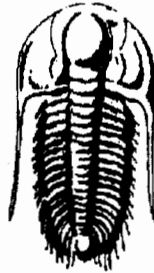


33-30s-18w



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc**

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**33 30S 18W Kiowa KS**

**Smith-Paxton # A-1**

Start Date: 2008.01.16 @ 09:09:31

End Date: 2008.01.16 @ 19:19:01

Job Ticket #: 28418                      DST #: 1

15-097-21625

C E2 E2

2640 FSL 660 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28418

**DST#: 1**

ATTN: Kent Roberts

Test Start: 2008.01.16 @ 09:09:31

### Tool Information

Drill Pipe:	Length: 4368.00 ft	Diameter: 3.80 inches	Volume: 61.27 bbl	Tool Weight: 2500.00 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: 74000.00 lb
		Total Volume: 61.27 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4365.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4350.00	
Hydraulic tool	5.00			4355.00	
Packer	5.00			4360.00	20.00 Bottom Of Top Packer
Packer	5.00			4365.00	
Stubb	1.00			4366.00	
Recorder	0.00	6798	Inside	4366.00	
Recorder	0.00	8358	Inside	4366.00	
Perforations	24.00			4390.00	
Bullnose	3.00			4393.00	28.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>48.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28418

**DST#: 1**

ATTN: Kent Roberts

Test Start: 2008.01.16 @ 09:09:31

## 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.55 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	VSGCM 2%G 98%M	0.042
0.00	4365' GIP	0.000
0.00		0.000

Total Length: 3.00 ft

Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-!

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28418

**DST#: 1**

ATTN: Kent Roberts

Test Start: 2008.01.16 @ 09:09:31

## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	20	0.13	2.00	6.14
1	20	0.13	2.00	6.14
1	30	0.13	9.50	8.95
2	10	0.13	9.50	8.95
2	20	0.13	19.00	12.50
2	30	0.13	28.00	15.87
2	40	0.13	33.00	17.74
2	45	0.13	37.00	19.24

DST Test Number: 1

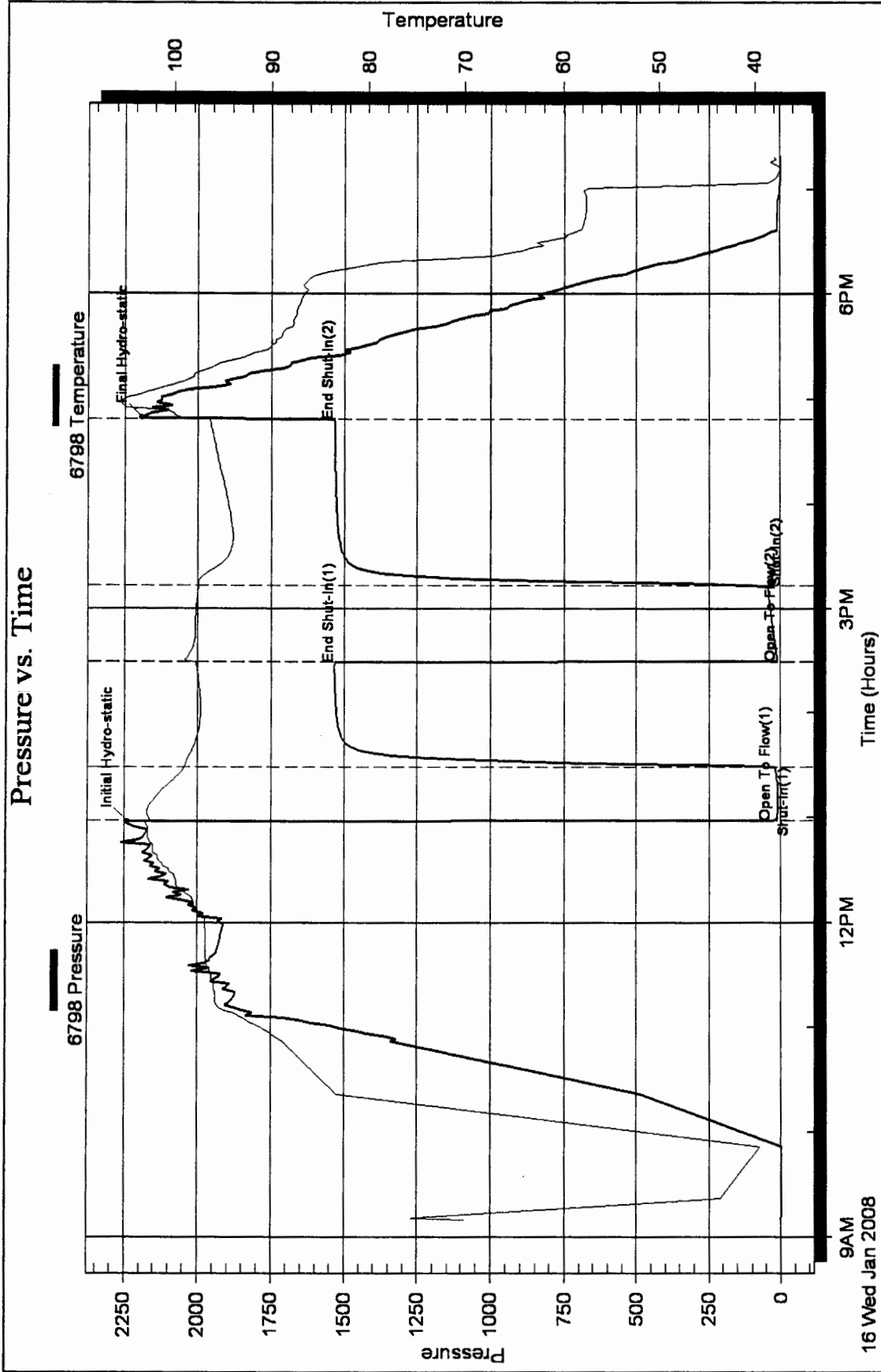
33 30S 18W Kiowa KS

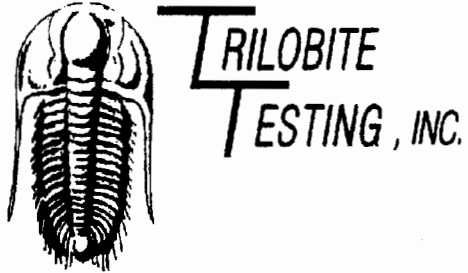
Roberts Resources Inc

Inside

Serial #: 6798

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc**

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**33 30S 18W Kiowa KS**

**Smith-Paxton # A-1**

Start Date: 2008.01.18 @ 09:37:43

End Date: 2008.01.18 @ 16:55:13

Job Ticket #: 28419                      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**

Roberts Resources Inc  
 520 S Holland Ste 207  
 Wichita KS 67209  
 ATTN: Kent Roberts

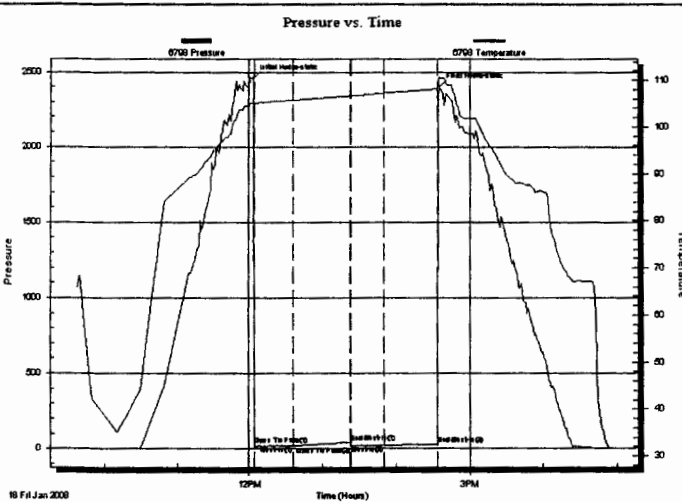
**Smith-Paxton # A-1**  
**33 30S 18W Kiowa KS**  
 Job Ticket: 28419 **DST#: 2**  
 Test Start: 2008.01.18 @ 09:37:43

**GENERAL INFORMATION:**

Formation: **Pleasanton Lime**  
 Deviated: **No Whipstock:** ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **12:04:13**  
 Tester: **Jerry Adams**  
 Time Test Ended: **16:55:13**  
 Unit No: **36**  
 Interval: **4775.00 ft (KB) To 4805.00 ft (KB) (TVD)**  
 Reference Elevations: **2159.00 ft (KB)**  
 Total Depth: **4805.00 ft (KB) (TVD)**  
**2150.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **9.00 ft**

**Serial #: 6798** **Inside**  
 Press@RunDepth: **20.08 psig @ 4776.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2008.01.18** End Date: **2008.01.18** Last Calib.: **2008.01.18**  
 Start Time: **09:37:44** End Time: **16:55:13** Time On Btm: **2008.01.18 @ 12:03:43**  
 Time Off Btm: **2008.01.18 @ 14:35:43**

**TEST COMMENT:** IF Weak blow Built to 5"  
 ISI Weak surface blow Dead in 8 mins.  
 FF Weak Blow Built to 1 1/4"  
 FSI No blow



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2460.29	105.15	Initial Hydro-static
1	27.56	104.57	Open To Flow (1)
32	18.03	105.72	Shut-In(1)
79	40.51	106.66	End Shut-In(1)
79	14.85	106.65	Open To Flow (2)
107	20.08	107.25	Shut-In(2)
151	28.30	108.17	End Shut-In(2)
152	2403.73	110.69	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
2.00	DM 100%M	0.03
0.00		0.00

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28419

**DST#: 2**

ATTN: Kent Roberts

Test Start: 2008.01.18 @ 09:37:43

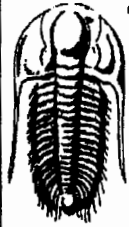
### Tool Information

Drill Pipe:	Length: 4780.00 ft	Diameter: 3.80 inches	Volume: 67.05 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: 80000.00 lb
			<u>Total Volume: 67.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4775.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4760.00	
Hydraulic tool	5.00			4765.00	
Packer	5.00			4770.00	20.00 Bottom Of Top Packer
Packer	5.00			4775.00	
Stubb	1.00			4776.00	
Recorder	0.00	6798	Inside	4776.00	
Recorder	0.00	8358	Inside	4776.00	
Perforations	26.00			4802.00	
Bullnose	3.00			4805.00	30.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>50.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28419

**DST#: 2**

ATTN: Kent Roberts

Test Start: 2008.01.18 @ 09:37:43

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8400.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
2.00	DM 100%M	0.028
0.00		0.000

Total Length: 2.00 ft      Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

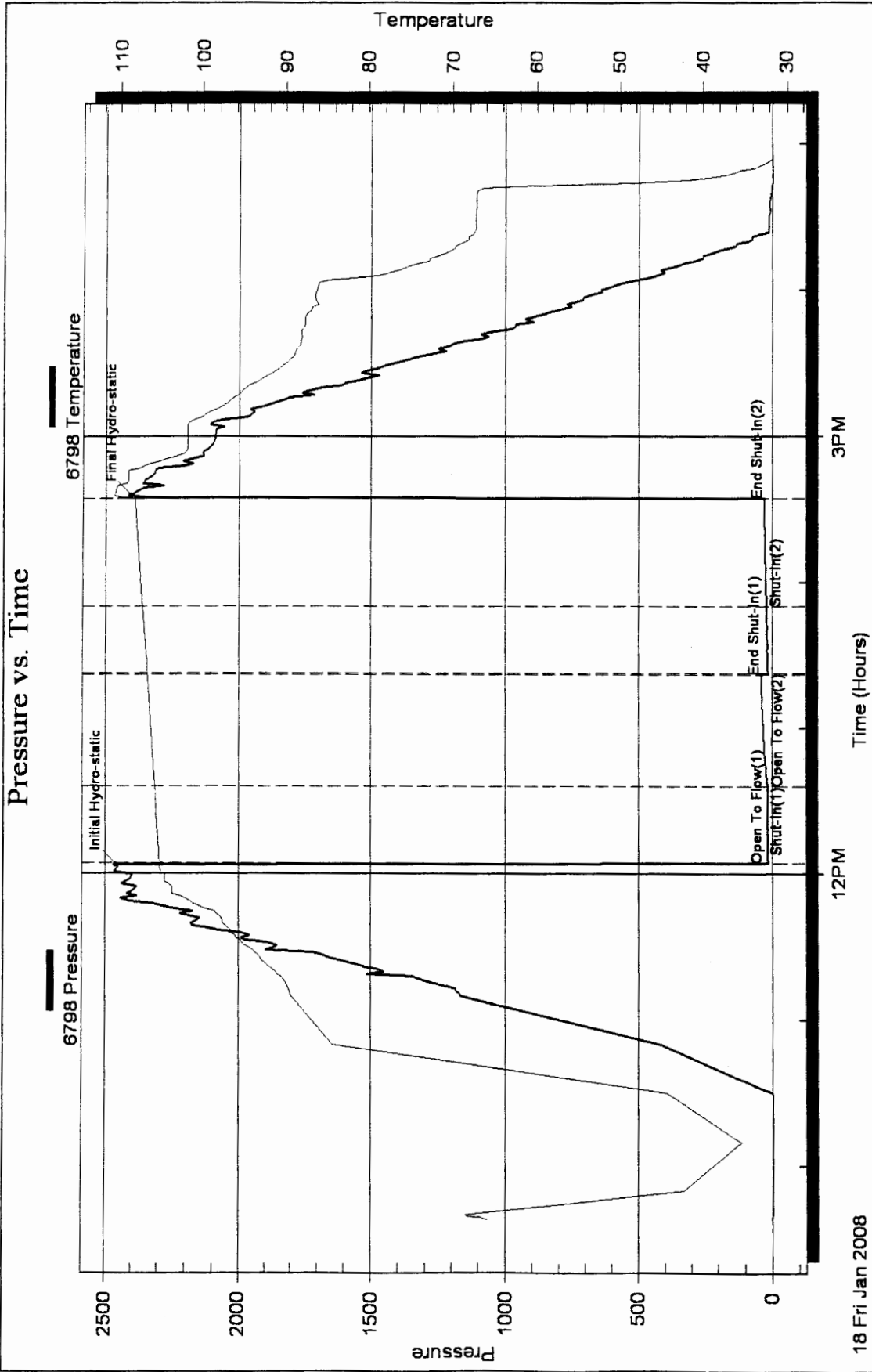
Serial #: none

Laboratory Name:

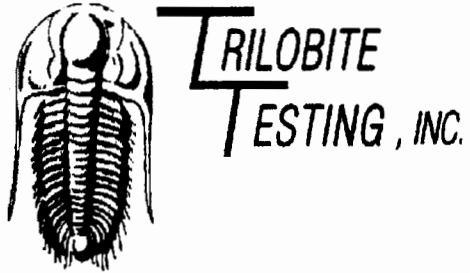
Laboratory Location:

Recovery Comments:

### Pressure vs. Time



18 Fri Jan 2008



## DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc**

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**33 30S 18W Kiowa KS**

**Smith-Paxton # A-1**

Start Date: 2008.01.19 @ 06:29:34

End Date: 2008.01.19 @ 15:43:04

Job Ticket #: 28420                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Roberts Resources Inc

Smith-Paxton # A-1

33 30S 18W Kiowa KS

DST # 3

Altamont

2008.01.19



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Roberts Resources Inc

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**Smith-Paxton # A-1**

**33 30S 18W Kiowa KS**

Job Ticket: 28420

DST#: 3

Test Start: 2008.01.19 @ 06:29:34

## GENERAL INFORMATION:

Formation: **Altamont**

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

Time Tool Opened: 09:36:34

Time Test Ended: 15:43:04

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **36**

Interval: **4820.00 ft (KB) To 4858.00 ft (KB) (TVD)**

Reference Elevations: **2159.00 ft (KB)**

Total Depth: **4858.00 ft (KB) (TVD)**

**2150.00 ft (CF)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **9.00 ft**

**Serial #: 6798**

**Inside**

Press@RunDepth: **457.63 psig @ 4821.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2008.01.19**

End Date:

**2008.01.19**

Last Calib.: **2008.01.19**

Start Time: **06:29:35**

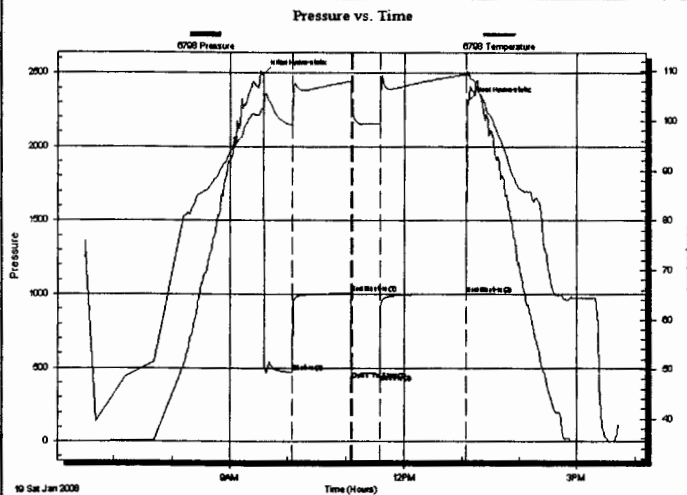
End Time:

**15:43:04**

Time On Btm: **2008.01.19 @ 09:34:04**

Time Off Btm: **2008.01.19 @ 13:06:04**

**TEST COMMENT:** IF Very strong blow BOB in 5 secs. GTS in 2 1/2 mins. see gas flow report  
 ISI Weak blow Built to 2 "  
 FF Very strong blow BOB immediately  
 FSI Fair blow Built to 6 "



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2497.02	102.55	Initial Hydro-static
31	472.03	99.08	Shut-In(1)
91	1004.50	108.02	End Shut-In(1)
93	420.82	101.66	Open To Flow(1)
121	457.63	99.33	Shut-In(2)
211	1000.51	109.40	End Shut-In(2)
212	2311.23	109.13	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
140.00	SGCM 5%G 95%M	1.96
0.00	4673' GIP	0.00
0.00		0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	60.00	2138.91
Last Gas Rate	1.00	65.00	2282.66
Max. Gas Rate	1.00	65.00	2282.66



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28420

**DST#: 3**

ATTN: Kent Roberts

Test Start: 2008.01.19 @ 06:29:34

### Tool Information

Drill Pipe:	Length: 4813.00 ft	Diameter: 3.80 inches	Volume: 67.51 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: 105000.0 lb
			<u>Total Volume: 67.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4820.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4805.00	
Hydraulic tool	5.00			4810.00	
Packer	5.00			4815.00	20.00 Bottom Of Top Packer
Packer	5.00			4820.00	
Stubb	1.00			4821.00	
Recorder	0.00	6798	Inside	4821.00	
Perforations	34.00			4855.00	
Recorder	0.00	13249	Outside	4855.00	
Bullnose	3.00			4858.00	38.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>58.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28420

**DST#: 3**

ATTN: Kent Roberts

Test Start: 2008.01.19 @ 06:29:34

**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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.20 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
140.00	SGCM 5%G 95%M	1.964
0.00	4673 ' GIP	0.000
0.00		0.000

Total Length: 140.00 ft

Total Volume: 1.964 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28420

**DST#: 3**

ATTN: Kent Roberts

Test Start: 2008.01.19 @ 06:29:34

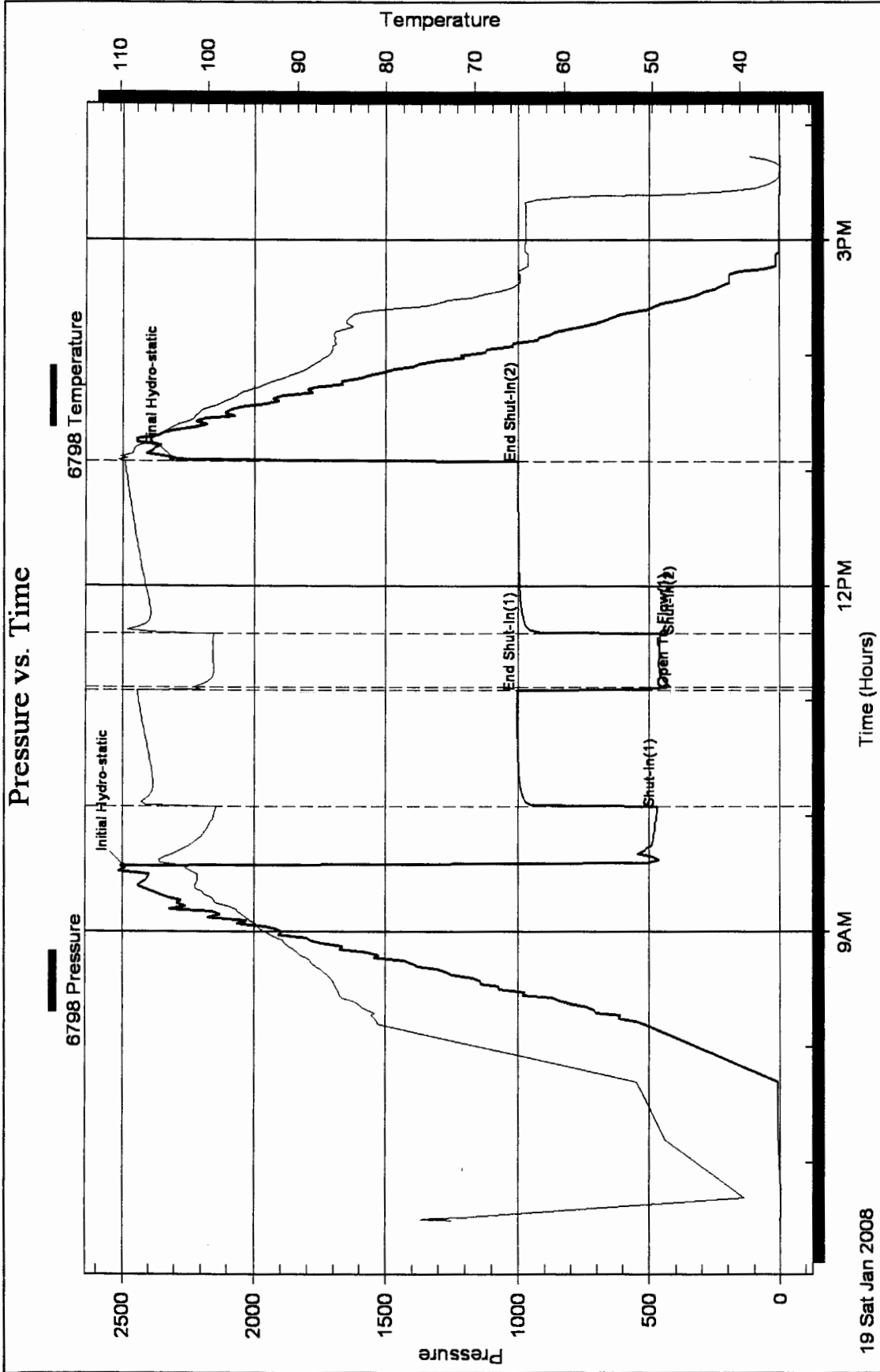
## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

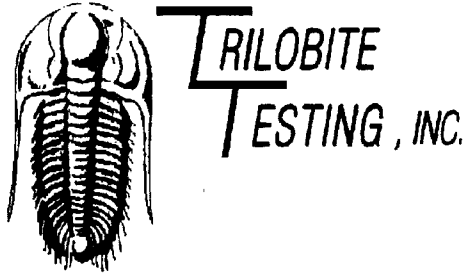
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	1.00	60.00	2138.91
1	10	1.00	60.00	2138.91
1	20	1.00	60.00	2138.91
1	30	1.00	62.00	2196.41
2	10	1.00	56.00	2023.92
2	20	1.00	65.00	2282.66
2	30	1.00	65.00	2282.66

### Pressure vs. Time



19 Sat Jan 2008



## DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc**

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**33 30S 18W Kiowa KS**

**Smith-Paxton # A-1**

Start Date: 2008.01.20 @ 14:51:27

End Date: 2008.01.20 @ 22:20:57

Job Ticket #: 28421                      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

Roberts Resources Inc

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**Smith-Paxton # A-1**

**33 30S 18W Kiowa KS**

Job Ticket: 28421

DST#: 4

Test Start: 2008.01.20 @ 14:51:27

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:12:27

Time Test Ended: 22:20:57

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 36

Interval: **4969.00 ft (KB) To 5020.00 ft (KB) (TVD)**

Total Depth: 5020.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2159.00 ft (KB)

2150.00 ft (CF)

KB to GR/CF: 9.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 41.33 psig @ 4978.00 ft (KB)

Start Date: 2008.01.20

End Date: 2008.01.20

Start Time: 14:51:28

End Time: 22:20:57

Capacity: 7000.00 psig

Last Calib.: 2008.01.20

Time On Btm: 2008.01.20 @ 17:10:27

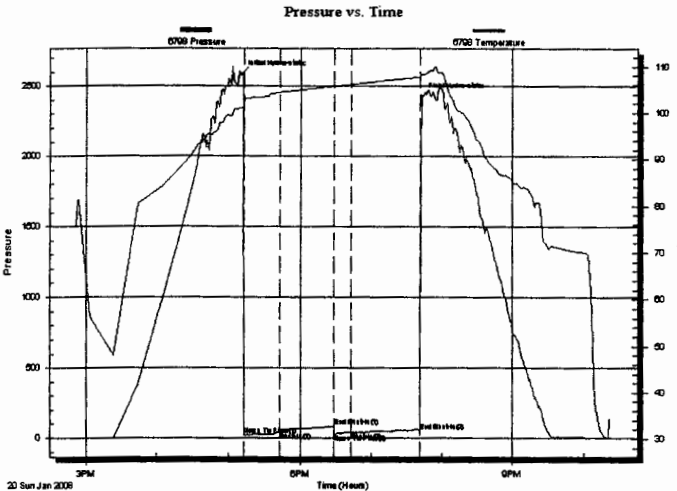
Time Off Btm: 2008.01.20 @ 19:42:27

TEST COMMENT: IF Weak blow Built to 2"

ISI No blow

FF No blow

FSI No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2582.44	100.96	Initial Hydro-static
2	22.99	100.47	Open To Flow (1)
33	41.14	104.37	Shut-In(1)
78	82.29	105.73	End Shut-In(1)
78	30.52	105.73	Open To Flow (2)
92	41.33	106.13	Shut-In(2)
151	50.75	107.71	End Shut-In(2)
152	2428.18	108.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	DM 100%M	0.35
0.00		0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28421

**DST#: 4**

ATTN: Kent Roberts

Test Start: 2008.01.20 @ 14:51:27

**Tool Information**

Drill Pipe:	Length: 4973.00 ft	Diameter: 3.80 inches	Volume: 69.76 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: 120000.0 lb
			<u>Total Volume: 69.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4969.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4954.00	
Hydraulic tool	5.00			4959.00	
Packer	5.00			4964.00	20.00 Bottom Of Top Packer
Packer	5.00			4969.00	
Stubb	1.00			4970.00	
Perforations	8.00			4978.00	
Recorder	0.00	6798	Inside	4978.00	
Perforations	5.00			4983.00	
Change Over Sub	1.00			4984.00	
Blank Spacing	32.00			5016.00	
Change Over Sub	1.00			5017.00	
Recorder	0.00	13249	Outside	5017.00	
Bullnose	3.00			5020.00	51.00 Bottom Packers & Anchor

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28421

**DST#: 4**

ATTN: Kent Roberts

Test Start: 2008.01.20 @ 14:51:27

**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: 11.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9200.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
25.00	DM 100%M	0.351
0.00		0.000

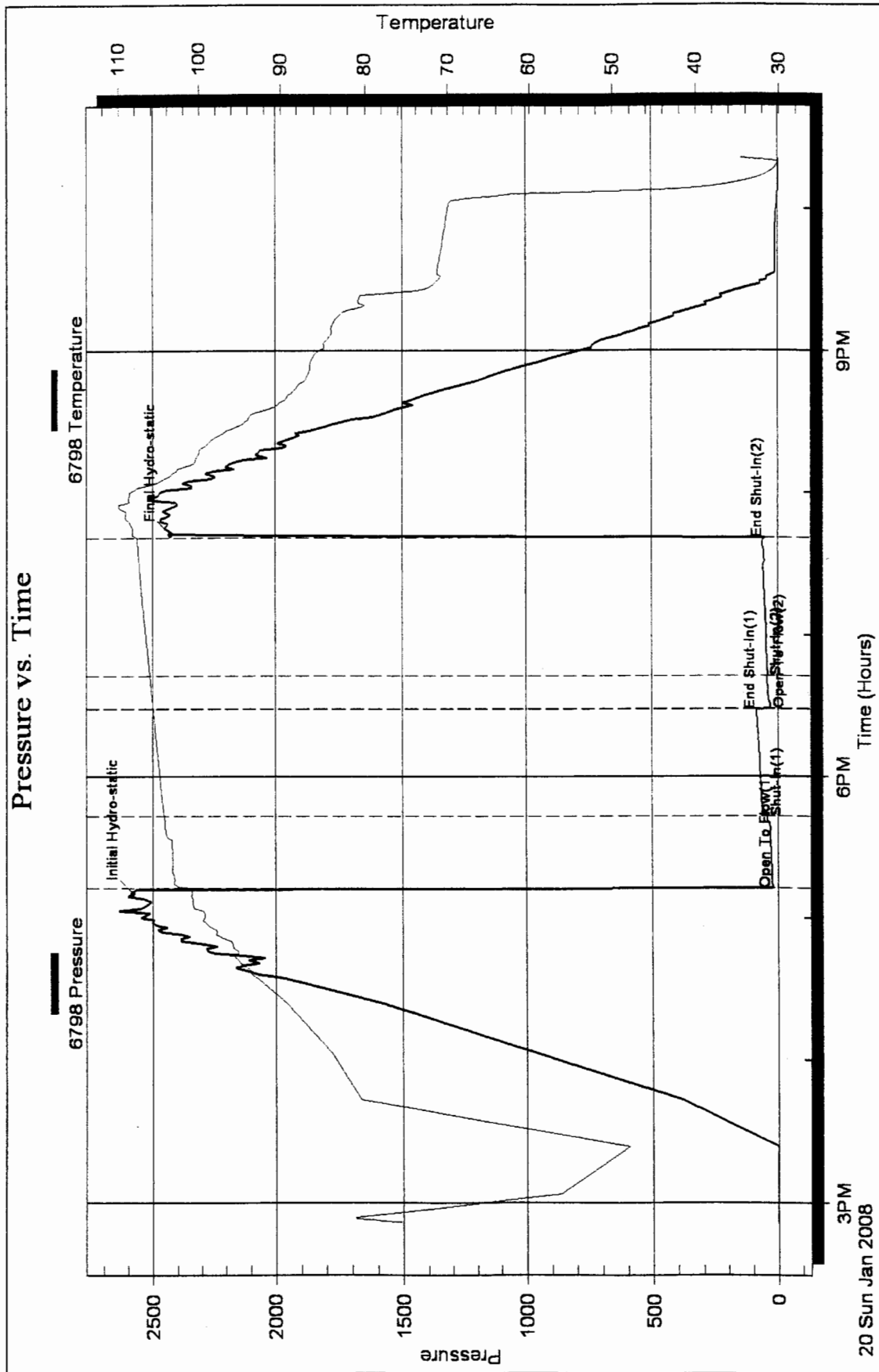
Total Length: 25.00 ft      Total Volume: 0.351 bbl

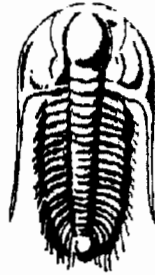
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none

Laboratory Name:      Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Roberts Resources Inc**

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**33 30S 18W Kiowa KS**

**Smith-Paxton # A-1**

Start Date: 2008.01.22 @ 16:26:58

End Date: 2008.01.23 @ 01:49:58

Job Ticket #: 28422                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Roberts Resources Inc

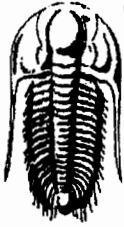
Smith-Paxton # A-1

33 30S 18W Kiowa KS

DST # 5

Viola

2008.01.22



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Roberts Resources Inc

520 S Holland Ste 207  
Wichita KS 67209

ATTN: Kent Roberts

**Smith-Paxton # A-1**

**33 30S 18W Kiowa KS**

Job Ticket: 28422

**DST#: 5**

Test Start: 2008.01.22 @ 16:26:58

## GENERAL INFORMATION:

Formation: **Viola**

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

Time Tool Opened: 19:43:58

Time Test Ended: 01:49:58

Test Type: **Conventional Bottom Hole**

Tester: **Jerry Adams**

Unit No: **36**

Interval: **5404.00 ft (KB) To 5445.00 ft (KB) (TVD)**

Total Depth: **5445.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2159.00 ft (KB)**

**2150.00 ft (CF)**

KB to GR/CF: **9.00 ft**

**Serial #: 6798**

**Inside**

Press@RunDepth: **27.15 psig @ 5410.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2008.01.22**

End Date: **2008.01.23**

Last Calib.: **2008.01.23**

Start Time: **16:26:59**

End Time: **01:49:58**

Time On Btm: **2008.01.22 @ 19:43:28**

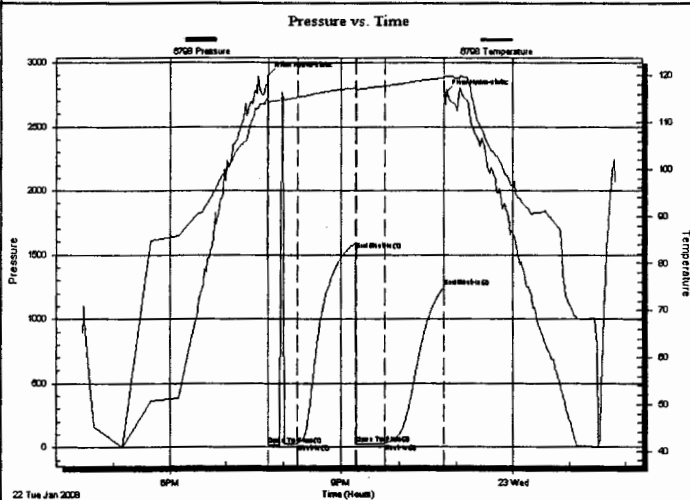
Time Off Btm: **2008.01.22 @ 22:48:28**

**TEST COMMENT:** IF Weak blow Built to 1" Flushed tool after 12 mins. Weak blow Steady at 1"

ISI No blow

FF No blow

FSI No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2894.58	114.91	Initial Hydro-static
1	18.67	114.30	Open To Flow (1)
32	23.99	115.31	Shut-In (1)
92	1536.76	117.37	End Shut-In (1)
92	24.94	116.95	Open To Flow (2)
122	27.15	117.78	Shut-In (2)
184	1249.44	119.49	End Shut-In (2)
185	2762.02	119.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	VSGCM 4%G 96%M	0.21
0.00	50' GIP	0.00
0.00		0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Roberts Resources Inc  
520 S Holland Ste 207  
Wichita KS 67209  
ATTN: Kent Roberts

**Smith-Paxton # A-1**  
**33 30S 18W Kiowa KS**  
Job Ticket: 28422      **DST#: 5**  
Test Start: 2008.01.22 @ 16:26:58

**Tool Information**

Drill Pipe:	Length: 5415.00 ft	Diameter: 3.80 inches	Volume: 75.96 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: 110000.0 lb
			<u>Total Volume: 75.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	5404.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 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
Shut In Tool	5.00			5389.00	
Hydraulic tool	5.00			5394.00	
Packer	5.00			5399.00	20.00      Bottom Of Top Packer
Packer	5.00			5404.00	
Stubb	1.00			5405.00	
Perforations	5.00			5410.00	
Recorder	0.00	6798	Inside	5410.00	
Perforations	32.00			5442.00	
Recorder	0.00	13249	Outside	5442.00	
Bullnose	3.00			5445.00	41.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>61.00</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Roberts Resources Inc

**Smith-Paxton # A-1**

520 S Holland Ste 207  
Wichita KS 67209

**33 30S 18W Kiowa KS**

Job Ticket: 28422      **DST#: 5**

ATTN: Kent Roberts

Test Start: 2008.01.22 @ 16:26:58

**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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8500.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	VSGCM 4%G 96%M	0.210
0.00	50' GIP	0.000
0.00		0.000

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none

Laboratory Name:      Laboratory Location:

Recovery Comments:

