

DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

P O Box 329
Russell Ks 67665

ATTN: Frank Schulte

27-12-16-Ellis-Ks

JI&H Frolich # 8

'B'

(ORL 3-3-2004)

Start Date: 2004.11.12 @ 20:20:55

End Date: 2004.11.13 @ 03:00:55

Job Ticket #: 20862 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

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

ATTN: Frank Schulte

Job Ticket: 20862

DST#: 1

Test Start: 2004.11.12 @ 20:20:55

GENERAL INFORMATION:

Formation: **F-G LKC**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 22:14:25
 Time Test Ended: 03:00:55

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

Interval: **3374.00 ft (KB) To 3415.00 ft (KB) (TVD)**
 Total Depth: **3415.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2107.00 ft (KB)**
2102.00 ft (CF)
 KB to GR/CF: **5.00 ft**

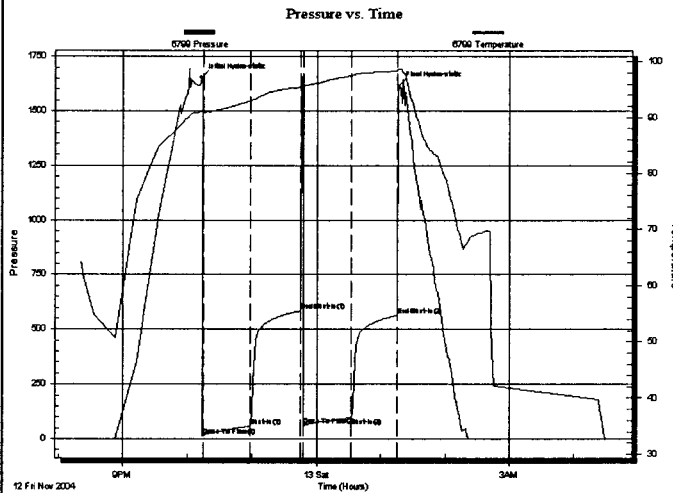
Serial #: 6799

Inside

Press@RunDepth: **98.78 psig @ 3377.00 ft (KB)**
 Start Date: **2004.11.12** End Date: **2004.11.13**
 Start Time: **20:20:56** End Time: **04:29:55**

Capacity: **7000.00 psig**
 Last Calib.: **2004.11.13**
 Time On Btrm: **2004.11.12 @ 22:12:55**
 Time Off Btrm: **2004.11.13 @ 01:16:55**

TEST COMMENT: **IF-Weak building to 3 1/2"**
FF-Weak building to 2"
Times-45-45-45-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.97	91.11	Initial Hydro-static
2	14.45	90.82	Open To Flow (1)
46	59.29	92.97	Shut-In(1)
92	584.53	95.39	End Shut-In(1)
95	63.97	95.65	Open To Flow (2)
140	98.78	97.53	Shut-In(2)
182	562.64	98.30	End Shut-In(2)
184	1617.73	98.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mdy Wtr	1.68
65.00	DMw/show free oil	0.91

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

JH&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20862

DST#: 1

ATTN: Frank Schulte

Test Start: 2004.11.12 @ 20:20:55

Tool Information

Drill Pipe:	Length: 3378.00 ft	Diameter: 3.80 inches	Volume: 47.38 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 47.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3374.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	62.00 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			3354.00	
Shut In Tool	5.00			3359.00	
Hydraulic tool	5.00			3364.00	
Packer	5.00			3369.00	21.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Stubb	1.00			3375.00	
Perforations	1.00			3376.00	
Change Over Sub	1.00			3377.00	
Recorder	0.00	6799	Inside	3377.00	
Drill Pipe	31.00			3408.00	
Change Over Sub	1.00			3409.00	
Perforations	3.00			3412.00	
Recorder	0.00	13254	Outside	3412.00	
Bullnose	3.00			3415.00	41.00 Bottom Packers & Anchor

Total Tool Length: 62.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20862

DST#: 1

ATTN: Frank Schulte

Test Start: 2004.11.12 @ 20:20:55

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 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
120.00	Mdy Wtr	1.683
65.00	DMw/show free oil	0.912

Total Length: 185.00 ft Total Volume: 2.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

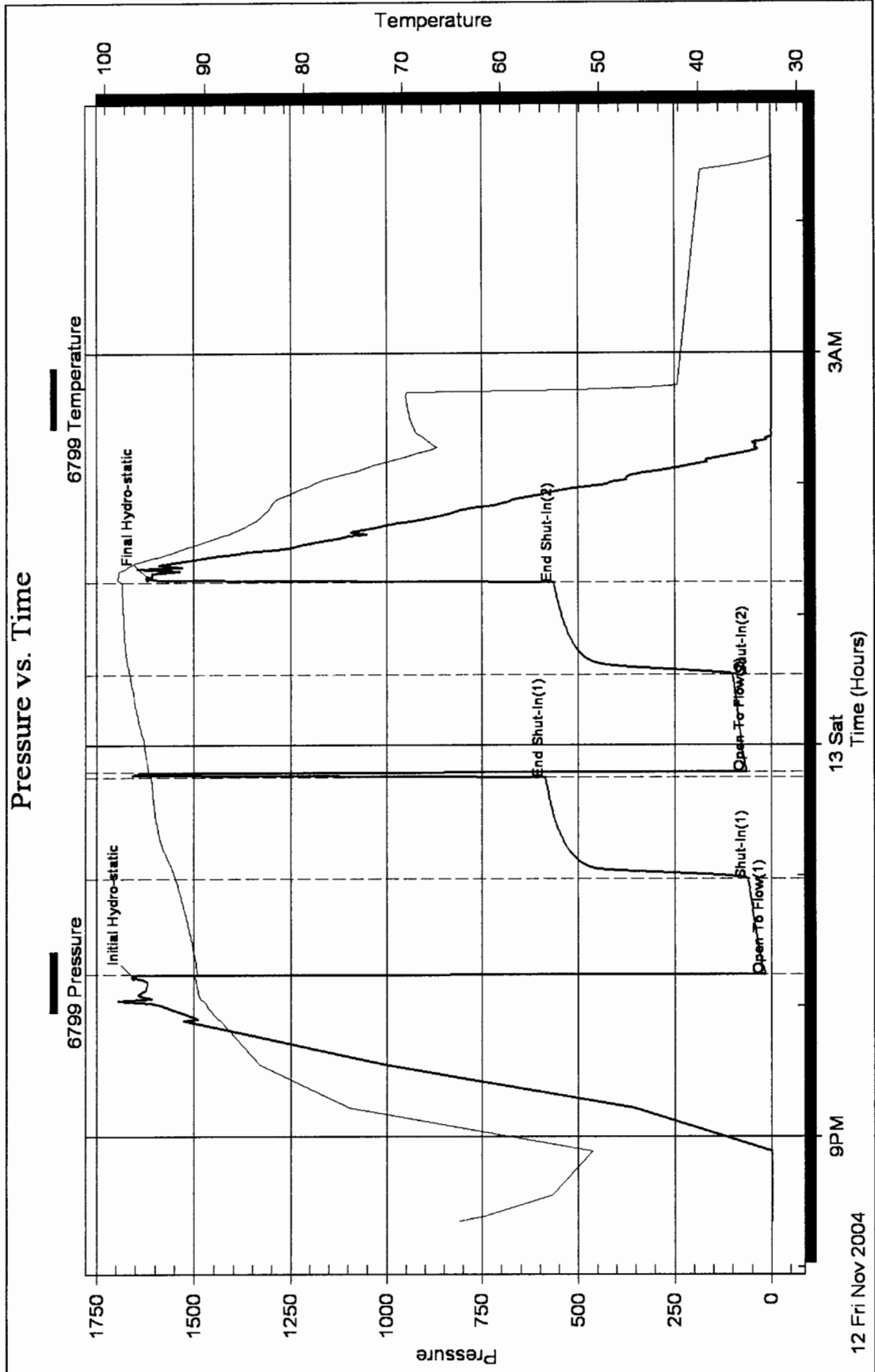
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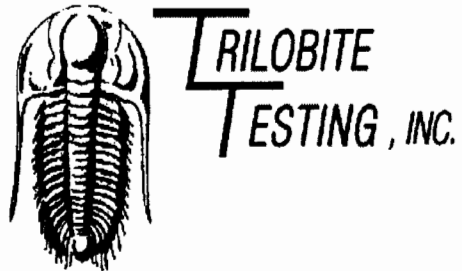
Inside

Bennett & Schulte Oil Co

27-12-16-Blis-Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

P O Box 329
Russell Ks 67665

ATTN: Frank Schulte

27-12-16-Ellis-Ks

JI&H Frolich # 8

Start Date: 2004.11.13 @ 12:55:01

End Date: 2004.11.13 @ 20:45:01

Job Ticket #: 20863 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Bennett & Schulte Oil Co

JI&H Frolich # 8

27-12-16-Ellis-Ks

DST # 2

H-I-J

LKC

2004.11.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20863

DST#: 2

ATTN: Frank Schulte

Test Start: 2004.11.13 @ 12:55:01

GENERAL INFORMATION:

Formation: **H-I-J LKC**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 14:44:01
 Time Test Ended: 20:45:01

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

Interval: **3435.00 ft (KB) To 3500.00 ft (KB) (TVD)**
 Total Depth: **3500.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2107.00 ft (KB)**
2102.00 ft (CF)
 KB to GR/CF: **5.00 ft**

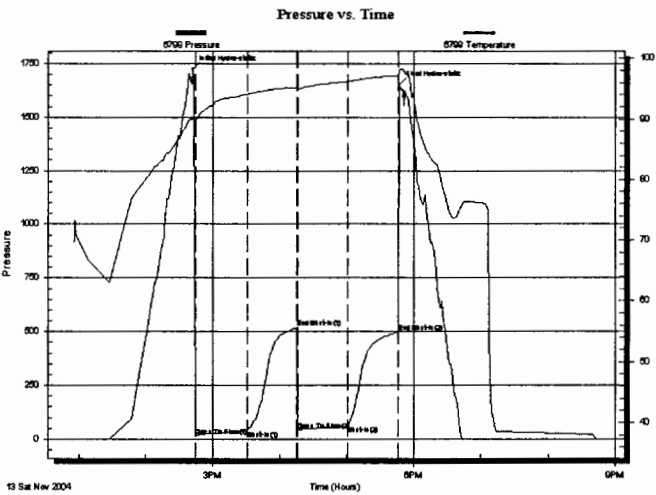
Serial #: 6799

Inside

Press@RunDepth: **62.59 psig @ 3438.00 ft (KB)**
 Start Date: **2004.11.13** End Date: **2004.11.13**
 Start Time: **12:55:02** End Time: **20:45:01**

Capacity: **7000.00 psig**
 Last Calib.: **2004.11.13**
 Time On Btrm: **2004.11.13 @ 14:42:01**
 Time Off Btrm: **2004.11.13 @ 17:47:01**

TEST COMMENT: **F-Strong B-B in 21 min**
FF-Strong B-B in 11 min
Times-45-45-45-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1723.08	90.07	Initial Hydro-static
2	14.34	89.73	Open To Flow (1)
49	38.37	94.08	Shut-In(1)
93	517.31	95.19	End Shut-In(1)
94	39.90	95.04	Open To Flow (2)
139	62.59	96.20	Shut-In(2)
184	498.19	97.09	End Shut-In(2)
185	1652.16	97.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	O&GCM 20%g 10%o 70%m	0.88
62.00	O&GCM 20%g 40%o 40%m	0.87
0.00	558 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20863

DST#: 2

ATTN: Frank Schulte

Test Start: 2004.11.13 @ 12:55:01

Tool Information

Drill Pipe:	Length: 3438.00 ft	Diameter: 3.80 inches	Volume: 48.23 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 48.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3435.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	86.00 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			3415.00	
Shut In Tool	5.00			3420.00	
Hydraulic tool	5.00			3425.00	
Packer	5.00			3430.00	21.00 Bottom Of Top Packer
Packer	5.00			3435.00	
Stubb	1.00			3436.00	
Perforations	1.00			3437.00	
Change Over Sub	1.00			3438.00	
Recorder	0.00	6799	Inside	3438.00	
Drill Pipe	31.00			3469.00	
Change Over Sub	1.00			3470.00	
Perforations	27.00			3497.00	
Recorder	0.00	13254	Outside	3497.00	
Bullnose	3.00			3500.00	65.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20863

DST#: 2

ATTN: Frank Schulte

Test Start: 2004.11.13 @ 12:55:01

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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	O&GCM 20%g 10%o 70%m	0.884
62.00	O&GCM 20%g 40%o 40%m	0.870
0.00	558 GIP	0.000

Total Length: 125.00 ft Total Volume: 1.754 bbl

Num Fluid Samples: 0

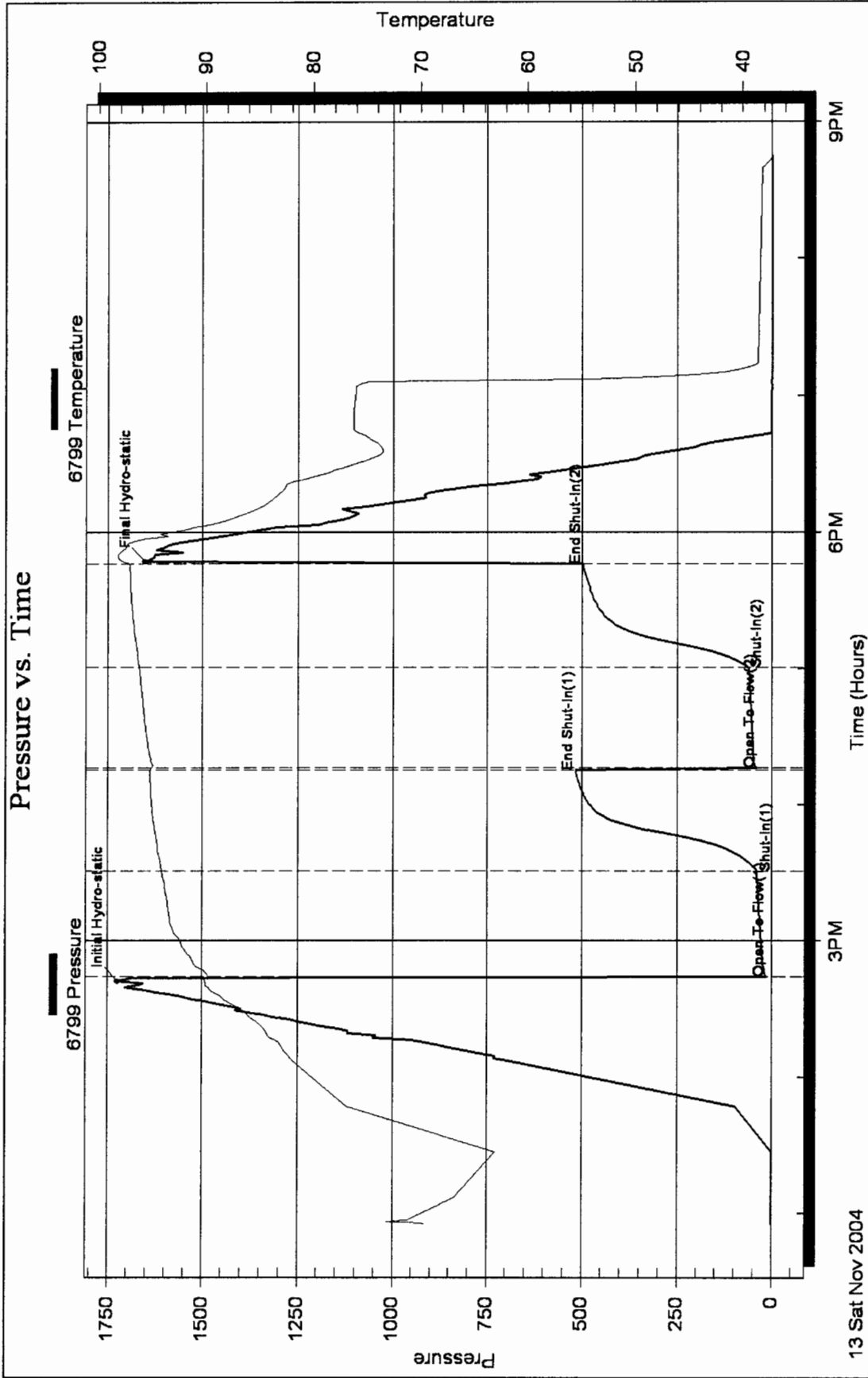
Num Gas Bombs: 0

Serial #:

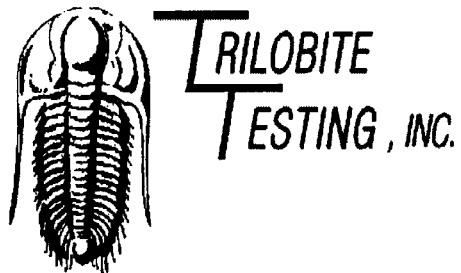
Laboratory Name:

Laboratory Location:

Recovery Comments:



13 Sat Nov 2004



DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

P O Box 329
Russell Ks 67665

ATTN: Frank Schulte

27-12-16-Ellis-Ks

Jl&H Frolich # 8

Start Date: 2004.11.14 @ 05:55:46

End Date: 2004.11.14 @ 13:20:16

Job Ticket #: 20864 DST #: 3

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20864

DST#: 3

ATTN: Frank Schulte

Test Start: 2004.11.14 @ 05:55:46

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:13:46

Time Test Ended: 13:20:16

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3542.00 ft (KB) To 3574.00 ft (KB) (TVD)**

Total Depth: **3574.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2107.00 ft (KB)**

2102.00 ft (CF)

KB to GRVCF: **5.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **30.24 psig @ 3543.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.11.14**

End Date:

2004.11.14

Last Calib.: **2004.11.14**

Start Time: **05:55:47**

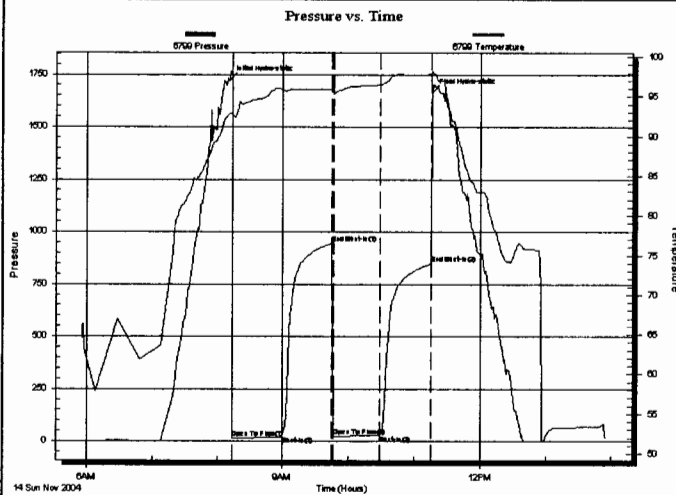
End Time:

13:55:16

Time On Btrn: **2004.11.14 @ 08:11:16**

Time Off Btrn: **2004.11.14 @ 11:16:16**

TEST COMMENT: **F-Weak building to 2"**
FF-Weak building to 1/2"
Times-45-45-45-45



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.96	92.80	Initial Hydro-static
3	14.32	92.59	Open To Flow (1)
49	21.37	95.86	Shut-In(1)
94	945.92	95.86	End Shut-In(1)
95	24.92	95.28	Open To Flow (2)
138	30.24	96.46	Shut-In(2)
185	848.39	97.76	End Shut-In(2)
185	1666.71	98.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	MCO 80%o 20% m	0.21
30.00	HCO	0.42
0.00	60 GP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20864

DST#: 3

ATTN: Frank Schulte

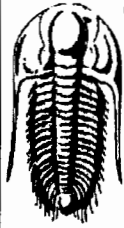
Test Start: 2004.11.14 @ 05:55:46

Tool Information

Drill Pipe:	Length: 3529.00 ft	Diameter: 3.80 inches	Volume: 49.50 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 49.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3542.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	53.00 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			3522.00	
Shut In Tool	5.00			3527.00	
Hydraulic tool	5.00			3532.00	
Packer	5.00			3537.00	21.00 Bottom Of Top Packer
Packer	5.00			3542.00	
Stubb	1.00			3543.00	
Recorder	0.00	6799	Inside	3543.00	
Perforations	28.00			3571.00	
Recorder	0.00	13254	Outside	3571.00	
Bullnose	3.00			3574.00	32.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20864

DST#: 3

ATTN: Frank Schulte

Test Start: 2004.11.14 @ 05:55:46

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	MCO 80%o 20%m	0.210
30.00	HCO	0.421
0.00	60 GIP	0.000

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

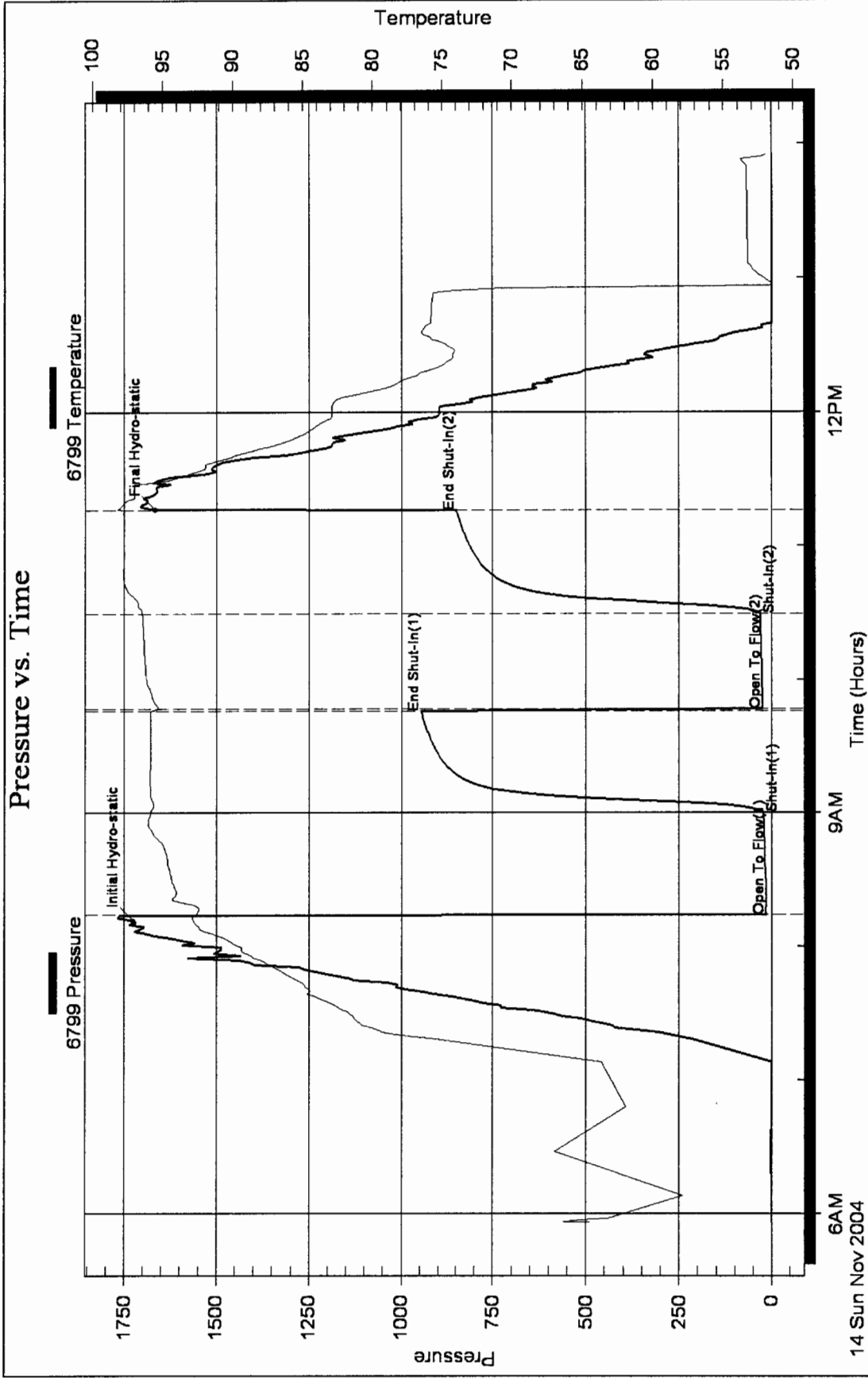
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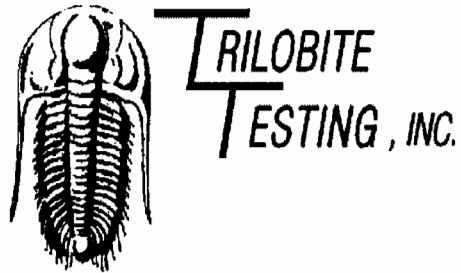
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Bennett & Schulte Oil Co**

P O Box 329
Russell Ks 67665

ATTN: Frank Schulte

27-12-16-Ellis-Ks

JI&H Frolich # 8

Start Date: 2004.11.14 @ 19:35:23

End Date: 2004.11.15 @ 02:11:53

Job Ticket #: 20865 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

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

ATTN: Frank Schulte

Job Ticket: 20865

DST#: 4

Test Start: 2004.11.14 @ 19:35:23

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 21:18:23

Time Test Ended: 02:11:53

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3544.00 ft (KB) To 3580.00 ft (KB) (TVD)**

Total Depth: **3580.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2107.00 ft (KB)**

2102.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6799

Inside

Press@RunDepth: **80.43 psig @ 3545.00 ft (KB)**

Start Date: **2004.11.14**

End Date:

2004.11.15

Start Time: **19:35:24**

End Time:

02:11:53

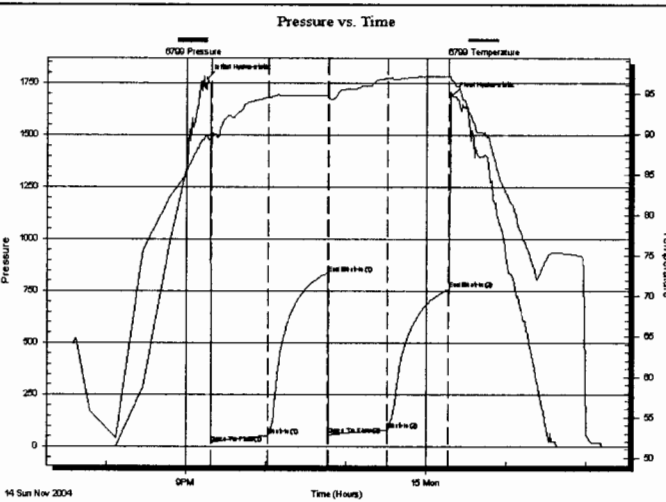
Capacity: **7000.00 psig**

Last Calib.: **2004.11.15**

Time On Btrt: **2004.11.14 @ 21:15:53**

Time Off Btrt: **2004.11.15 @ 00:18:53**

TEST COMMENT: **F-Weak building to 4"
FF-Weak building to 1"
Times-45-45-45-45**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1771.56	89.71	Initial Hydro-static
3	17.09	88.46	Open To Flow (1)
46	53.12	94.46	Shut-In(1)
90	836.23	94.71	End Shut-In(1)
91	56.73	94.38	Open To Flow (2)
135	80.43	96.84	Shut-In(2)
181	757.67	97.11	End Shut-In(2)
183	1690.60	96.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	HOCM 30%o 70% m	1.68
65.00	CO	0.91
0.00	60 GP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bennett & Schulte Oil Co

JI&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20865

DST#: 4

ATTN: Frank Schulte

Test Start: 2004.11.14 @ 19:35:23

Tool Information

Drill Pipe:	Length: 3529.00 ft	Diameter: 3.80 inches	Volume: 49.50 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 49.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3544.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	57.00 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			3524.00	
Shut In Tool	5.00			3529.00	
Hydraulic tool	5.00			3534.00	
Packer	5.00			3539.00	21.00 Bottom Of Top Packer
Packer	5.00			3544.00	
Stubb	1.00			3545.00	
Recorder	0.00	6799	Inside	3545.00	
Perforations	32.00			3577.00	
Recorder	0.00	13254	Outside	3577.00	
Bullnose	3.00			3580.00	36.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Bennett & Schulte Oil Co

Ji&H Frolich # 8

P O Box 329
Russell Ks 67665

27-12-16-Ellis-Ks

Job Ticket: 20865

DST#: 4

ATTN: Frank Schulte

Test Start: 2004.11.14 @ 19:35:23

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	22 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	8.79 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	HOCM 30%o 70%m	1.683
65.00	CO	0.912
0.00	60 GIP	0.000

Total Length: 185.00 ft Total Volume: 2.595 bbl

Num Fluid Samples: 0

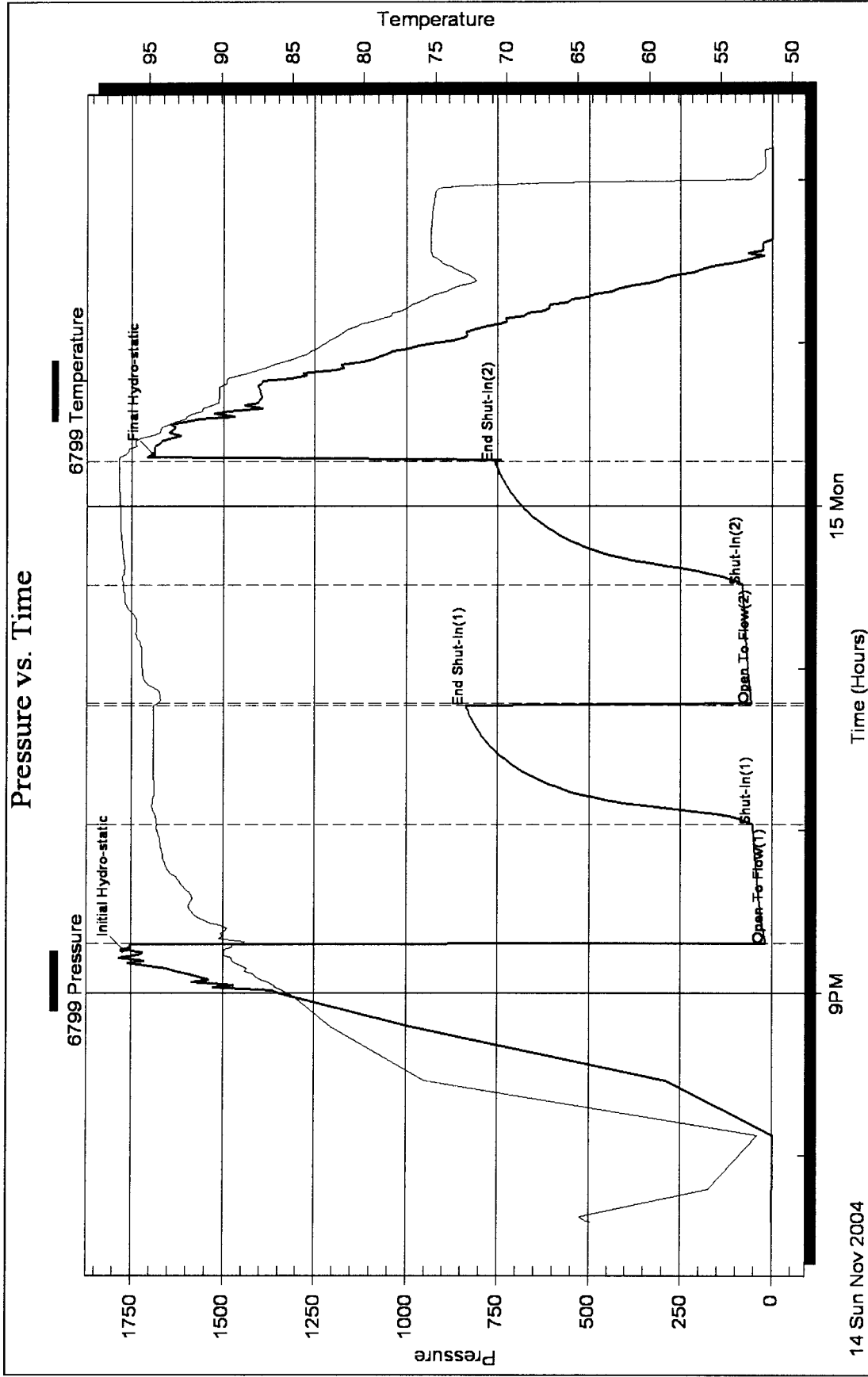
Num Gas Bombs: 0

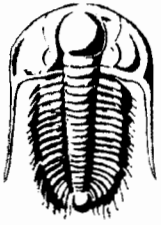
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20862

TNU
1948
0

05/03

Test Ticket

Well Name & No. II+H Frolich #8 Test No. 1 Date 11-12-04
 Company Bennett + Schulte Oil Co. Zone Tested F-G LKC
 Address P.O. Box 329, Russell, Ks. 67665 Elevation 2107 KB 2102 GL
 Co. Rep / Geo. Dave Shumaker Cont. Konfeldr Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 16 Co. Ellis State Ks
 No. of Copies _____ Disbtribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3374 — 3415 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 41 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 49,000
 Top Packer Depth 3369 Tool Weight 2000
 Bottom Packer Depth 3374 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3415 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 8.8 LCM _____ Vis. 59 WL 8 Drill Pipe Size 4.5XH Ft. Run 3378
 Blow Description I.F. Weak - building to 3 1/2"
E.F. Weak - building to 2"

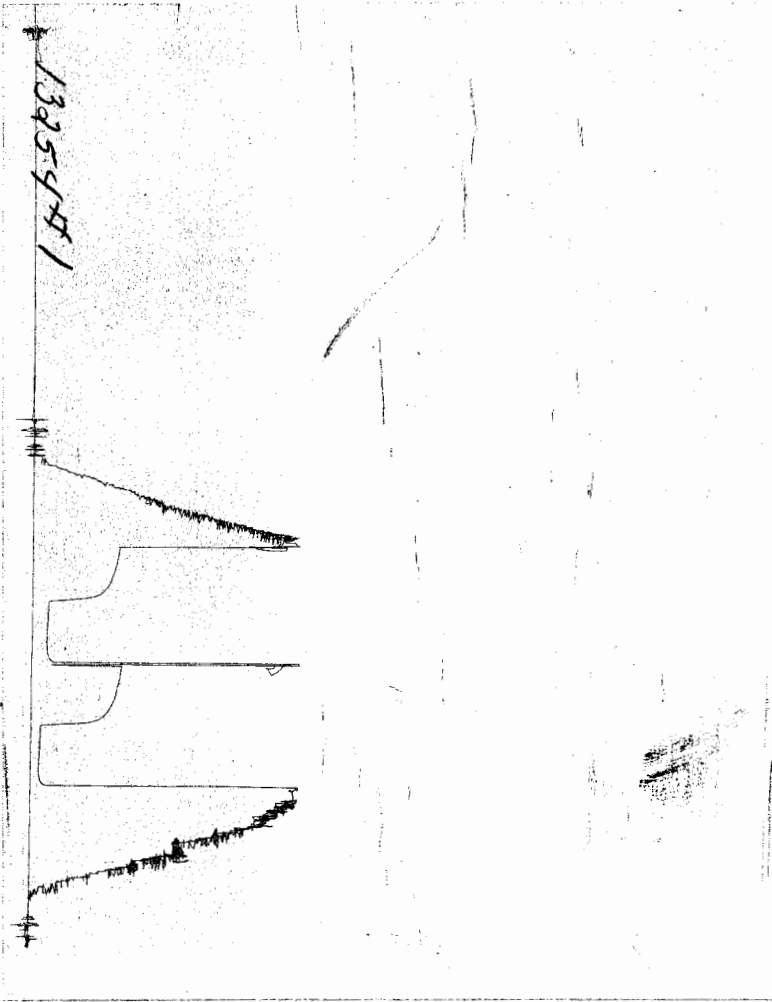
Recovery - Total Feet 185 GIP _____ Ft. in DC _____ Ft. in DP 185
 Rec. 65 Feet of Mud w/show free oil %gas _____ %oil _____ %water _____ %mud _____
 Rec. 120 Feet of Mdy WTR %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 98 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .19 @ 78 °F Chlorides 83,000 ppm Recovery _____ Chlorides 4,000 ppm System

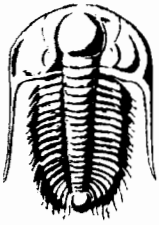
	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1653</u>		<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure		<u>14</u>		(depth) <u>3377</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure		<u>59</u>		Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure		<u>584</u>		(depth) <u>3412</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>63</u>		Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>98</u>		(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>562</u>		Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1617</u>		Initial Shut-In <u>45</u>	Ext. Packer _____
				Final Flow <u>45</u>	Shale Packer _____
				Final Shut-In <u>45</u>	Mileage <u>42</u> <u>42</u>
				T-On Location <u>20.00</u>	Sub Total: <u>942</u>
				T-Started <u>20:20</u>	Std. By <u>_____</u>
				T-Open <u>22:15</u>	Other _____
				T-Pulled <u>01:15</u>	Total: _____
				T-Out <u>03:00</u>	

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 Dave Shumaker

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20863

Test Ticket

Well Name & No. J I + H Frolich #8 Test No. 2 Date 11-13-04
 Company Bennett + Schulte Oil Co. Zone Tested H-I-J LKC
 Address _____ Elevation 2107 KB 2102 GL _____
 Co. Rep / Geo. Dave Shumaker Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 16 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3435 — 3500 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 35,000
 Anchor Length 65 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 49,000
 Top Packer Depth 3430 Tool Weight 2100
 Bottom Packer Depth 3435 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3500 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9 LCM _____ Vis. 45 WL 8.8 Drill Pipe Size 4.5x14 Ft. Run 3438
 Blow Description I.F. Strong B-B in 21 min.

E.F. Strong B-B in 11 min.

Recovery - Total Feet 125 GIP 558 Ft. in DC _____ Ft. in DP 125
 Rec. 62 Feet of 0+G CM 20 %gas 40 %oil _____ %water 40 %mud
 Rec. 63 Feet of 0+G CM 20 %gas 10 %oil _____ %water 70 %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 BHT 97 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6,000 ppm System

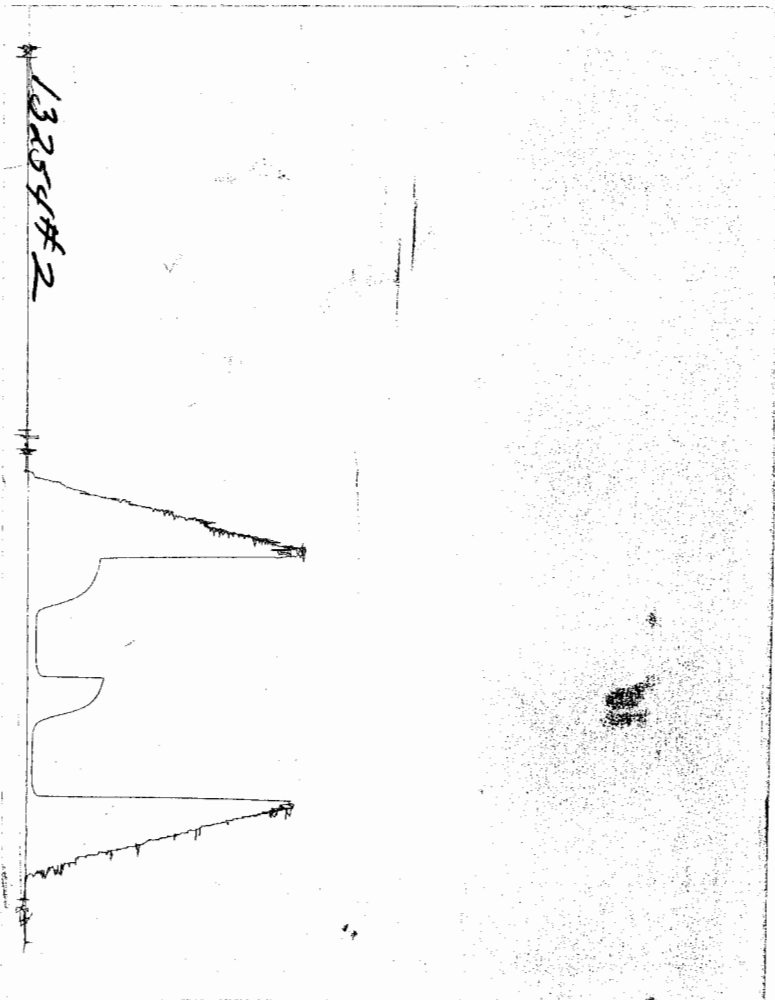
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1723</u>	PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI	(depth) <u>3438</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>38</u>	PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>517</u>	PSI	(depth) <u>3497</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>39</u>	PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>62</u>	PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>498</u>	PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1652</u>	PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>45</u>	Mileage <u>42</u> <u>42</u>

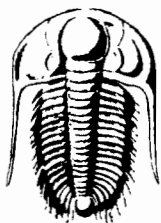
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By _____
 Our Representative Dan Rangle

T-On Location 12:15 Sub Total: 942
 T-Started 12:55 Std. By 1/2 15
 T-Open 14:45 Other 957
 T-Pulled 17:45 Total: 957
 T-Out 20:45

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20864

05/03

Test Ticket

Well Name & No. J I + H Frolich #8 Test No. 3 Date 11-14-04
 Company Bennett + Schulte Oil Co. Zone Tested Arbuckle
 Address _____ Elevation 2107 KB 2102 GL _____
 Co. Rep / Geo. Dave Shumaker Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 16 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3542 — 3574 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 32 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 40,000
 Top Packer Depth 3537 Tool Weight 2100
 Bottom Packer Depth 3542 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3574 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9 LCM _____ Vis. 45 WL 8.8 Drill Pipe Size 4.5XH Ft. Run 3529
 Blow Description I.F. Weak - building to 2"

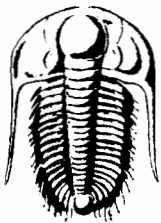
F.F. Weak - building to 2"

Recovery - Total Feet 45 GIP 60 Ft. in DC _____ Ft. in DP 45
 Rec. 30 Feet of HCO %gas _____ %oil _____ %water _____ %mud _____
 Rec. 15 Feet of MCO %gas 80 %oil _____ %water 20 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 97 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 6,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1724</u> PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure	<u>14</u> PSI	(depth) <u>3543</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure	<u>21</u> PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure	<u>945</u> PSI	(depth) <u>3571</u>	Safety Jt. _____
(E) Second Initial Flow Pressure	<u>24</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure	<u>30</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>848</u> PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1666</u> PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
		Final Flow <u>45</u>	Shale Packer _____
		Final Shut-In <u>45</u>	Mileage <u>42</u> <u>42</u>
		T-On Location <u>05:30</u>	Sub Total: <u>942</u>
		T-Started <u>05:55</u>	Std. By _____
		T-Open <u>08:15</u>	Other _____
		T-Pulled <u>11:15</u>	Total: _____
		T-Out <u>13:20</u>	

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 Dave Shumaker



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20865

05/03

Test Ticket

Well Name & No. J I & H Frolich #8 Test No. 4 Date 11-14-04
 Company Bennett & Schulte Oil Co. Zone Tested Arbuckle
 Address _____ Elevation 2107 KB 2102 GL _____
 Co. Rep / Geo. Dave Shumaker Cont. Vonfeldt Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 27 Twp. 12 Rge. 16 Co. Ellis State Ks
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3544 ————— 3580 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 34,000
 Anchor Length 36 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 49,000
 Top Packer Depth 3539 Tool Weight 2200
 Bottom Packer Depth 3544 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3580 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.1 LCM _____ Vis. 50 WL 8.8 Drill Pipe Size 4.5XH Ft. Run 3529
 Blow Description E.F. Weak - building to 4"

E.F. Weak - building to 1"

Recovery - Total Feet 185 GIP 60 Ft. in DC _____ Ft. in DP 185
 Rec. 65 Feet of CO %gas _____ %oil _____ %water _____ %mud _____
 Rec. 120 Feet of HOCM %gas 30 %oil _____ %water 70 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 97 °F Gravity _____ °API D @ _____ °F Corrected Gravity 22 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7,000 ppm System _____

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1771</u> PSI	<u>6799</u>	<u>900</u>
(B) First Initial Flow Pressure		<u>17</u> PSI	(depth) <u>3545</u>	Elec. Rec. <u>X</u>
(C) First Final Flow Pressure		<u>53</u> PSI	Recorder No. <u>13254</u>	Jars _____
(D) Initial Shut-In Pressure		<u>836</u> PSI	(depth) <u>3577</u>	Safety Jt. _____
(E) Second Initial Flow Pressure		<u>56</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure		<u>80</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure		<u>757</u> PSI	Initial Opening <u>45</u>	Straddle _____
(Q) Final Hydrostatic Mud		<u>1690</u> PSI	Initial Shut-In <u>45</u>	Ext. Packer _____
			Final Flow <u>45</u>	Shale Packer _____
			Final Shut-In <u>45</u>	Mileage <u>42</u> <u>42</u>
			T-On Location <u>19:15</u>	Sub Total: <u>942</u>
			T-Started <u>19:35</u>	Std. By _____
			T-Open <u>21:17</u>	Other _____
			T-Pulled <u>00:15</u>	Total: _____
			T-Out <u>02:11</u>	

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 Dan Bangle

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

