 00:56:51

Job Ticket #: 25117 DST #: 3

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



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DRILL STEM TEST REPORT

John O Farmer

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

DeYoung #1

11 10S 21W Graham KS

Job Ticket: 25117

DST#: 3

Test Start: 2006.10.14 @ 17:30:21

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:07:21

Time Test Ended: 00:56:51

Test Type: Conventional Straddle

Tester: Jason McLemore

Unit No: 32

Interval: **3818.00 ft (KB) To 3830.00 ft (KB) (TVD)**

Total Depth: 3862.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2255.00 ft (KB)

2250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press@RunDepth: 122.36 psig @ 3821.00 ft (KB)

Start Date: 2006.10.14

End Date:

2006.10.15

Capacity: 7000.00 psig

Last Calib.: 2006.10.15

Start Time: 17:30:23

End Time:

00:56:51

Time On Btm: 2006.10.14 @ 19:06:51

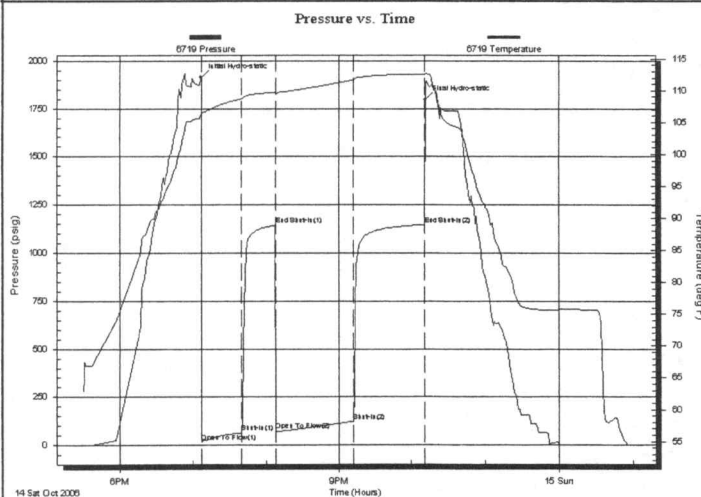
Time Off Btm: 2006.10.14 @ 22:11:06

TEST COMMENT: IFP Fair Blow Built to 10 "

ISI Blow back Built to 1/2 "

FFP Fair Blow BOB in 30 Min.

FSI Blow back Built to 1 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.52	106.32	Initial Hydro-static
1	18.55	106.22	Open To Flow (1)
33	64.27	108.74	Shut-In(1)
61	1143.49	109.73	End Shut-In(1)
61	75.67	109.48	Open To Flow (2)
125	122.36	111.68	Shut-In(2)
184	1146.27	112.61	End Shut-In(2)
185	1795.69	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Muddy Oil 65%O 35%M	0.07
285.00	Free Oil	3.06
0.00	60 ' Gas in Pipe	0.00

Gas Rates

Description	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

John O Farmer

PO Box 32
Russell KS 67665

ATTN: Randy Kilian

DeYoung #1

11 10S 21W Graham KS

Job Ticket: 25117

DST#: 3

Test Start: 2006.10.14 @ 17:30:21

Tool Information

Drill Pipe:	Length: 3685.00 ft	Diameter: 3.80 inches	Volume: 51.69 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: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	45000.00 lb
			Total Volume: 52.27 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3818.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	3830.00 ft				
Interval between Packers:	12.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3798.00	
Shut In Tool	5.00			3803.00	
Hydraulic tool	5.00			3808.00	
Packer	5.00			3813.00	21.00 Bottom Of Top Packer
Packer	5.00			3818.00	
Stubb	1.00			3819.00	
Perforations	2.00			3821.00	
Recorder	0.00	6719	Inside	3821.00	
Perforations	5.00			3826.00	
Blank Off Sub	1.00			3827.00	
Blank Spacing	3.00			3830.00	12.00 Tool Interval
Packer	1.00			3831.00	
Stubb	1.00			3832.00	
Recorder	0.00	13221	Below	3832.00	
Blank Spacing	30.00			3862.00	32.00 Bottom Packers & Anchor
Total Tool Length:		65.00			



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

DeYoung #1

PO Box 32
Russell KS 67665

11 10S 21W Graham KS

Job Ticket: 25117

DST#: 3

ATTN: Randy Kilian

Test Start: 2006.10.14 @ 17:30:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Muddy Oil 65%O 35%M	0.074
285.00	Free Oil	3.060
0.00	60' Gas in Pipe	0.000

Total Length: 300.00 ft

Total Volume: 3.134 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

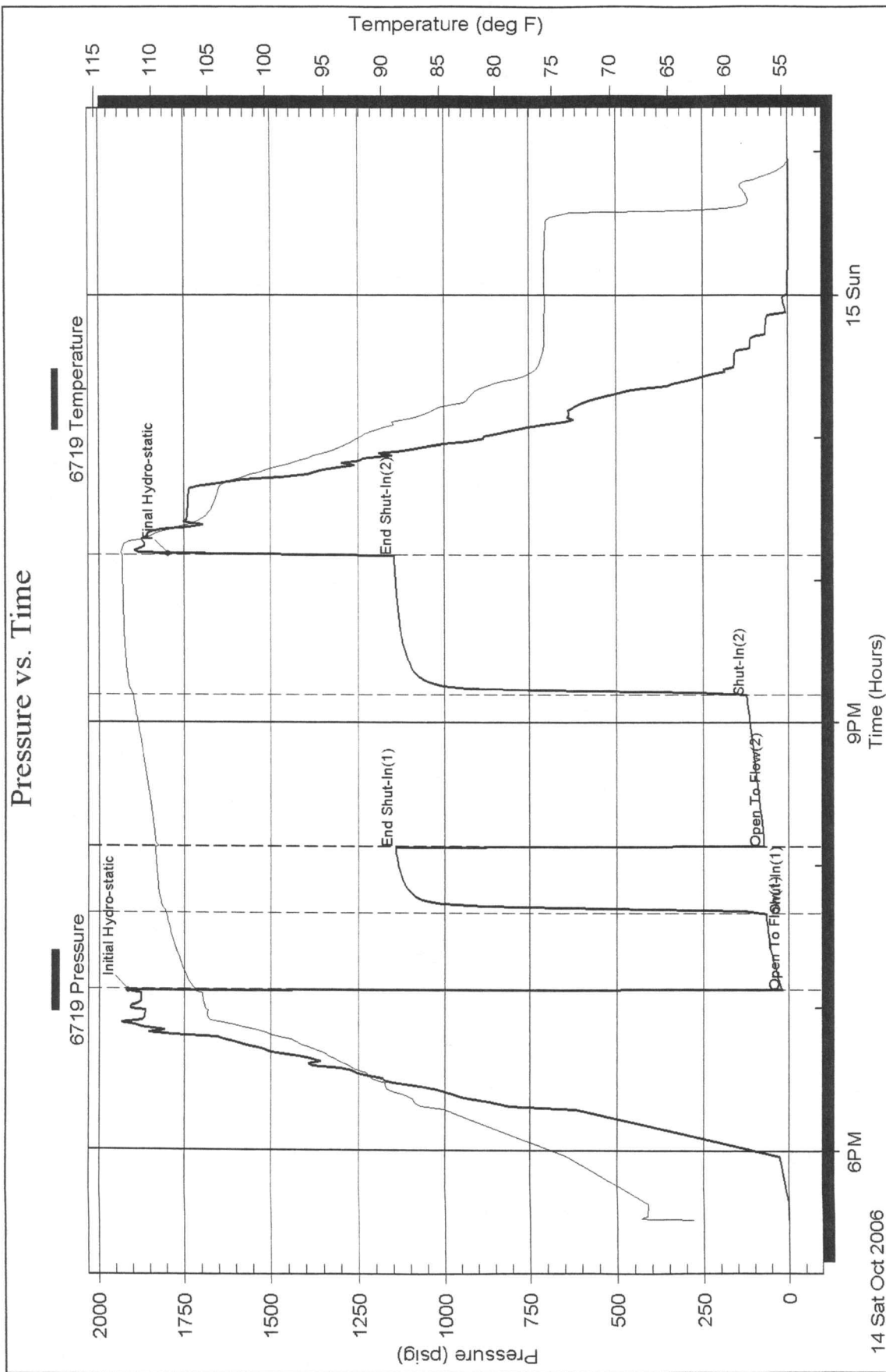
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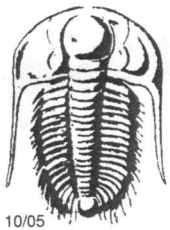
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9380

25115

Test Ticket

Well Name & No. De Young #1 Test No. 1 Date 10-12-06
 Company John O Farmer, Inc Zone Tested LKC - "F-G"
 Address PO Box 352, Russell, Ks. 67665 Elevation 2255 KB 2250 GL
 Co. Rep / Geo. Randy Kilian Rig WW #6
 Location: Sec. 11 Twp. 10s Rge. 21w Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3576 - 3619 Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 39,000
 Anchor Length 43 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 46,000
 Top Packer Depth 3571 Tool Weight 2200
 Bottom Packer Depth 3576 Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 3619 Wt. Pipe Run 0 Drill Collar Run 118
 Mud Wt. 9.0 LCM 1# Vis. 49 WL 7.6 Drill Pipe Size 4 1/2 FH Ft. Run 3466
 Blow Description IFP - Good Blow, BOB in 16 min.

ISI - Dead

FFP - Fair Blow, BOB in 29 min.

FSI - Dead

Recovery - Total Feet 330 GIP _____ Ft. in DC 118 Ft. in DP _____
 Rec. 5 Feet of Free Oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 325 Feet of Muddy Water %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 _____
 BHT _____ °F Gravity 29 °API D @ 37° °F Corrected Gravity 31 °API
 RW .200 @ 37° °F Chlorides 53,000 ppm Recovery _____ Chlorides 3,300 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1776 PSI	Recorder No.	<u>6719</u>	(Test)	<u>1100</u>
(B) First Initial Flow Pressure			17 PSI	(depth)	<u>3578</u>	Jars	_____
(C) First Final Flow Pressure			122 PSI	Recorder No.	<u>13221</u>	Safety Jt.	_____
(D) Initial Shut-In Pressure			375 PSI	(depth)	<u>3616</u>	Circ Sub	_____
(E) Second Initial Flow Pressure			124 PSI	Recorder No.	_____	Sampler	_____
(F) Second Final Flow Pressure			175 PSI	(depth)	_____	Straddle	_____
(G) Final Shut-In Pressure			371 PSI	Initial Opening	<u>30</u>	Ext. Packer	_____
(Q) Final Hydrostatic Mud			1698 PSI	Initial Shut-In	<u>30</u>	Shale Packer	_____

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Approved By _____

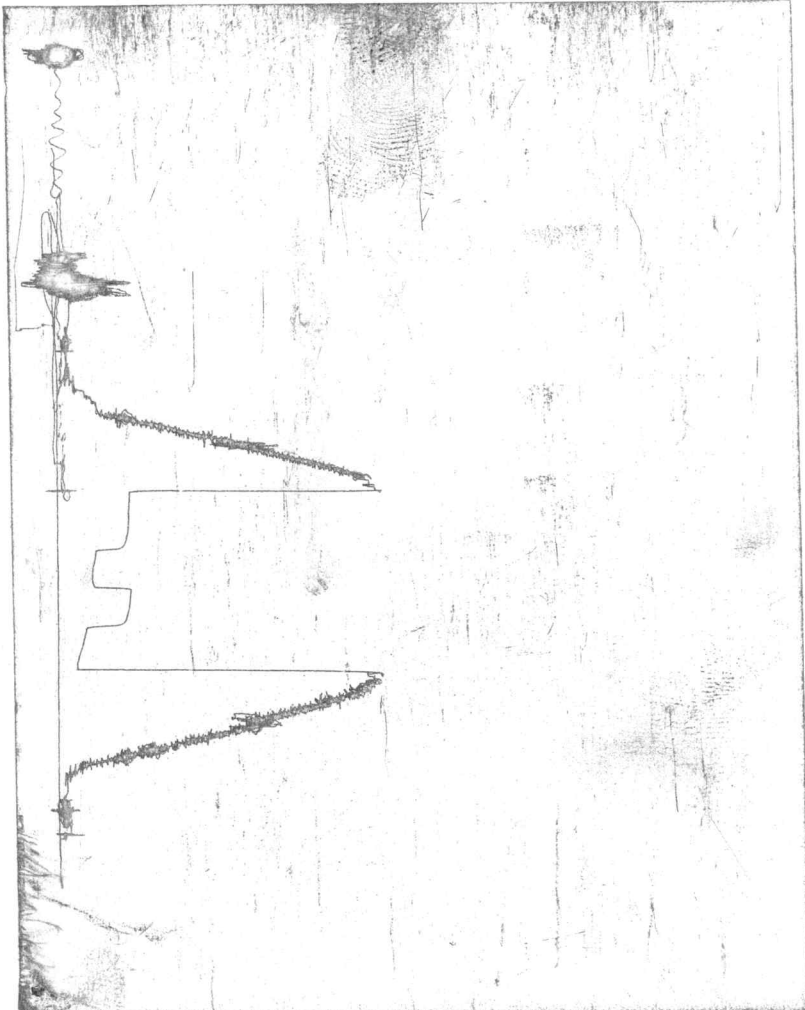
Our Representative A. Mc Lomou *thank you*

Final Flow 30
 Final Shut-In 45
 T-On Location 21:15
 T-Started 22:10
 T-Open 00:04
 T-Pulled 2:19
 T-Out 4:16

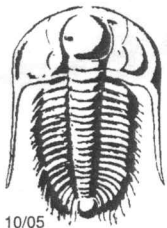
Ruined Packer _____
 Mileage 100 rt 125
 Sub Total: 1205
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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



John D. Farmer
#1
Delaware



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25116

Test Ticket

Well Name & No. <u>DeYoung #1</u>	Test No. <u>2</u>	Date <u>10-13-06</u>
Company <u>John O Farmer, Inc</u>	Zone Tested <u>Arbuckle</u>	
Address <u>PO Box 352, Russell, Ks. 67665</u>	Elevation <u>2255</u>	KB <u>2250</u> GL
Co. Rep / Geo. <u>Randy Kilian</u>	Rig <u>WW #6</u>	
Location: Sec. <u>11</u> Twp. <u>10s</u> Rge. <u>21w</u>	Co. <u>Graham</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3774 - 3804</u>	Initial Str Wt./Lbs. <u>40,000</u>	Unseated Str Wt./Lbs. <u>40,500</u>
Anchor Length <u>30'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>48,000</u>
Top Packer Depth <u>3769</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3774</u>	Hole Size 7 7/8" ☒	Rubber Size 6 3/4" ☒
Total Depth <u>3804</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>118</u>
Mud Wt. <u>9.2</u> LCM <u>1#</u> Vis. <u>48</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2 FH</u>	Ft. Run <u>3654</u>
Blow Description <u>IFP-Weak Blow, Built to 4 1/4"</u>		

ISI - Dead
FFP-Weak Blow, Built to 4 1/2"
FSI - Dead

Recovery - Total Feet <u>135</u>	GIP _____	Ft. in DC <u>118</u>	Ft. in DP <u>17</u>
Rec. <u>120</u> Feet of <u>Free Oil</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>15</u> Feet of <u>OCM</u>	%gas <u>35</u> %oil _____ %water <u>65</u> %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
BHT <u>107°</u> °F Gravity <u>28</u>	°API D @ <u>38</u>	°F Corrected Gravity <u>30</u>	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>3300</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>Alpine</u> <u>1901</u> PSI	Recorder No. <u>6719</u>	<u>Test</u> <u>1100</u>
(B) First Initial Flow Pressure	<u>18</u> PSI	(depth) <u>3776</u>	Jars _____
(C) First Final Flow Pressure	<u>42</u> PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>918</u> PSI	(depth) <u>3801</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>48</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>67</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>884</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1785</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By _____

Our Representative J. Mc Lomore

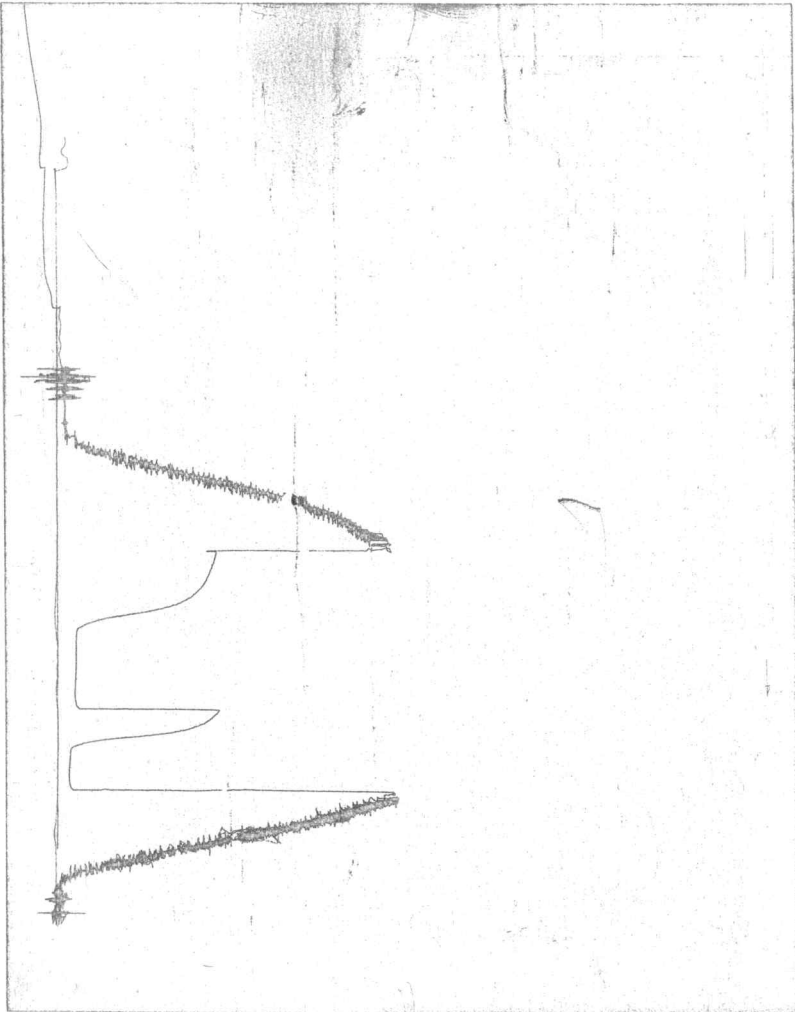
Final Flow	<u>60</u>
Final Shut-In	<u>60</u>
T-On Location	<u>19:55</u>
T-Started	<u>20:18</u>
T-Open	<u>21:54</u>
T-Pulled	<u>00:54</u>
T-Out	<u>3:00</u>

Mileage	<u>100 rT. 125</u>
Sub Total:	<u>1025</u>
Std. By	<u>[Signature]</u>
Acc. Chg:	<u>[Signature]</u>
Other:	_____
Total:	_____

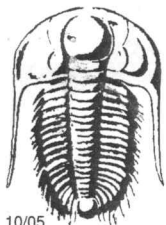
Thank you

CHART PAGE

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



John O Farmer
DeYoung #1



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25117

Test Ticket

Well Name & No. <u>DeYoung #1</u>	Test No. <u>3</u>	Date <u>10-14-06</u>
Company <u>John O Farmer</u>	Zone Tested <u>Arbuckle</u>	
Address <u>PO Box 352, Russell, Ks. 67665</u>	Elevation <u>2255</u>	KB <u>2250</u> GL
Co. Rep / Geo. <u>Randy Killian</u>	Rig <u>WW #6</u>	
Location: Sec. <u>11</u> Twp. <u>10 s</u> Rge. <u>21w</u>	Co. <u>Graham</u>	State <u>Ks</u>
Comment: _____		Release date / time: _____

Interval Tested 3818-3830 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 41,000
 Anchor Length 12' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3813 Tool Weight 2200
 Bottom Packer Depth 3818 Straddle @ 3830 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3862 LTD Ris TD 3866 Wt. Pipe Run 0 Drill Collar Run 118
 Mud Wt. 9.2 LCM 2# Vis. 49 WL 8.4 Drill Pipe Size 4 1/2 FH Ft. Run 3685
 Blow Description IFP-Fair Blow, Built to 10"

ISI-Blowback Built to 1/2"
FFP-Fair Blow, BOB in 30 min.
FSI-Blowback Built to 1"

Recovery - Total Feet 300 GIP 60 Ft. in DC 118 Ft. in DP 182
 Rec. 285 Feet of Free Oil %gas %oil %water %mud
 Rec. 15 Feet of Muddy Oil %gas 65 %oil %water 35 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 113° °F Gravity 28 °API D @ 55 °F Corrected Gravity 28 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 3,800 ppm System

	AK-1	Alpine	Recorder No.	(Test)
(A) Initial Hydrostatic Mud	<u>1910</u>	PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	<u>3816</u>	Jars
(C) First Final Flow Pressure	<u>64</u>	PSI	<u>13221</u>	Safety Jt.
(D) Initial Shut-In Pressure	<u>1143</u>	PSI	<u>3833</u>	Circ Sub
(E) Second Initial Flow Pressure	<u>76</u>	PSI		Sampler
(F) Second Final Flow Pressure	<u>122</u>	PSI		<u>Straddle</u> <u>600</u>
(G) Final Shut-In Pressure	<u>1146</u>	PSI	<u>Initial Opening</u> <u>30</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>1884</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer

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Approved By _____

Our Representative J. Mc Lemore Thank you

T-On Location 16:45
 T-Started 17:30
 T-Open 19:07
 T-Pulled 22:07
 T-Out 00:56

Mileage 125
 Sub Total: 1825
 Std. By 1/4 25
 Acc. Chg: _____
 Other: _____
 Total: \$1850

CHART PAGE

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

JOE
DeYoung #1
DST #3
under straddle packer

