

DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Jeff Christian

17 6 24 Graham KS

#1 David Trust 17 A

Start Date: 2007.10.05 @ 23:01:17

End Date: 2007.10.06 @ 05:29:17

Job Ticket #: 29032 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

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29032

DST#: 1

Test Start: 2007.10.05 @ 23:01:17

GENERAL INFORMATION:

Formation: **LKC "C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:54:17
 Time Test Ended: 05:29:17

Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32

Interval: **3716.00 ft (KB) To 3740.00 ft (KB) (TVD)**
 Total Depth: 3740.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2517.00 ft (KB)
 2512.00 ft (CF)
 KB to GR/CF: 5.00 ft

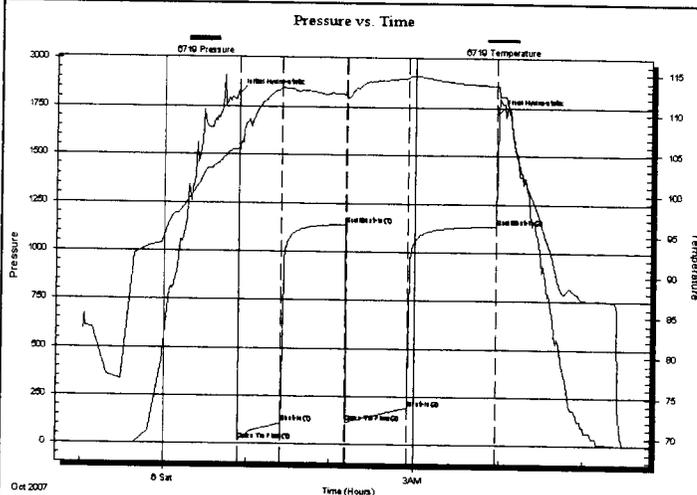
Serial #: 6719

Inside

Press@RunDepth: 192.73 psig @ 3718.00 ft (KB)
 Start Date: 2007.10.05 End Date: 2007.10.06
 Start Time: 23:01:19 End Time: 05:29:17

Capacity: 7000.00 psig
 Last Calib.: 2007.10.06
 Time On Btm: 2007.10.06 @ 00:53:47
 Time Off Btm: 2007.10.06 @ 03:58:47

TEST COMMENT: IFP Good Blow BOB in 24 Min
 ISI Dead
 FFP Good Blow BOB in 32 Min.
 FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.06	105.68	Initial Hydro-static
1	19.29	105.19	Open To Flow (1)
32	108.60	113.11	Shut-In(1)
77	1140.45	112.41	End Shut-In(1)
78	115.45	111.98	Open To Flow (2)
122	192.73	114.48	Shut-In(2)
184	1135.68	113.57	End Shut-In(2)
185	1723.36	113.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	Muddy Water 90%W 10%M	1.83

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

Job Ticket: 29032

DST#: 1

ATTN: Jeff Christian

Test Start: 2007.10.05 @ 23:01:17

Tool Information

Drill Pipe:	Length: 3592.00 ft	Diameter: 3.80 inches	Volume: 50.39 bbl	Tool Weight: 2000.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume:	50.99 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3716.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	45.00 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			3696.00	
Shut In Tool	5.00			3701.00	
Hydraulic tool	5.00			3706.00	
Packer	5.00			3711.00	21.00 Bottom Of Top Packer
Packer	5.00			3716.00	
Stubb	1.00			3717.00	
Perforations	1.00			3718.00	
Recorder	0.00	6719	Inside	3718.00	
Perforations	19.00			3737.00	
Recorder	0.00	13221	Outside	3737.00	
Bullnose	3.00			3740.00	24.00 Bottom Packers & Anchor

Total Tool Length: 45.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

Job Ticket: 29032

DST#: 1

ATTN: Jeff Christian

Test Start: 2007.10.05 @ 23:01:17

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.78 in³

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 21000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	Muddy Water 90%W 10%M	1.825

Total Length: 210.00 ft Total Volume: 1.825 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

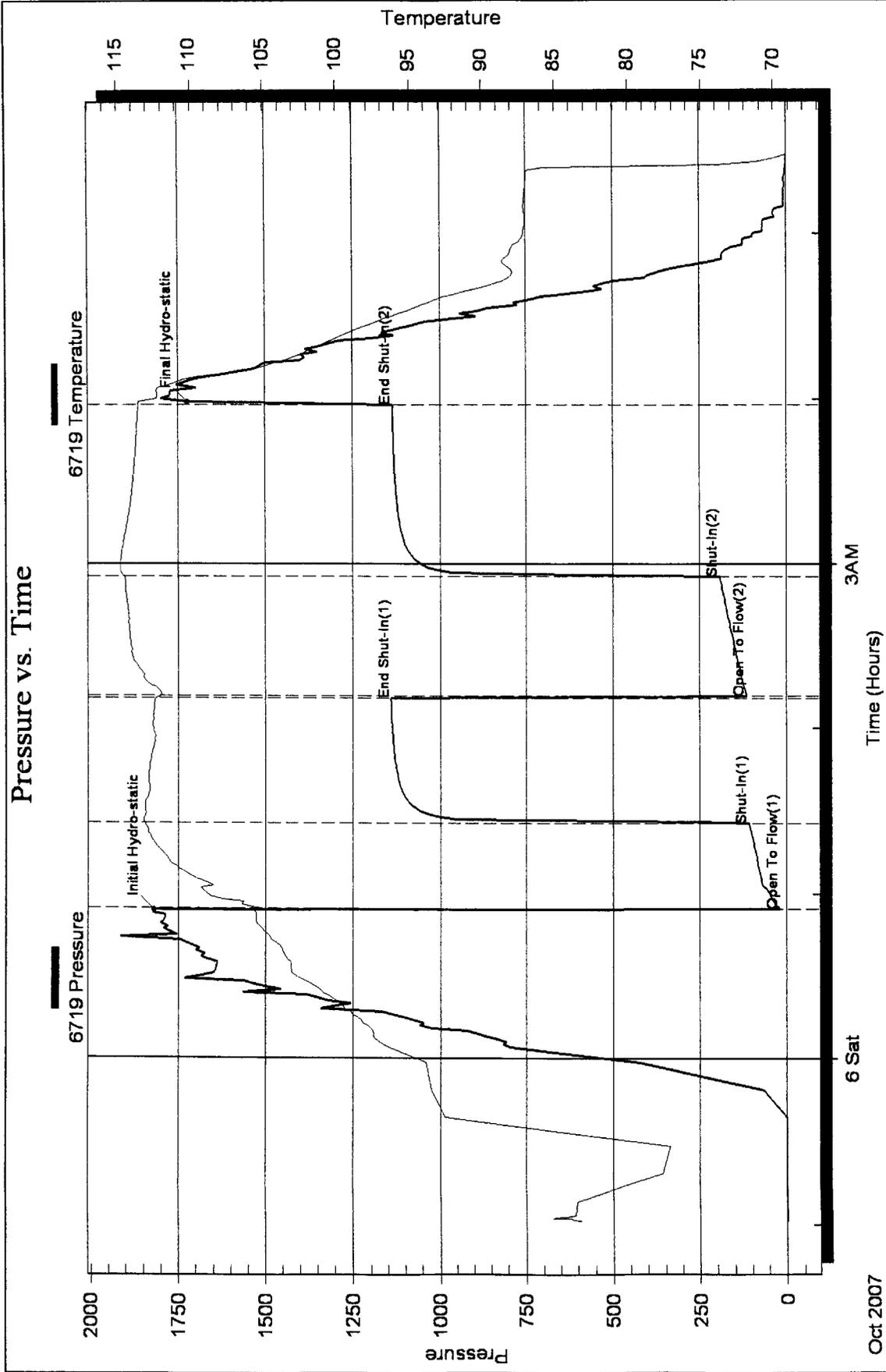
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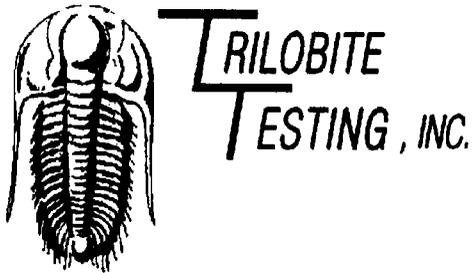
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Jeff Christian

17 6 24 Graham KS

#1 David Trust 17 A

Start Date: 2007.10.06 @ 13:00:30

End Date: 2007.10.06 @ 18:10:00

Job Ticket #: 29033 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29033

DST#: 2

Test Start: 2007.10.06 @ 13:00:30

GENERAL INFORMATION:

Formation: **"D-E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:35:00

Time Test Ended: 18:10:00

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3735.00 ft (KB) To 3775.00 ft (KB) (TVD)**

Total Depth: 3775.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2517.00 ft (KB)

2512.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719 Inside

Press@RunDepth: 26.31 psig @ 3740.00 ft (KB)

Start Date: 2007.10.06

End Date:

2007.10.06

Start Time: 13:00:32

End Time:

18:10:00

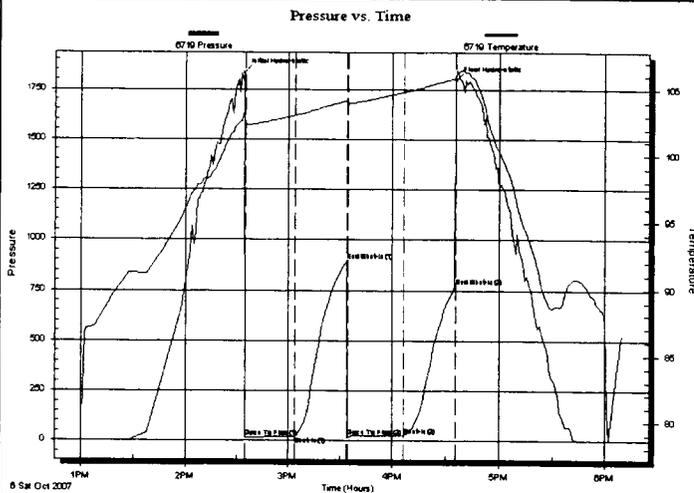
Capacity: 7000.00 psig

Last Calib.: 2007.10.06

Time On Btm: 2007.10.06 @ 14:34:30

Time Off Btm: 2007.10.06 @ 16:35:30

TEST COMMENT: IFP Weak Surface Blow Lasted Throughout
ISI Dead
FFP Dead
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.55	102.66	Initial Hydro-static
1	16.32	102.37	Open To Flow (1)
30	20.00	103.03	Shut-In(1)
60	895.85	104.14	End Shut-In(1)
60	21.88	103.73	Open To Flow (2)
92	26.31	104.80	Shut-In(2)
121	770.56	105.83	End Shut-In(2)
121	1794.46	106.05	Final Hydro-static

Recovery

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

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

Job Ticket: 29033

DST#: 2

ATTN: Jeff Christian

Test Start: 2007.10.06 @ 13:00:30

Tool Information

Drill Pipe:	Length: 3598.00 ft	Diameter: 3.80 inches	Volume: 50.47 bbl	Tool Weight: 2000.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume:	51.07 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3735.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	61.00 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			3715.00	
Shut In Tool	5.00			3720.00	
Hydraulic tool	5.00			3725.00	
Packer	5.00			3730.00	21.00 Bottom Of Top Packer
Packer	5.00			3735.00	
Stubb	1.00			3736.00	
Perforations	3.00			3739.00	
Change Over Sub	1.00			3740.00	
Recorder	0.00	6719	Inside	3740.00	
Blank Spacing	31.00			3771.00	
Change Over Sub	1.00			3772.00	
Perforations	0.00			3772.00	
Recorder	0.00	13221	Outside	3772.00	
Bullnose	3.00			3775.00	40.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc
PO Box 783188
Wichita KS 67278
ATTN: Jeff Christian

#1 David Trust 17 A
17 6 24 Graham KS
Job Ticket: 29033 **DST#: 2**
Test Start: 2007.10.06 @ 13:00:30

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:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2900.00 ppm			
Filter Cake: inches			

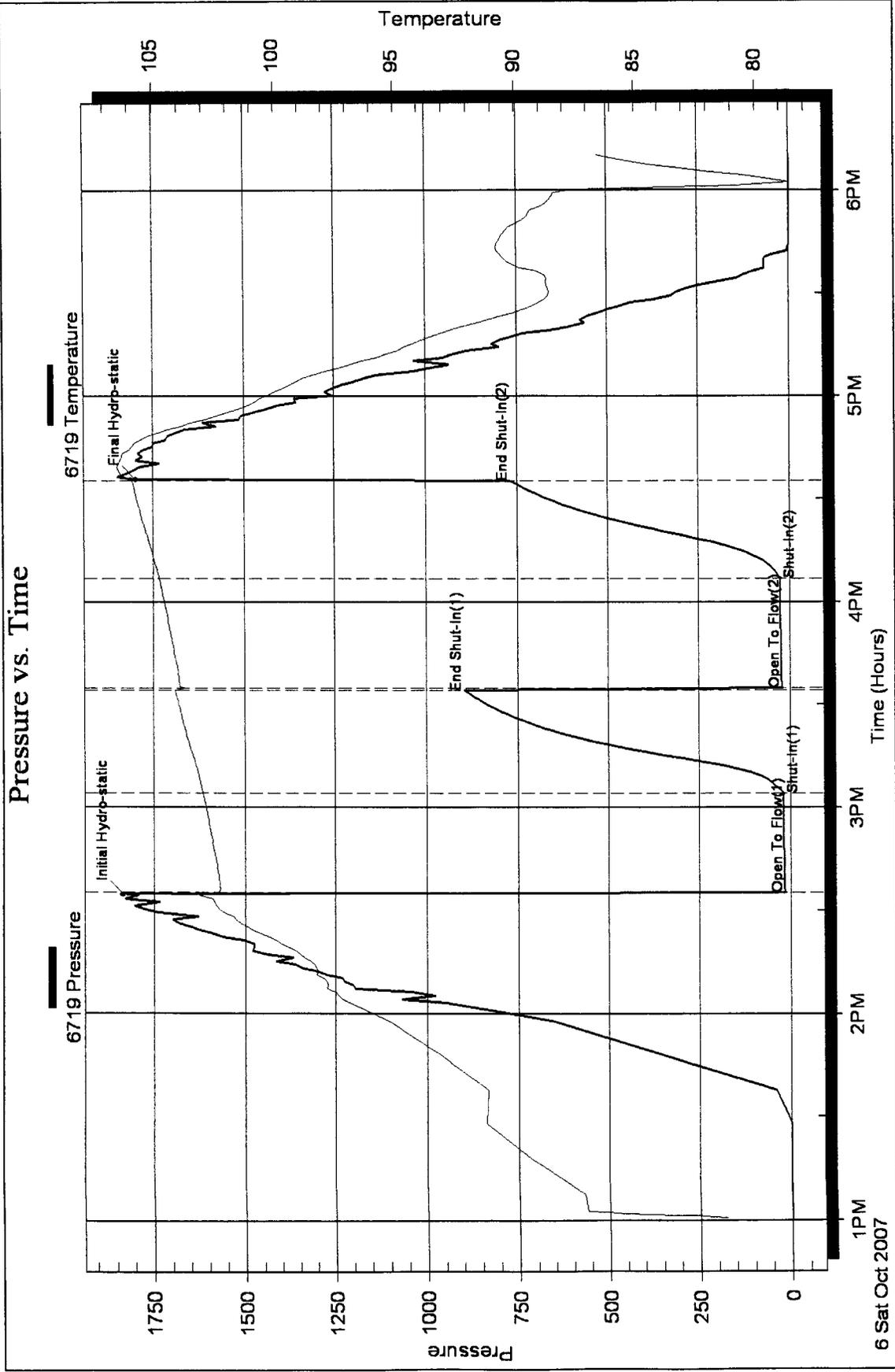
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	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





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Jeff Christian

17 6 24 Graham KS

#1 David Trust 17 A

Start Date: 2007.10.07 @ 01:16:49

End Date: 2007.10.07 @ 06:58:49

Job Ticket #: 29034 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Ritchie Exploration Inc

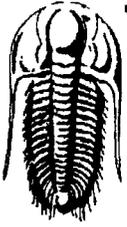
#1 David Trust 17 A

17 6 24 Graham KS

DST # 3

"H"

2007.10.07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29034

DST#: 3

Test Start: 2007.10.07 @ 01:16:49

GENERAL INFORMATION:

Formation: "H"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:38:19

Time Test Ended: 06:58:49

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 3796.00 ft (KB) To 3824.00 ft (KB) (TVD)

Total Depth: 3824.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2517.00 ft (KB)

2512.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6719

Inside

Press@RunDepth: 15.81 psig @ 3800.00 ft (KB)

Start Date: 2007.10.07

End Date:

2007.10.07

Start Time: 01:16:51

End Time:

06:58:49

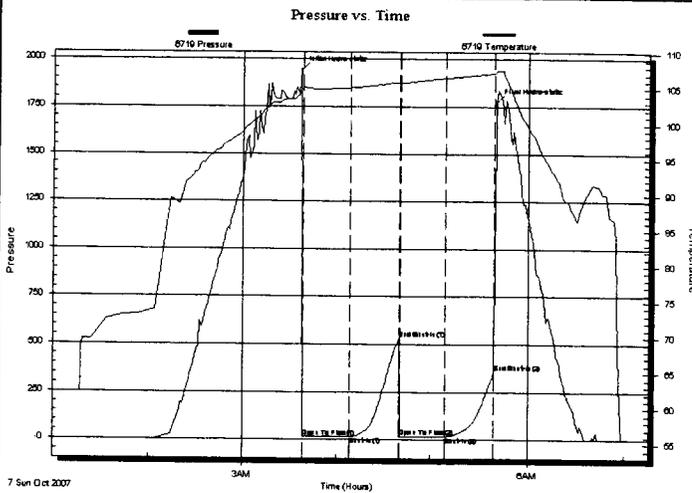
Capacity: 7000.00 psig

Last Calib.: 2007.10.07

Time On Btm: 2007.10.07 @ 03:37:19

Time Off Btm: 2007.10.07 @ 05:40:19

TEST COMMENT: IFP Surge on Open Dead
ISI Dead
FFP Dead
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1942.28	104.86	Initial Hydro-static
1	13.72	105.10	Open To Flow (1)
32	14.89	105.14	Shut-In(1)
63	531.23	105.96	End Shut-In(1)
64	15.26	105.86	Open To Flow (2)
92	15.81	106.54	Shut-In(2)
122	355.56	107.23	End Shut-In(2)
123	1774.71	107.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29034

DST#: 3

Test Start: 2007.10.07 @ 01:16:49

Tool Information

Drill Pipe:	Length: 3658.00 ft	Diameter: 3.80 inches	Volume: 51.31 bbl	Tool Weight: 2000.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume:	51.91 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3796.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3776.00	
Shut In Tool	5.00			3781.00	
Hydraulic tool	5.00			3786.00	
Packer	5.00			3791.00	21.00 Bottom Of Top Packer
Packer	5.00			3796.00	
Stubb	1.00			3797.00	
Perforations	3.00			3800.00	
Recorder	0.00	6719	Inside	3800.00	
Perforations	21.00			3821.00	
Recorder	0.00	13221	Outside	3821.00	
Bullnose	3.00			3824.00	28.00 Bottom Packers & Anchor

Total Tool Length: 49.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29034

DST#: 3

Test Start: 2007.10.07 @ 01:16:49

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 2900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

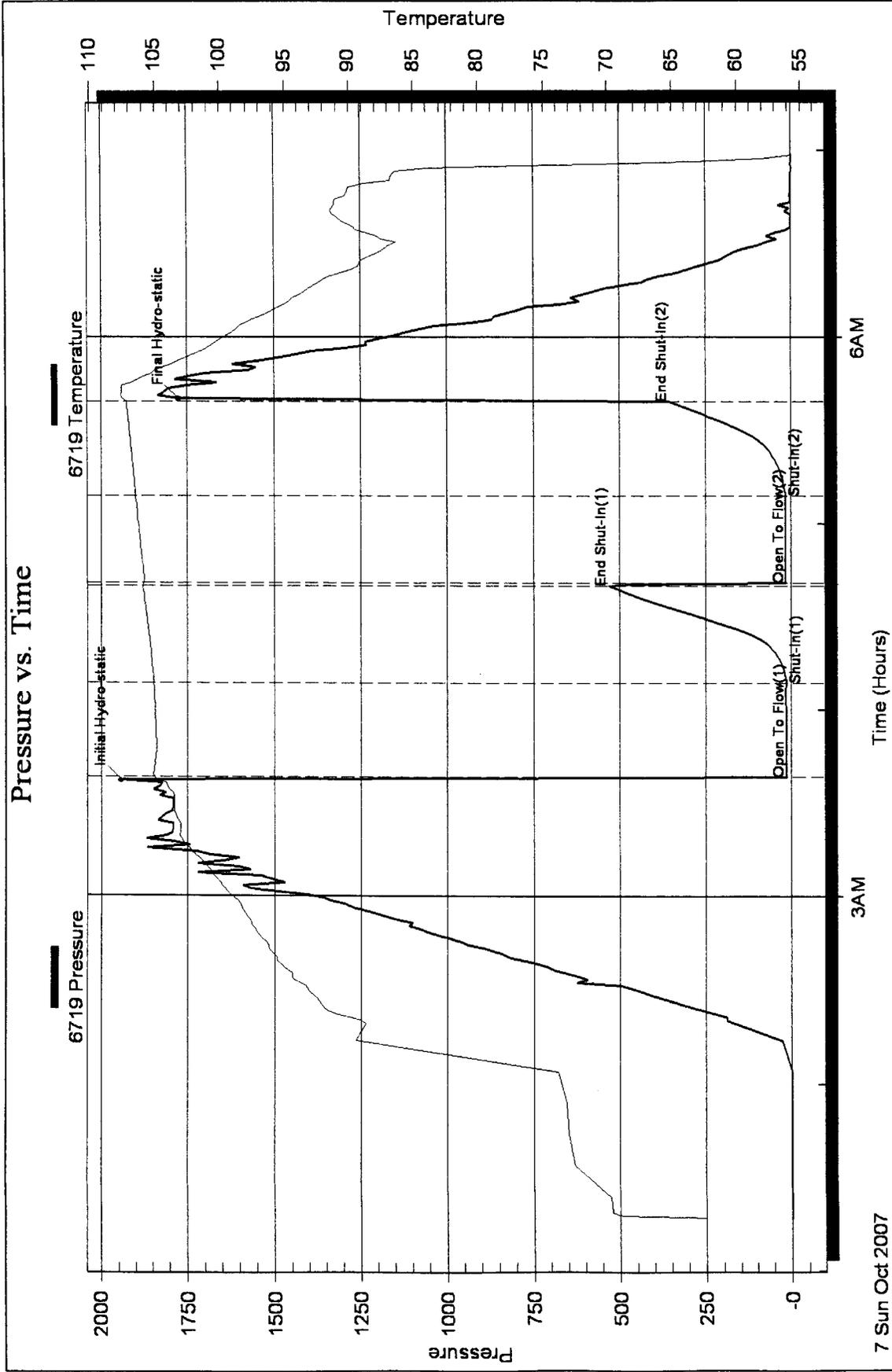
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ritchie Exploration Inc**

PO Box 783188
Wichita KS 67278

ATTN: Jeff Christian

17 6 24 Graham KS

#1 David Trust 17 A

Start Date: 2007.10.07 @ 18:40:38

End Date: 2007.10.08 @ 01:09:38

Job Ticket #: 29035 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Ritchie Exploration Inc

#1 David Trust 17 A

17 6 24 Graham KS

DST # 4

"K"

2007.10.07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29035

DST#: 4

Test Start: 2007.10.07 @ 18:40:38

GENERAL INFORMATION:

Formation: **"K"**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 20:20:08
Time Test Ended: 01:09:38

Test Type: **Conventional Bottom Hole**
Tester: **Jason McLemore**
Unit No: **32**

Interval: **3842.00 ft (KB) To 3910.00 ft (KB) (TVD)**
Total Depth: **3910.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2517.00 ft (KB)**
2512.00 ft (CF)
KB to GR/CF: **5.00 ft**

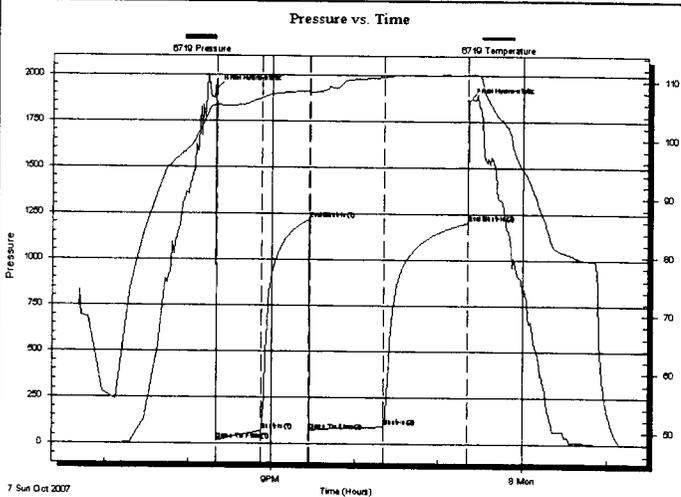
Serial #: 6719

Inside

Press@RunDepth: **94.30 psig @ 3848.00 ft (KB)**
Start Date: **2007.10.07** End Date: **2007.10.08**
Start Time: **18:40:40** End Time: **01:09:38**

Capacity: **7000.00 psig**
Last Calib.: **2007.10.08**
Time On Btm: **2007.10.07 @ 20:19:38**
Time Off Btm: **2007.10.07 @ 23:21:08**

TEST COMMENT: **IFP Weak Blow Built to 4 "**
ISI Dead
FFP Weak Blow Built to 3-1/2 "
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1917.65	106.06	Initial Hydro-static
1	18.17	105.86	Open To Flow (1)
33	70.11	107.09	Shut-In (1)
67	1215.85	108.27	End Shut-In (1)
68	72.13	108.04	Open To Flow (2)
122	94.30	110.65	Shut-In (2)
181	1201.09	111.05	End Shut-In (2)
182	1859.58	111.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	VSOCWM 3%O 10%W 87%M	0.98

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

Job Ticket: 29035

DST#: 4

ATTN: Jeff Christian

Test Start: 2007.10.07 @ 18:40:38

Tool Information

Drill Pipe:	Length: 3720.00 ft	Diameter: 3.80 inches	Volume: 52.18 bbl	Tool Weight: 2000.00 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: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	52.78 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3842.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3822.00	
Shut In Tool	5.00			3827.00	
Hydraulic tool	5.00			3832.00	
Packer	5.00			3837.00	21.00 Bottom Of Top Packer
Packer	5.00			3842.00	
Stubb	1.00			3843.00	
Perforations	4.00			3847.00	
Change Over Sub	1.00			3848.00	
Recorder	0.00	6719	Inside	3848.00	
Blank Spacing	31.00			3879.00	
Change Over Sub	1.00			3880.00	
Perforations	27.00			3907.00	
Recorder	0.00	13221	Outside	3907.00	
Bullnose	3.00			3910.00	68.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ritchie Exploration Inc

#1 David Trust 17 A

PO Box 783188
Wichita KS 67278

17 6 24 Graham KS

ATTN: Jeff Christian

Job Ticket: 29035

DST#: 4

Test Start: 2007.10.07 @ 18:40:38

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.79 in³

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	VSOCWM 3%O 10%W 87%M	0.984

Total Length: 150.00 ft Total Volume: 0.984 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

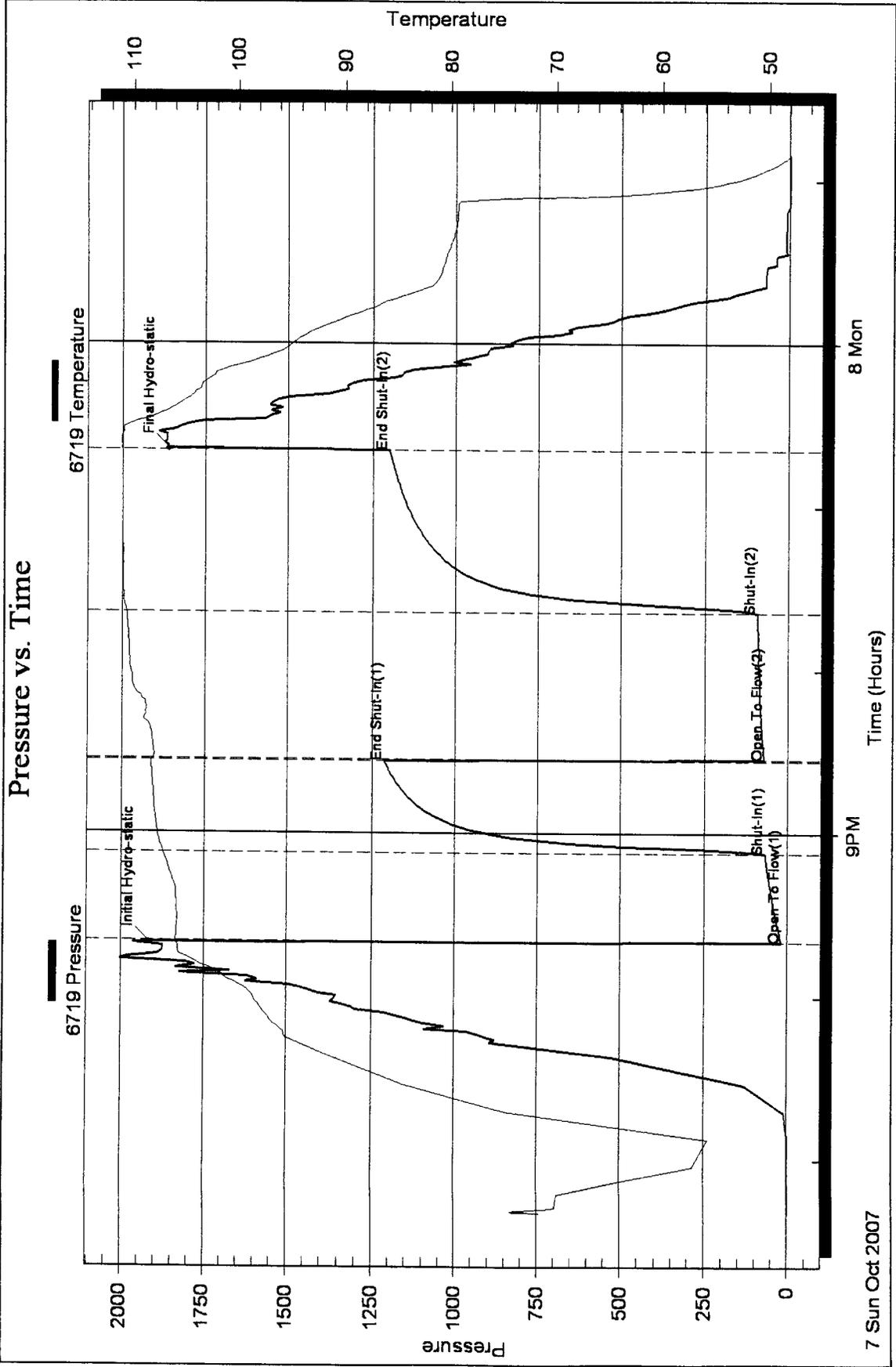
Serial #:

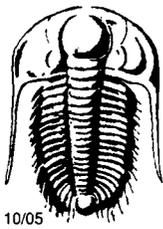
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29032

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BY: _____

Test Ticket

Well Name & No. *1 David Trust 17 'A' Test No. 1 Date 10-5-07
 Company Ritchie Exploration Inc Zone Tested LKC 'C'
 Address PO Box 783188, Wichita, Ks, 67278 Elevation 2517 KB 2512 GL
 Co. Rep / Geo. Jeff Christian Rig WW #4
 Location: Sec. 17 Twp. 6s Rge. 24w Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3716 - 3740 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 51,000
 Anchor Length 24' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3711 Tool Weight 2,000
 Bottom Packer Depth 3716 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3740 Wt. Pipe Run 0 Drill Collar Run 123
 Mud Wt. 8.9 LCM 2# Vis. 49 WL 7.8 Drill Pipe Size 4 1/2 XH Ft. Run 3592
 Blow Description IFP - Good Blow, BOB in 24 min.
ISI - Dead
FFP - Good Blow, BOB in 32 min.
FSI - Dead

Recovery - Total Feet 210 GIP _____ Ft. in DC _____ Ft. in DP _____
 Rec. 210 Feet of Muddy Water %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 114° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .336 @ 68° °F Chlorides 21,000 ppm Recovery _____ Chlorides 2,300 ppm System

	AK-1	Alpine	Recorder No.	(Test)
(A) Initial Hydrostatic Mud	1820	PSI	6719	1100
(B) First Initial Flow Pressure	19	PSI	3717	Jars
(C) First Final Flow Pressure	109	PSI	13221	Safety Jt.
(D) Initial Shut-In Pressure	1140	PSI	3737	Circ Sub
(E) Second Initial Flow Pressure	115	PSI		Sampler
(F) Second Final Flow Pressure	193	PSI		Straddle
(G) Final Shut-In Pressure	1136	PSI	Initial Opening 30	Ext. Packer
(Q) Final Hydrostatic Mud	1723	PSI	Initial Shut-In 45	Shale Packer

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 _____
 Our Representative J. Mc Lamon

Final Flow	45
Final Shut-In	60
T-On Location	22:14
T-Started	23:01
T-Open	00:54
T-Pulled	3:54
T-Out	5:29
Mileage	160 at 200
Sub Total:	
Std. By	
Acc. Chg:	
Other:	
Total:	\$1300

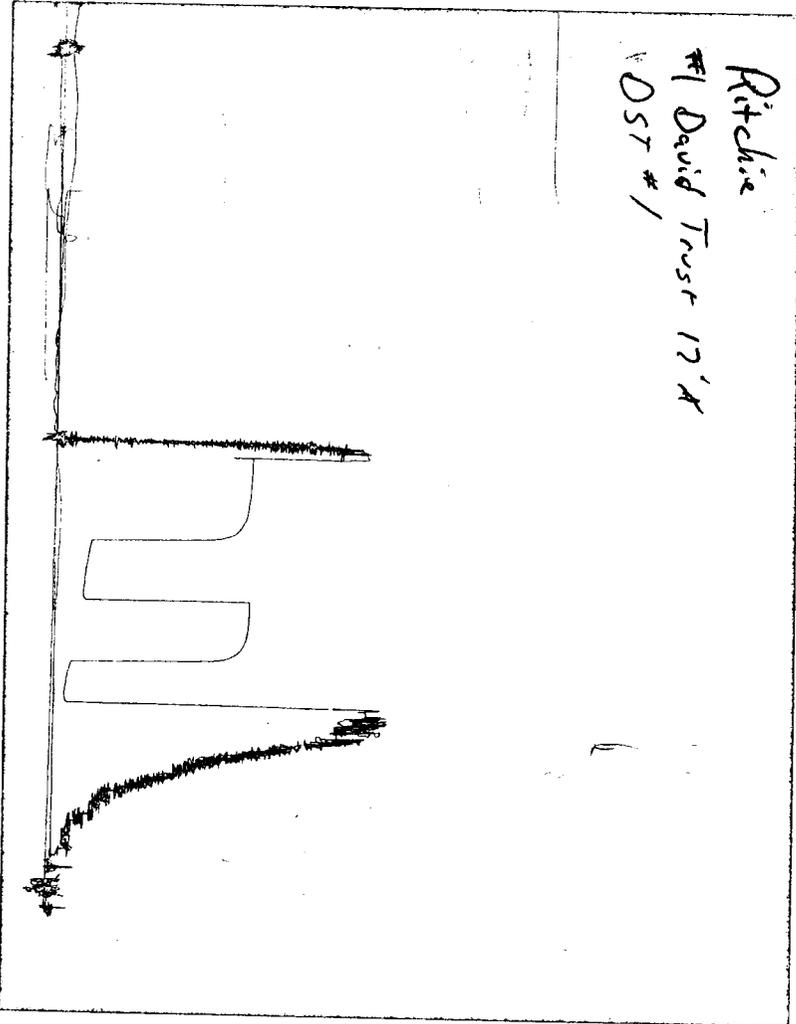
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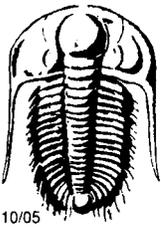
This is a photocopy of the actual AK-1 recorder chart

Ritchie

#1 David Trust 17' X

DST #1





TRILOBITE TESTING INC.

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29033

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OCT 8 2007

BY: _____

Test Ticket

Well Name & No. #1 David Trust 17 A Test No. 2 Date 10-6-07
 Company Ritchie Exploration Inc Zone Tested "D-E-F"
 Address PO Box 783188, Wichita, KS 67278 Elevation 2517 KB 2512 GL
 Co. Rep / Geo. Jeff Christian Rig WW#4
 Location: Sec. 17 Twp. 6s Rge. 24w Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3735-3775 Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 50,000
 Anchor Length 40' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3730 Tool Weight 2,000
 Bottom Packer Depth 3735 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3775 Wt. Pipe Run 0 Drill Collar Run 123
 Mud Wt. 9.1 LCM 1* Vis. 60 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3768
 Blow Description IFP- Weak Surface Blow, Lasted throughout
ISI- Dead
FFP- Dead
FSI- Dead

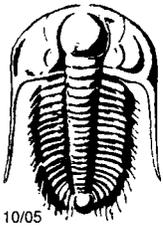
Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>5</u> Feet of <u>Mud</u>	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
BHT <u>106°</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API	Chlorides <u>2900</u> ppm Recovery _____ Chlorides _____ ppm System		

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1833</u> PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>16</u> PSI	(depth) <u>3740</u>	Jars _____
(C) First Final Flow Pressure	<u>20</u> PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>896</u> PSI	(depth) <u>3772</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>22</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>26</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>771</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1794</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By _____
 Our Representative J. McLamou

Final Flow	<u>30</u>	Ruined Packer _____
Final Shut-In	<u>30</u>	Mileage <u>160 rt 200</u>
T-On Location	<u>12:30</u>	Sub Total: _____
T-Started	<u>13:00</u>	Std. By _____
T-Open	<u>14:33</u>	Acc. Chg: _____
T-Pulled	<u>16:37</u>	Other: _____
T-Out	<u>18:06</u>	Total: <u>1300</u>



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BY: _____

Test Ticket

Well Name & No. #1 David Trust 17 A Test No. 3 Date 10-7-07
 Company Ritchie Exploration Inc Zone Tested "H"
 Address PO Box 783188, Wichita, Ks. 67278 Elevation 2517 KB 2512 GL
 Co. Rep / Geo. Jeff Christian Rig WW #4
 Location: Sec. 17 Twp. 6s Rge. 24w Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3796 - 3824 Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 28' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3791 Tool Weight 2,000
 Bottom Packer Depth 3796 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3824 Wt. Pipe Run 0 Drill Collar Run 123
 Mud Wt. 9.1 LCM 1* Vis. 60 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run 3658
 Blow Description IFP - IFP - Dead, Surge on open

ISI - Dead
FFP - Dead
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>2</u>	<u>Mud</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT _____	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____
RW _____	@ _____	*F Chlorides _____ ppm	Recovery _____ Chlorides <u>2900</u> ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud _____	PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure _____	PSI	(depth) <u>3800</u>	Jars _____
(C) First Final Flow Pressure _____	PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure _____	PSI	(depth) <u>3821</u>	Circ Sub _____
(E) Second Initial Flow Pressure _____	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure _____	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure _____	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud _____	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
		Final Flow <u>30</u>	Ruined Packer _____
		Final Shut-In <u>30</u>	Mileage <u>160 rt</u> <u>rt</u>
		T-On Location <u>12:35</u>	Sub Total: _____
		T-Started <u>1:16</u>	Std. By _____
		T-Open <u>3:37</u>	Acc. Chg: _____
		T-Pulled <u>5:37</u>	Other: _____
		T-Out <u>7:00</u>	Total: <u>\$1300</u>

Approved By _____
 Our Representative J. Mc Lanon

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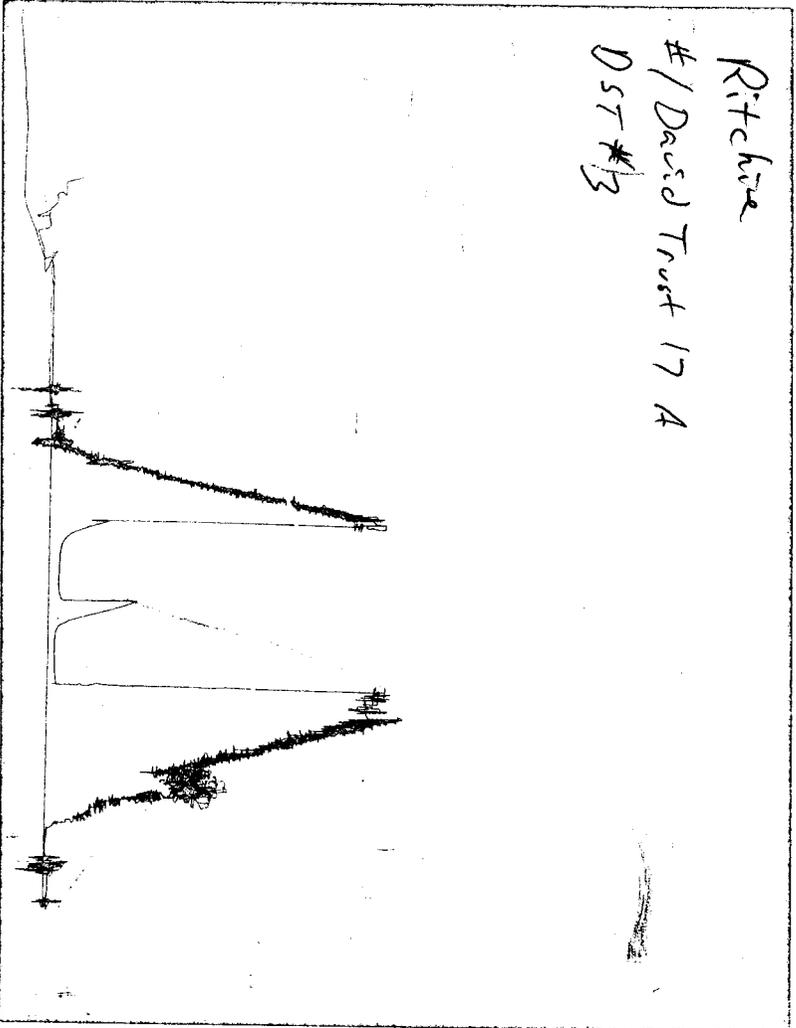
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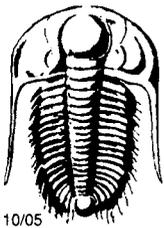
This is a photocopy of the actual AK-1 recorder chart

Ritchie

#/David Trust 17 A

DST #13





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29035

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OCT 8 2007

BY: _____

Test Ticket

Well Name & No. #1 David Trust 17 A Test No. 4 Date 10-7-07
 Company Ritchie Exploration, Inc. Zone Tested "K"
 Address PO Box 783188, Wichita, Ks. 67278 Elevation 2517 KB 2512 GL
 Co. Rep / Geo. Jeff Christian Rig WW#4
 Location: Sec. 17 Twp. 6s Rge. 24w Co. Graham State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3842 - 3910 Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 52,000
 Anchor Length 68' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 3837 Tool Weight 2,000
 Bottom Packer Depth 3842 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3910 Wt. Pipe Run 0 Drill Collar Run 123
 Mud Wt. 9.2 LCM 2# Vis. 58 WL 9.2 Drill Pipe Size 4 1/2 XH Ft. Run 3720

Flow Description IFP-Weak Blow, Built to 4"
ISI-Dead
FFP-Weak Blow, Built to 3 1/2"
FSI-Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>150</u>	<u>VSOCWM</u>	%gas <u>3</u> %oil <u>10</u> %water <u>87</u> %mud	
Feet of _____	_____	%gas _____ %oil _____ %water _____ %mud	
Feet of _____	_____	%gas _____ %oil _____ %water _____ %mud	
Feet of _____	_____	%gas _____ %oil _____ %water _____ %mud	
Feet of _____	_____	%gas _____ %oil _____ %water _____ %mud	
Feet of _____	_____	%gas _____ %oil _____ %water _____ %mud	

API 111° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 Chlorides _____ ppm Recovery _____ Chlorides 2900 ppm System

AK-1	Alpine	Recorder No.	Test
Initial Hydrostatic Mud	<u>1918</u> PSI	<u>6719</u>	<u>1100</u>
First Initial Flow Pressure	<u>18</u> PSI	(depth) <u>3848</u>	Jars _____
First Final Flow Pressure	<u>70</u> PSI	Recorder No. <u>13221</u>	Safety Jt. _____
Initial Shut-In Pressure	<u>1216</u> PSI	(depth) <u>3907</u>	Circ Sub _____
Second Initial Flow Pressure	<u>72</u> PSI	Recorder No. _____	Sampler _____
Second Final Flow Pressure	<u>94</u> PSI	(depth) _____	Straddle _____
Final Shut-In Pressure	<u>1201</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
Final Hydrostatic Mud	<u>1860</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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Approved By _____
 Supervisor Representative J. Mc Lemae *thank you*
 Final Flow 45 Ruined Packer _____
 Final Shut-In 60 Mileage 160H 200
 T-On Location 18:00 Sub Total: _____
 T-Started 18:40 Std. By _____
 T-Open 20:29 Acc. Chg: _____
 T-Pulled 23:24 Other: _____
 T-Out 1:12 Total: 81306

CHART PAGE

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

Ritchie
#1 David Trust 12A

DST #14

