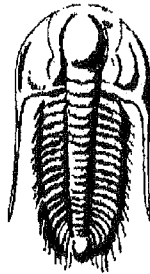


15-163-23642

16-9s-18w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Marc Downing

16 9S 18W Rooks KS

Stahl "A" #1

Start Date: 2007.09.18 @ 00:55:28

End Date: 2007.09.18 @ 06:58:28

Job Ticket #: 29166 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

NOV 13 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Tengasco Inc

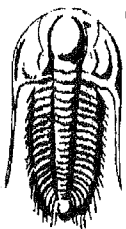
Stahl "A" #1

16 9S 18W Rooks KS

DST # 1

LKC "A-C"

2007.09.18



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Tengasco Inc

PO Box 458
Hays KS 67601

ATTN: Marc Downing

Stahl "A" #1

16 9S 18W Rooks KS

Job Ticket: 29166

DST#: 1

Test Start: 2007.09.18 @ 00:55:28

GENERAL INFORMATION:

Formation: **LKC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:26:28

Time Test Ended: 06:58:28

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3252.00 ft (KB) To 3312.00 ft (KB) (TVD)**

Total Depth: 3312.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2087.00 ft (KB)

2080.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8018

Inside

Press@RunDepth: 255.69 psig @ 3257.01 ft (KB)

Start Date: 2007.09.18

End Date:

2007.09.18

Start Time: 00:55:33

End Time:

06:58:27

Capacity: 7000.00 psig

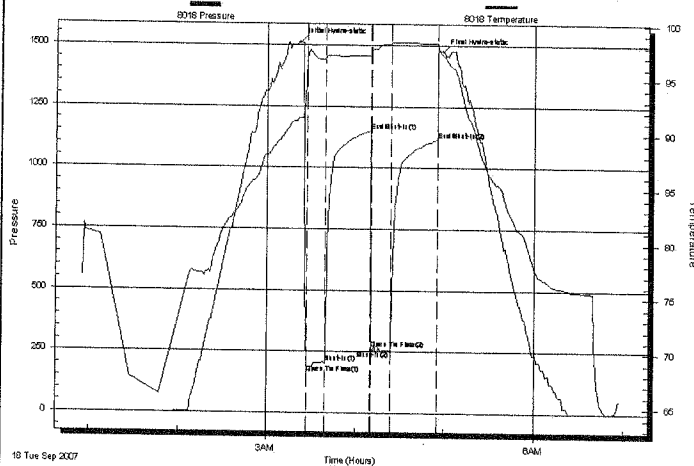
Last Calib.: 2007.09.18

Time On Btm: 2007.09.18 @ 03:21:58

Time Off Btm: 2007.09.18 @ 04:58:28

TEST COMMENT: IFP BOB open
ISI No blow back
FFP BOB 1 min.
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

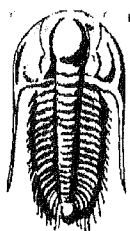
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1510.39	91.50	Initial Hydro-static
5	159.89	96.90	Open To Flow (1)
17	205.13	96.86	Shut-In (1)
48	1151.46	97.24	End Shut-In (1)
49	263.19	97.62	Open To Flow (2)
62	255.69	98.28	Shut-In (2)
93	1115.88	98.37	End Shut-In (2)
97	1473.65	97.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
510.00	100%M	7.15

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc

Stahl "A" #1

PO Box 458
Hays KS 67601

16 9S 18W Rooks KS

Job Ticket: 29166

DST#: 1

ATTN: Marc Downing

Test Start: 2007.09.18 @ 00:55:28

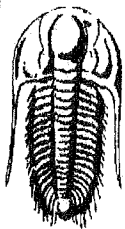
Tool Information

Drill Pipe:	Length: 3252.00 ft	Diameter: 3.80 inches	Volume: 45.62 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:	60000.00 lb
			Total Volume: 45.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3252.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.02 ft				
Tool Length:	80.02 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			3237.00	
Hydraulic tool	5.00			3242.00	
Packer	5.00			3247.00	20.00 Bottom Of Top Packer
Packer	5.00			3252.00	
Stubb	1.00			3253.00	
Perforations	3.00			3256.00	
Change Over Sub	1.00			3257.00	
Recorder	0.01	8018	Inside	3257.01	
Blank Spacing	31.00			3288.01	
Change Over Sub	1.00			3289.01	
Perforations	20.00			3309.01	
Recorder	0.01	13548	Outside	3309.02	
Bullnose	3.00			3312.02	60.02 Bottom Packers & Anchor

Total Tool Length: 80.02



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Stahl "A" #1

PO Box 458
Hays KS 67601

16 9S 18W Rooks KS

Job Ticket: 29166

DST#: 1

ATTN: Marc Downing

Test Start: 2007.09.18 @ 00:55:28

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 8.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 7.57 in³

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
510.00	100%M	7.154

Total Length: 510.00 ft

Total Volume: 7.154 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

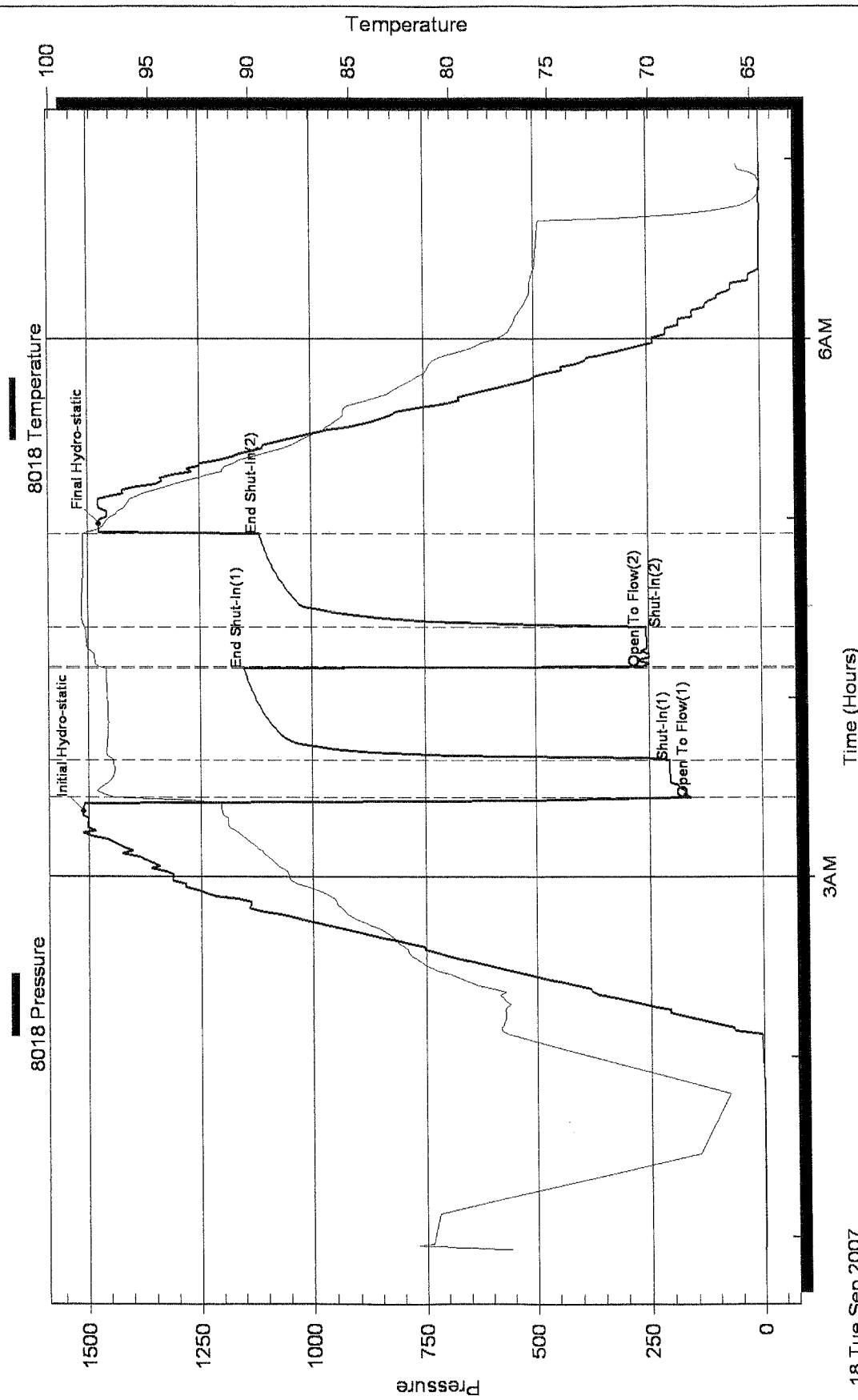
Serial #:

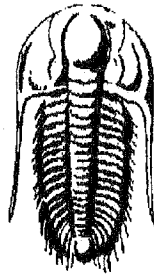
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Marc Downing

16 9S 18W Rooks KS

Stahl "A" #1

Start Date: 2007.09.19 @ 01:17:15

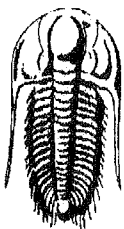
End Date: 2007.09.19 @ 08:03:09

Job Ticket #: 29167 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

Tengasco Inc

PO Box 458
Hays KS 67601

ATTN: Marc Downing

Stahl "A" #1

16 9S 18W Rooks KS

Job Ticket: 29167

DST#: 2

Test Start: 2007.09.19 @ 01:17:15

GENERAL INFORMATION:

Formation: **LKC "I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:28:40

Time Test Ended: 08:03:09

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3404.00 ft (KB) To 3446.00 ft (KB) (TVD)**

Total Depth: 3446.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2087.00 ft (KB)

2080.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8018

Inside

Press@RunDepth: 454.48 psig @ 3409.01 ft (KB)

Start Date: 2007.09.19

End Date:

2007.09.19

Start Time: 01:17:15

End Time:

08:03:09

Capacity: 7000.00 psig

Last Calib.: 2007.09.19

Time On Btm: 2007.09.19 @ 03:24:40

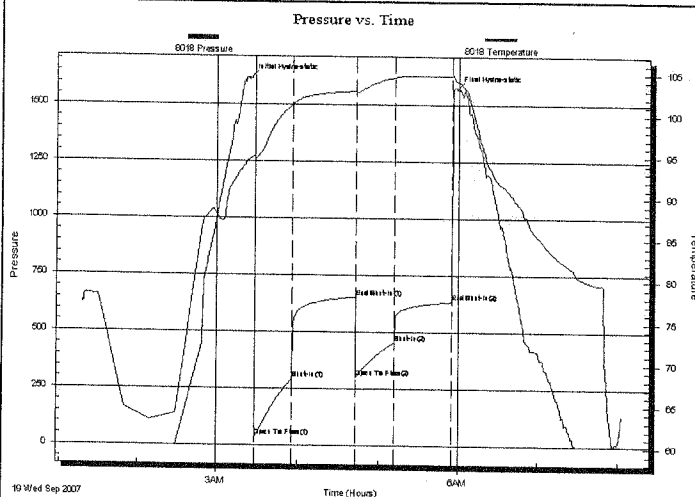
Time Off Btm: 2007.09.19 @ 05:59:09

TEST COMMENT: IFP BOB 2 min.

ISI 1 1/4 " blow back-died to 1/2 "

FFP BOB 4 min.

FSI 1 " blow back-died to 1/4 "



PRESSURE SUMMARY

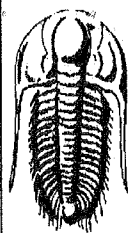
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1616.12	94.73	Initial Hydro-static
4	37.95	94.69	Open To Flow (1)
31	293.36	101.23	Shut-In(1)
78	654.96	102.89	End Shut-In(1)
79	302.36	102.79	Open To Flow(2)
107	454.48	104.51	Shut-In(2)
151	634.68	104.71	End Shut-In(2)
155	1571.26	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MW 95%W 5%M	8.70
270.00	SOCMW 10%O 60%W 30%M	3.79
30.00	FREE OIL 95%O 5%M	0.42

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc

PO Box 458
Hays KS 67601

ATTN: Marc Downing

Stahl "A" #1

16 9S 18W Rooks KS

Job Ticket: 29167

DST#: 2

Test Start: 2007.09.19 @ 01:17:15

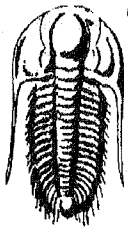
Tool Information

Drill Pipe:	Length: 3407.00 ft	Diameter: 3.80 inches	Volume: 47.79 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:	62000.00 lb
		Total Volume:	47.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3404.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.02 ft				
Tool Length:	62.02 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			3389.00	
Hydraulic tool	5.00			3394.00	
Packer	5.00			3399.00	20.00 Bottom Of Top Packer
Packer	5.00			3404.00	
Stubb	1.00			3405.00	
Perforations	3.00			3408.00	
Change Over Sub	1.00			3409.00	
Recorder	0.01	8018	Inside	3409.01	
Blank Spacing	31.00			3440.01	
Change Over Sub	1.00			3441.01	
Perforations	2.00			3443.01	
Recorder	0.01	13548	Outside	3443.02	
Bullnose	3.00			3446.02	42.02 Bottom Packers & Anchor

Total Tool Length: 62.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Stahl "A" #1

PO Box 458
Hays KS 67601

16 9S 18W Rooks KS

Job Ticket: 29167

DST#: 2

ATTN: Marc Downing

Test Start: 2007.09.19 @ 01:17:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 8.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 1700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

32 deg API

Water Salinity:

27000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
620.00	MW 95%W 5%M	8.697
270.00	SOCMW 10%O 60%W 30%M	3.787
30.00	FREE OIL 95%O 5%M	0.421

Total Length: 920.00 ft

Total Volume: 12.905 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 75 ' GIP

Pressure vs. Time

