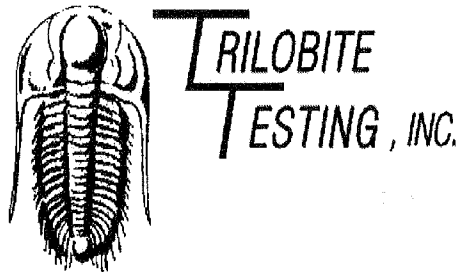


11-10s-20w



DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

11 10s 20w Rooks KS

Croffoot "A" # 9

Start Date: 2006.04.10 @ 13:45:22

End Date: 2006.04.10 @ 19:11:52

Job Ticket #: 24233 DST #: 1

15-163-23516-00-00

RECEIVED

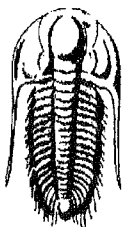
JUL 17 2006

KCC WICHITA

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: Rod Tremblay

Croffoot "A" # 9

11 10s 20w Rocks KS

Job Ticket: 24233

DST#: 1

Test Start: 2006.04.10 @ 13:45:22

GENERAL INFORMATION:

Formation: **L.Kc.- J**

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

Time Tool Opened: 15:34:52

Time Test Ended: 19:11:52

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: 3631.00 ft (KB) To 3660.00 ft (KB) (TVD)

Total Depth: **3660.00 ft (KB) (TVD)**

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

Reference Elevations: **2222.00 ft (KB)**

2217.00 ft (CF)

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

Serial #: 8018

Inside

Press@RunDepth: **18.49 psig @ 3637.00 ft (KB)**

Start Date: **2006.04.10**

End Date: **2006.04.10**

Start Time: **13:45:27**

End Time: **19:11:51**

Capacity: **7000.00 psig**

Last Calib.: **2006.04.10**

Time On Btm: **2006.04.10 @ 15:34:22**

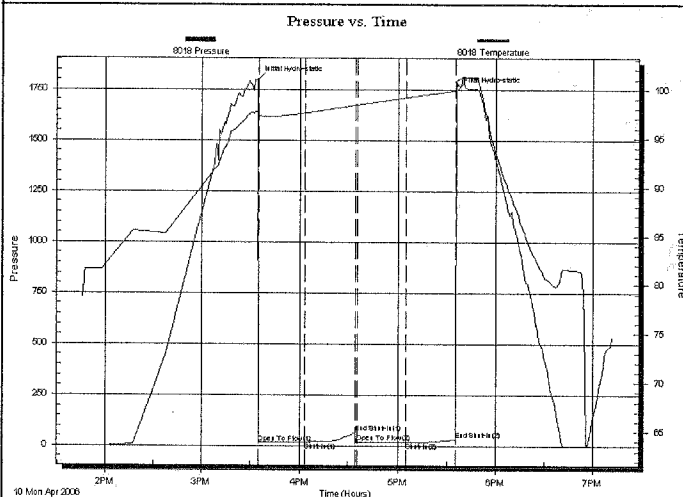
Time Off Btm: **2006.04.10 @ 17:35:52**

TEST COMMENT: **IF Weak Dead in 8"**

ISI Dead

FF Dead

FSI Dead



PRESSURE SUMMARY

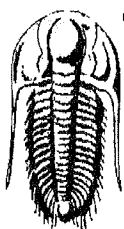
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.43	97.76	Initial Hydro-static
1	16.21	97.12	Open To Flow (1)
29	19.98	97.58	Shut-In(1)
60	64.10	98.41	End Shut-In(1)
61	17.15	98.41	Open To Flow (2)
91	18.49	99.17	Shut-In(2)
121	33.11	99.91	End Shut-In(2)
122	1744.07	100.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	DM few spots of Oil	0.04

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: Rod Tremblay

Croffoot "A" # 9

11 10s 20w Rooks KS

Job Ticket: 24233

DST#: 1

Test Start: 2006.04.10 @ 13:45:22

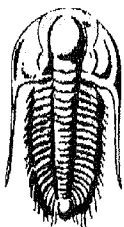
Tool Information

Drill Pipe:	Length: 3624.00 ft	Diameter: 3.80 inches	Volume: 50.84 bbl	Tool Weight:	2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
		Total Volume:	50.84 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3631.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	49.00 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			3612.00	
Shut In Tool	5.00			3617.00	
Hydraulic tool	5.00			3622.00	
Packer	4.00			3626.00	20.00 Bottom Of Top Packer
Packer	5.00			3631.00	
Stubb	1.00			3632.00	
Perforations	5.00			3637.00	
Recorder	0.00	8018	Inside	3637.00	
Perforations	20.00			3657.00	
Recorder	0.00	13308	Outside	3657.00	
Bullnose	3.00			3660.00	29.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Croffoot "A" # 9

PO Box 458
Hays KS 67601

11 10s 20w Rooks KS

Job Ticket: 24233

DST#: 1

ATTN: Rod Tremblay

Test Start: 2006.04.10 @ 13:45:22

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	DM few spots of Oil	0.042

Total Length:

3.00 ft

Total Volume:

0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

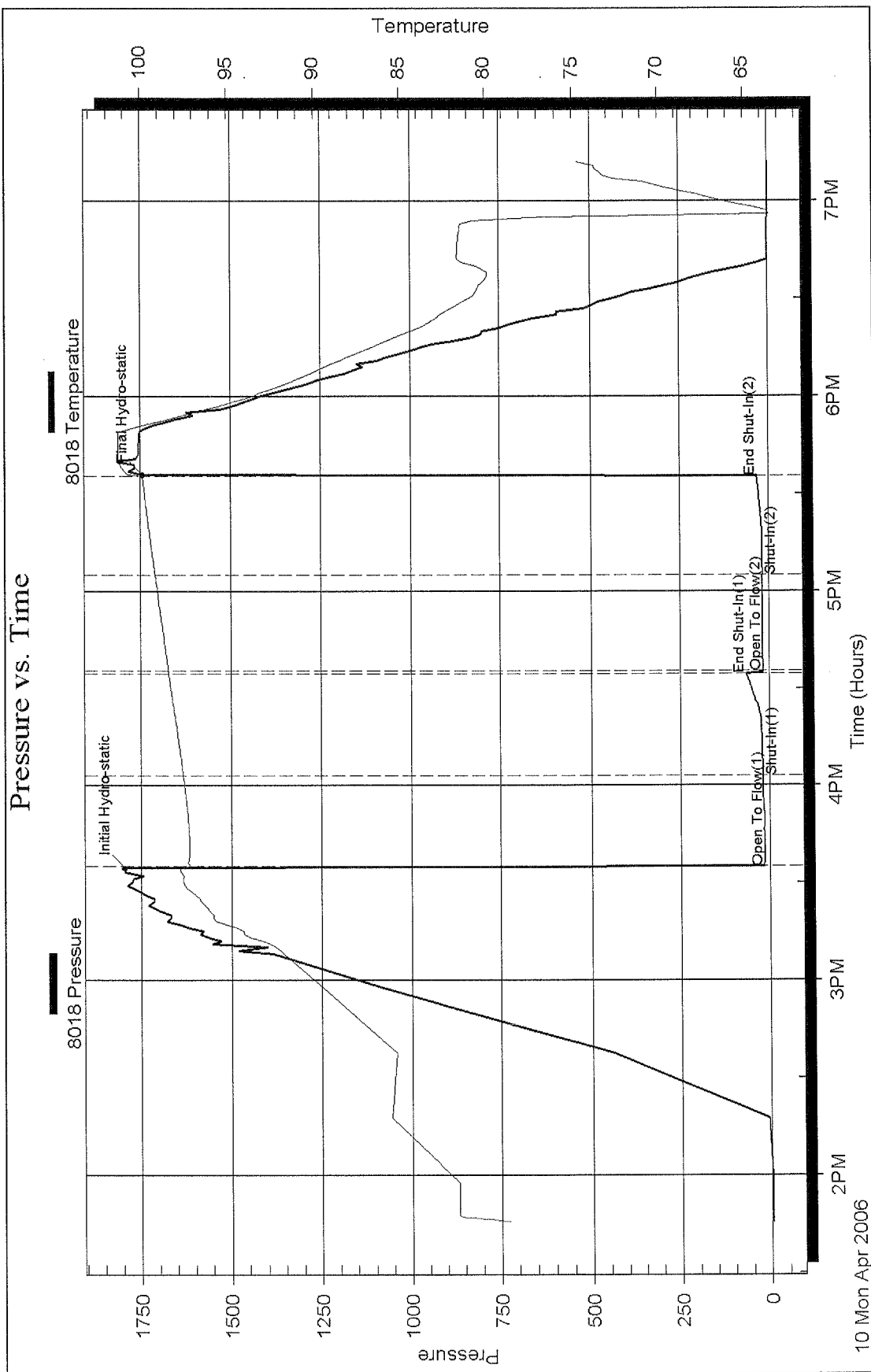
Serial #:

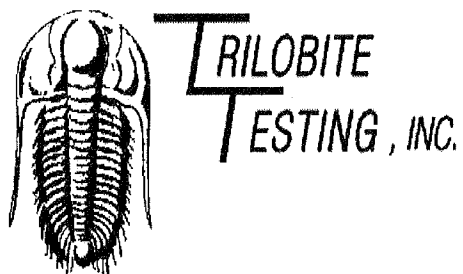
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

11 10s 20w Rooks KS

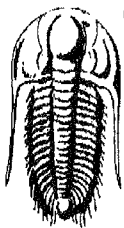
Croffoot "A" # 9

Start Date: 2006.04.15 @ 23:19:49

End Date: 2006.04.16 @ 07:40:19

Job Ticket #: 24235 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: Rod Tremblay

Croffoot "A" # 9

11 10s 20w Rooks KS

Job Ticket: 24235

DST#: 2

Test Start: 2006.04.15 @ 23:19:49

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:05:19

Time Test Ended: 07:40:19

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3766.00 ft (KB) To 3772.00 ft (KB) (TVD)**

Total Depth: 3772.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2222.00 ft (KB)

2217.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press@RunDepth: 808.06 psig @ 3767.00 ft (KB)

Start Date: 2006.04.15

End Date:

2006.04.16

Start Time: 23:19:54

End Time:

07:40:18

Capacity: 7000.00 psig

Last Calib.: 2006.04.16

Time On Btm: 2006.04.16 @ 01:04:49

Time Off Btm: 2006.04.16 @ 04:35:49

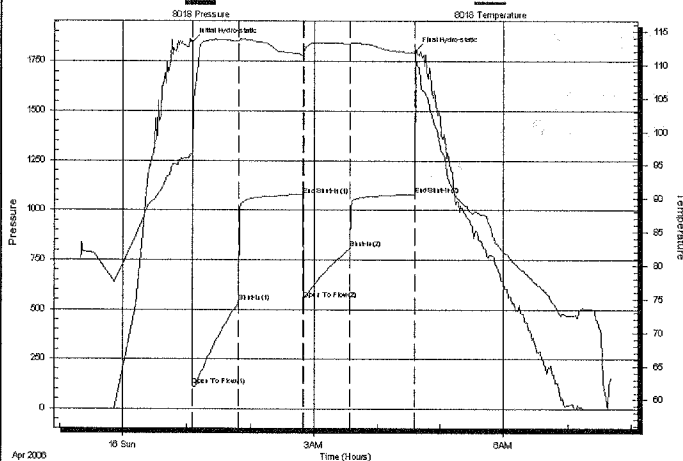
TEST COMMENT: IF Strong BOB 1"

ISI Weak surf blow back

FF Strong BOB 2"

FSI Weak surf blow back

Pressure vs. Time



PRESSURE SUMMARY

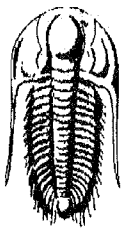
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1848.64	96.68	Initial Hydro-static
1	113.95	95.67	Open To Flow (1)
44	535.59	113.54	Shut-In (1)
105	1075.78	111.46	End Shut-In (1)
105	550.67	111.35	Open To Flow (2)
149	808.06	113.15	Shut-In (2)
211	1078.61	111.79	End Shut-In (2)
211	1803.36	111.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2106.00	GO 5%G 95%O	29.54
0.00	100 GIP	0.00

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

Croffoot "A" # 9

PO Box 458
Hays KS 67601

11 10s 20w Rooks KS

Job Ticket: 24235

DST#: 2

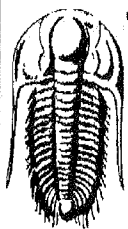
ATTN: Rod Tremblay

Test Start: 2006.04.15 @ 23:19:49

Tool Information

Drill Pipe:	Length: 3751.00 ft	Diameter: 3.80 inches	Volume: 52.62 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 52.62 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3766.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	26.00 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			3747.00	
Shut In Tool	5.00			3752.00	
Hydraulic tool	5.00			3757.00	
Packer	4.00			3761.00	20.00 Bottom Of Top Packer
Packer	5.00			3766.00	
Stubb	1.00			3767.00	
Recorder	0.00	8018	Inside	3767.00	
Perforations	2.00			3769.00	
Bullnose	3.00			3772.00	6.00 Bottom Packers & Anchor
Total Tool Length:	26.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Croffoot "A" # 9

PO Box 458
Hays KS 67601

11 10s 20w Rooks KS

Job Ticket: 24235

DST#: 2

ATTN: Rod Tremblay

Test Start: 2006.04.15 @ 23:19:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 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
2106.00	GO 5%G 95%O	29.542
0.00	100 GIP	0.000

Total Length: 2106.00 ft

Total Volume: 29.542 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

Inside

Tengasco Inc

11 10s 20w Rooks KS

DST Test Number: 2

Pressure vs. Time

