

**JOHN ROY EVANS**  
**Steinert A #8 (053-21212-0000)**

**DST #1**      3185-3235

Misrun; plugged tool and anchor

**DST #2**      3185-3235

20-30-20-30

Blow, strong (obb 1 ½ mins.)

Recovery; 100' gas in pipe

300' muddy gassy oil

2180' clean gassy oil

60' hvy oil and gas cut water

15% gas, 35% oil, 50% water

60' slightly oil cut water

3% oil, 97% water

Pressures:    ISIP    980 psi  
                   FSIP    979 psi  
                   IFP    581-860 psi  
                   FFP    886-966 psi  
                   HSH    1540-1495 psi

**DST #3**      3237-3247

15-20-20-30

Blow/strong

Recovery; 120' gas in pipe

1475' clean gassy oil

60' slightly oil cut muddy water (2% oil, 90% water, 8% mud)

60' muddy water show of oil

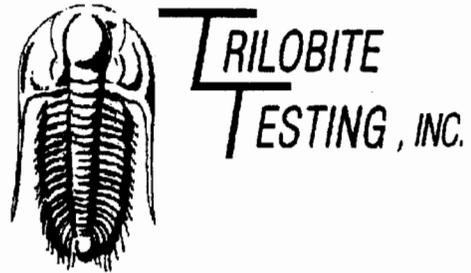
Pressures:    ISIP    1030psi  
                   FSIP    1016 psi  
                   IFP    201-430 psi  
                   FFP    387-648 psi  
                   HSH    1517-1500 psi

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CONSERVATION DIVISION  
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**DRILL STEM TEST REPORT**

Prepared For: **John Roy Evans**  
405 4th St  
Claffin KS 67525

*15-053-21212-0000*

ATTN: John Roy Evans

**32 17 10 Ellsworth K**

**Steinert A #8**

Start Date: 2008.01.04 @ 09:07:09

End Date: 2008.01.04 @ 15:32:33

Job Ticket #: 31489 DST #: 2

*S2 SW NE  
2310 FNL 1950 FEL*

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

John Roy Evans  
Steinert A #8  
32 17 10 Ellsworth K  
DST # 2  
Arbuckle  
2008.01.04



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

John Roy Evans

**Steinert A #8**

405 4th St  
Claflin KS 67525

**32 17 10 Ellsworth K**

Job Ticket: 31489

**DST#: 2**

ATTN: John Roy Evans

Test Start: 2008.01.04 @ 09:07:09

## GENERAL INFORMATION:

Formation: **Arbuckle**

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

Test Type: **Conventional Bottom Hole**

Time Tool Opened: **10:19:04**

Tester: **Ray Schwager**

Time Test Ended: **15:32:33**

Unit No: **42**

Interval: **3185.00 ft (KB) To 3235.00 ft (KB) (TVD)**

Reference Elevations: **1780.00 ft (KB)**

Total Depth: **3235.00 ft (KB) (TVD)**

**1775.00 ft (CF)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

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

**Serial #: 8365**

**Inside**

Press@RunDepth: **966.27 psig @ 3218.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2008.01.04**

End Date:

**2008.01.04**

Last Calib.: **2008.01.04**

Start Time: **09:07:09**

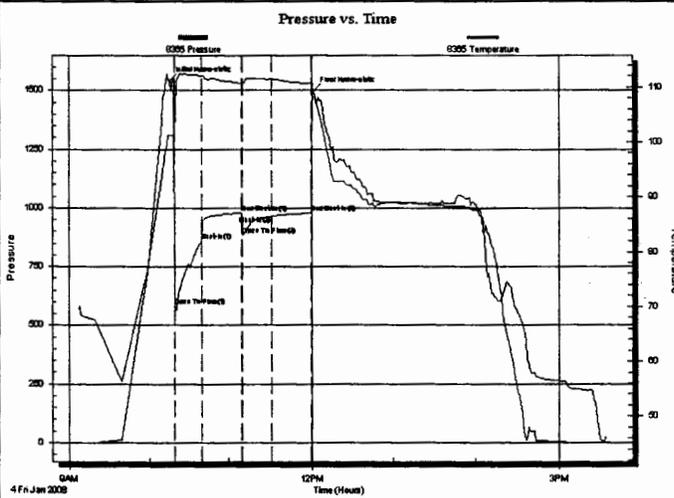
End Time:

**15:32:33**

Time On Btm: **2008.01.04 @ 10:15:34**

Time Off Btm: **2008.01.04 @ 12:01:34**

TEST COMMENT: IFP Strg bl thru-out  
FFP Strg bl thru-out  
Times 20 30 20 30  
Surface bl bk on shut-in



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1540.79	101.30	Initial Hydro-static
4	581.86	101.05	Open To Flow (1)
24	860.09	112.04	Shut-In (1)
54	980.15	110.65	End Shut-In (1)
55	886.14	110.57	Open To Flow (2)
76	966.27	111.43	Shut-In (2)
104	979.29	110.53	End Shut-In (2)
106	1495.27	108.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	MGO 25%G 40%O 10%W25%M	4.21
2180.00	Oil	30.58
60.00	HO&GCW 15%G 35%O50%W	0.84
60.00	SOCW 3%O 97%W	0.84
0.00	100' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

John Roy Evans

**Steinert A #8**

405 4th St  
Claflin KS 67525

**32 17 10 Ellsworth K**

Job Ticket: 31489

**DST#: 2**

ATTN: John Roy Evans

Test Start: 2008.01.04 @ 09:07:09

**Tool Information**

Drill Pipe:	Length: 3169.00 ft	Diameter: 3.80 inches	Volume: 44.45 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: 32000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
		<b>Total Volume:</b>	<b>44.45 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3185.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.02 ft			
Tool Length:	71.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3165.00	
Shut In Tool	5.00			3170.00	
Hydraulic tool	5.00			3175.00	
Packer	5.00			3180.00	21.00 Bottom Of Top Packer
Packer	5.00			3185.00	
Stubb	1.00			3186.00	
Perforations	1.00			3187.00	
Blank Spacing	31.00			3218.00	
Recorder	0.01	8365	Inside	3218.01	
Recorder	0.01	8371	Outside	3218.02	
Perforations	14.00			3232.02	
Bullnose	3.00			3235.02	50.02 Bottom Packers & Anchor

**Total Tool Length: 71.02**



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TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

John Roy Evans

**Steinert A #8**

405 4th St  
Claflin KS 67525

**32 17 10 Ellsworth K**

Job Ticket: 31489

**DST#: 2**

ATTN: John Roy Evans

Test Start: 2008.01.04 @ 09:07:09

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 41 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 36000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.16 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6300.00 ppm		
Filter Cake: 1.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
300.00	MGO 25%G 40%O 10%W25%M	4.208
2180.00	Oil	30.580
60.00	HO&GCW 15%G 35%O50%W	0.842
60.00	SOCW 3%O 97%W	0.842
0.00	100' GIP	0.000

Total Length: 2600.00 ft      Total Volume: 36.472 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

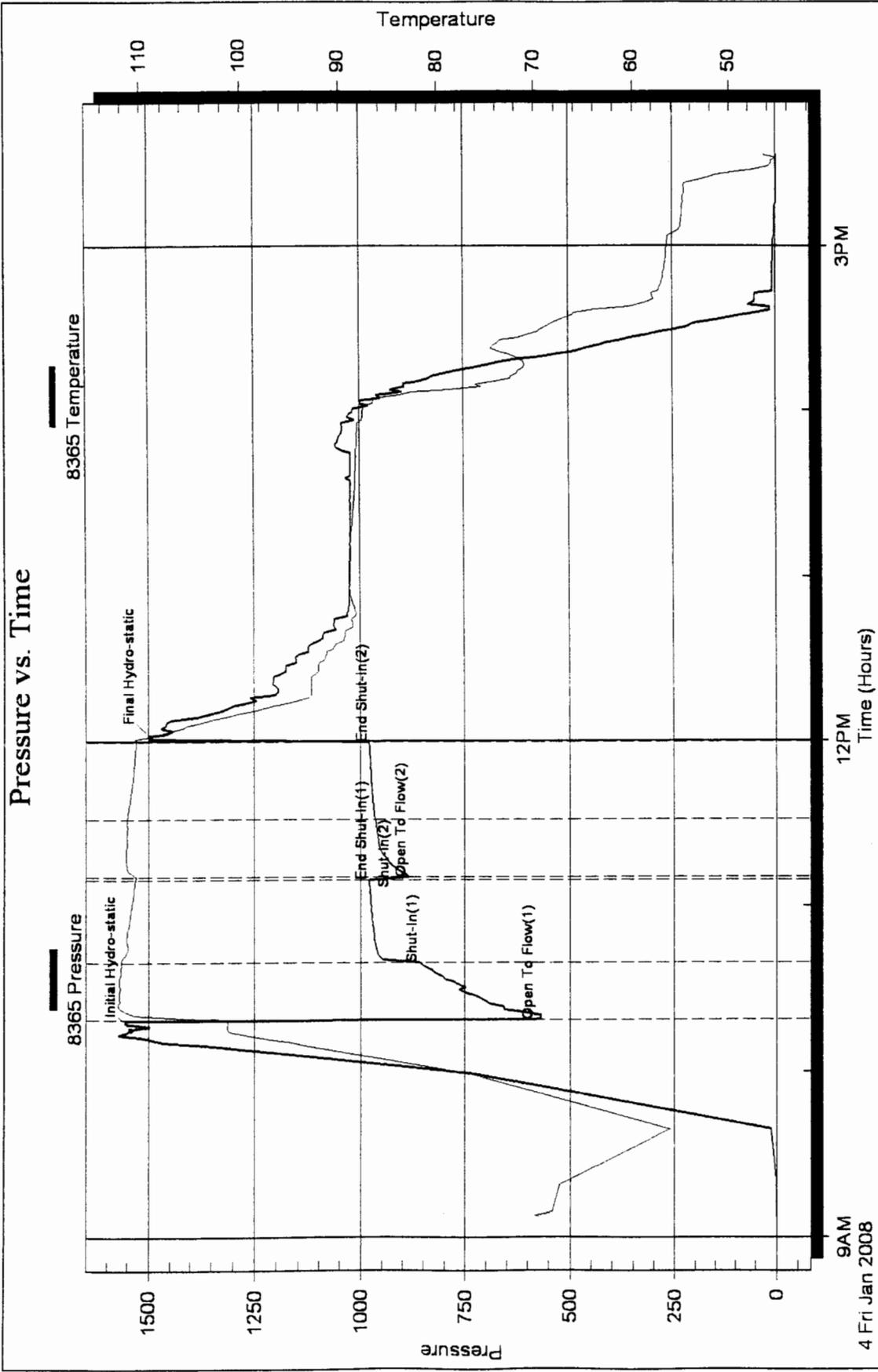
Serial #:

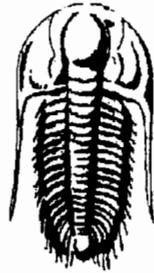
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .24 @ 56F

# Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **John Roy Evans**

405 4th St  
Clafin KS 67525

ATTN: John Roy Evans

**32 17 10 Ellsworth K**

**Steinert A #8**

Start Date: 2008.01.04 @ 21:19:20

End Date: 2008.01.05 @ 03:35:14

Job Ticket #: 31490                      DST #: 3

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

John Roy Evans

Steinert A #8

32 17 10 Ellsworth K

DST # 3

Arbuckle

2008.01.04



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

John Roy Evans

**Steinert A #8**

405 4th St  
Claflin KS 67525

**32 17 10 Ellsworth K**

Job Ticket: 31490

**DST#: 3**

ATTN: John Roy Evans

Test Start: 2008.01.04 @ 21:19:20

**GENERAL INFORMATION:**

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole

Time Tool Opened: 23:14:15

Tester: Ray Schwager

Time Test Ended: 03:35:14

Unit No: 42

Interval: **3237.00 ft (KB) To 3247.00 ft (KB) (TVD)**

Reference Elevations: 1780.00 ft (KB)

Total Depth: 3247.00 ft (KB) (TVD)

1775.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8365**

**Inside**

Press@RunDepth: 648.68 psig @ 3238.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.01.04

End Date:

2008.01.05

Last Calib.: 2008.01.05

Start Time: 21:19:20

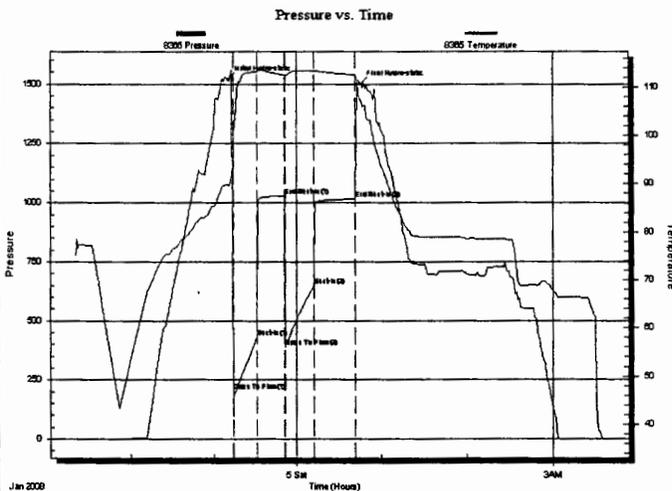
End Time:

03:35:14

Time On Btm: 2008.01.04 @ 23:10:15

Time Off Btm: 2008.01.05 @ 00:45:15

**TEST COMMENT:** IFP Srg bl thru-out  
FFP Strg bl thru-out  
ISIP 1/2 " bl bk  
FSIP Surface bl bk Time 15 20 20 30



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1517.53	89.77	Initial Hydro-static
4	201.04	100.41	Open To Flow (1)
21	430.81	113.14	Shut-In(1)
41	1030.98	112.41	End Shut-In(1)
42	387.48	111.92	Open To Flow (2)
62	648.68	113.29	Shut-In(2)
92	1016.85	112.50	End Shut-In(2)
95	1500.04	107.24	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
1475.00	CO	20.69
60.00	SOCMW 2%O 90%W 8%M	0.84
60.00	MW 10%M 90%W w/show of Oil	0.84
0.00	120' GIP	0.00

**Gas Rates**

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



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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

John Roy Evans

**Steinert A #8**

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**32 17 10 Ellsworth K**

ATTN: John Roy Evans

Job Ticket: 31490

**DST#: 3**

Test Start: 2008.01.04 @ 21:19:20

**Tool Information**

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 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: 50000.00 lb
			<u>Total Volume: 45.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3237.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.02 ft			
Tool Length:	31.02 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			3217.00	
Shut In Tool	5.00			3222.00	
Hydraulic tool	5.00			3227.00	
Packer	5.00			3232.00	21.00 Bottom Of Top Packer
Packer	5.00			3237.00	
Stubb	1.00			3238.00	
Recorder	0.01	8365	inside	3238.01	
Recorder	0.01	8371	Outside	3238.02	
Perforations	6.00			3244.02	
Bullnose	3.00			3247.02	10.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>31.02</b>				



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# DRILL STEM TEST REPORT

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**32 17 10 Ellsworth K**

Job Ticket: 31490

**DST#: 3**

ATTN: John Roy Evans

Test Start: 2008.01.04 @ 21:19:20

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.36 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1475.00	CO	20.690
60.00	SOCMV 2%O 90%W 8%M	0.842
60.00	MW 10%M 90%W w/show of Oil	0.842
0.00	120 'GIP	0.000

Total Length: 1595.00 ft

Total Volume: 22.374 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

