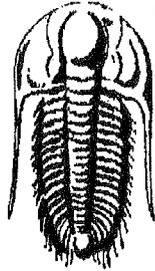


15-163-23720

28-8s-19w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

28 8S 19W Rooks KS

Veverka 'B' -1

Start Date: 2008.05.31 @ 22:59:29

End Date: 2008.06.01 @ 04:17:53

Job Ticket #: 32815 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 08 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Tengasco Inc

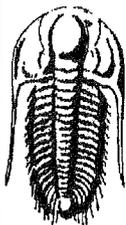
Veverka 'B' -1

28 8S 19W Rooks KS

DST # 1

Arbuckle

2008.05.31



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc
PO Box 458
Hays KS 67601
ATTN: Rod Tremblay

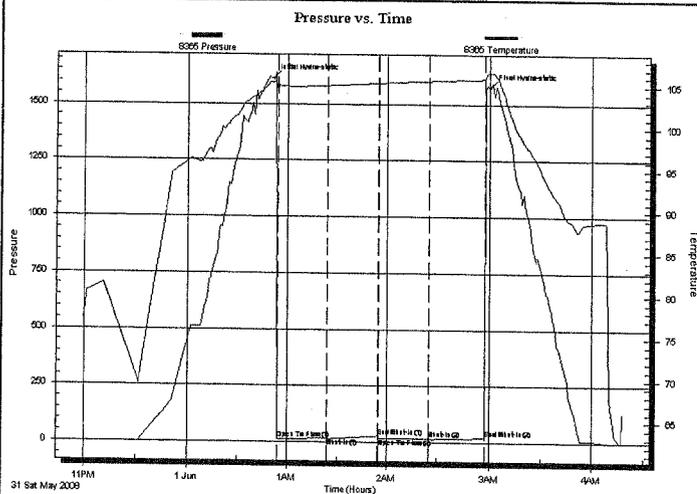
Veverka ' B ' -1
28 8S 19W Rooks KS
Job Ticket: 32815 **DST#: 1**
Test Start: 2008.05.31 @ 22:59:29

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:53:54
Time Test Ended: 04:17:53
Interval: **3387.00 ft (KB) To 3428.00 ft (KB) (TVD)**
Total Depth: 3428.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 1999.00 ft (KB)
1992.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 15.40 psig @ 3392.01 ft (KB)
Start Date: 2008.05.31 End Date: 2008.06.01
Start Time: 22:59:29 End Time: 04:17:53
Capacity: 7000.00 psig
Last Calib.: 2008.06.01
Time On Btm: 2008.06.01 @ 00:51:24
Time Off Btm: 2008.06.01 @ 03:00:24

TEST COMMENT: IFP Surface bl died in 5 min
FFP No bl
Times 30 30 30 30



PRESSURE SUMMARY

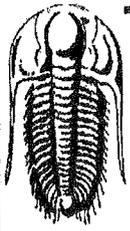
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1611.78	105.45	Initial Hydro-static
3	14.47	104.48	Open To Flow (1)
33	15.04	105.05	Shut-In(1)
63	27.48	105.35	End Shut-In(1)
64	15.30	105.35	Open To Flow (2)
94	15.40	105.62	Shut-In(2)
126	20.37	105.88	End Shut-In(2)
129	1572.84	106.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	M	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32815 **DST#: 1**

ATTN: Rod Tremblay

Test Start: 2008.05.31 @ 22:59:29

Tool Information

Drill Pipe:	Length: 3371.00 ft	Diameter: 3.80 inches	Volume: 47.29 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: 45000.00 lb
			<u>Total Volume: 47.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3387.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.02 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
Change Over Sub	1.00			3367.00	
Shut In Tool	5.00			3372.00	
Hydraulic tool	5.00			3377.00	
Packer	5.00			3382.00	21.00 Bottom Of Top Packer
Packer	5.00			3387.00	
Stubb	1.00			3388.00	
Perforations	4.00			3392.00	
Recorder	0.01	8365	Inside	3392.01	
Recorder	0.01	6625	Outside	3392.02	
Blank Spacing	33.00			3425.02	
Bullnose	3.00			3428.02	41.02 Bottom Packers & Anchor

Total Tool Length: 62.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32815

DST#: 1

ATTN: Rod Tremblay

Test Start: 2008.05.31 @ 22:59:29

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	M	0.028

Total Length: 2.00 ft

Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

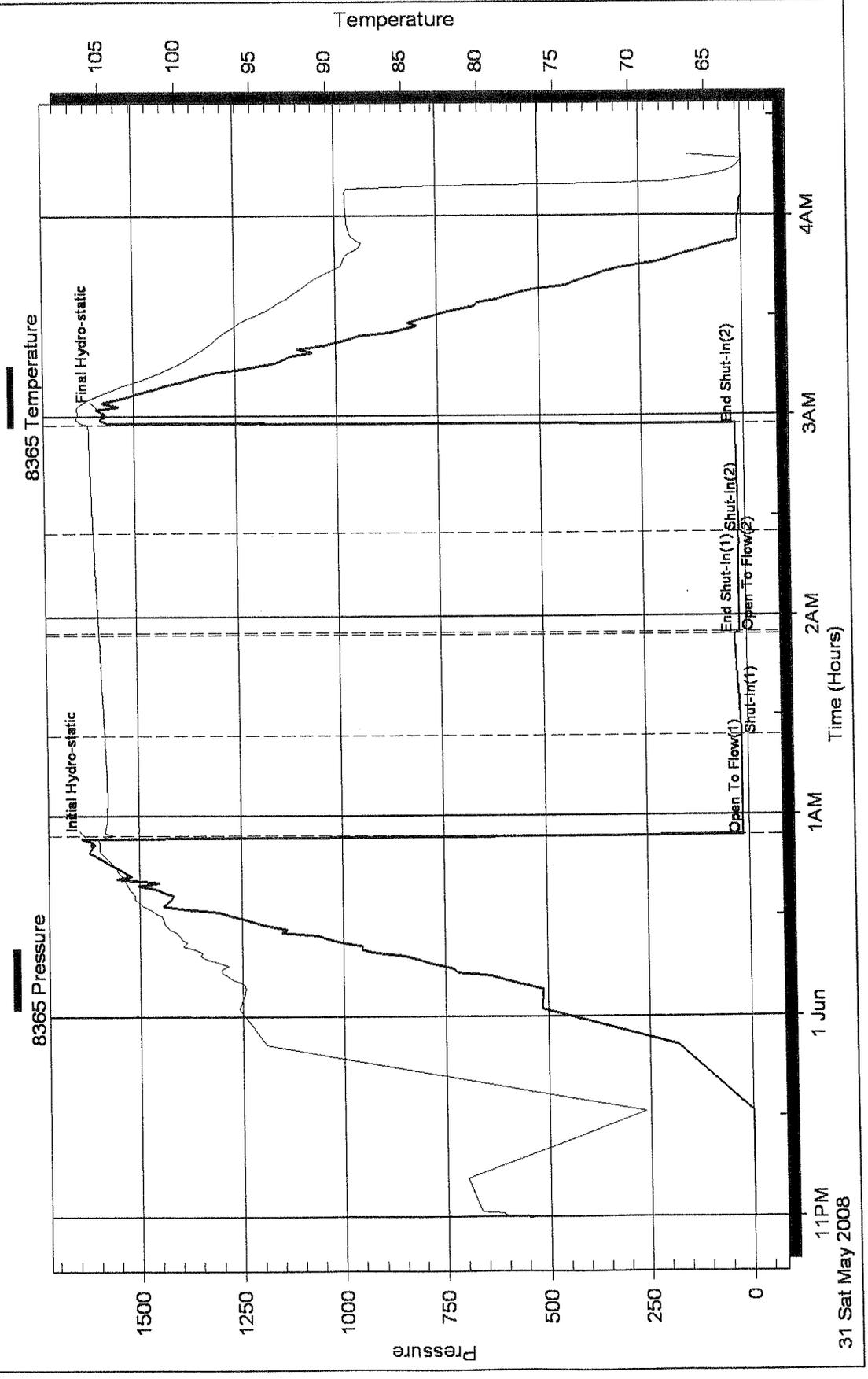
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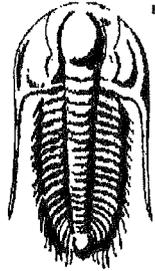
Laboratory Name:

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: Rod Tremblay

28 8S 19W Rooks KS

Veverka ' B ' -1

Start Date: 2008.06.01 @ 13:06:24

End Date: 2008.06.01 @ 19:05:18

Job Ticket #: 32816

DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Tengasco Inc

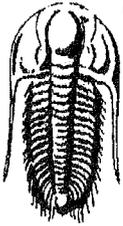
Veverka ' B ' -1

28 8S 19W Rooks KS

DST # 2

Arbuckle

2008.06.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Tengasco Inc

Veverka 'B' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32816

DST#: 2

ATTN: Rod Tremblay

Test Start: 2008.06.01 @ 13:06:24

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:22:49
 Time Test Ended: 19:05:18

Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42

Interval: **3385.00 ft (KB) To 3431.00 ft (KB) (TVD)**
 Total Depth: 3431.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1999.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 7.00 ft

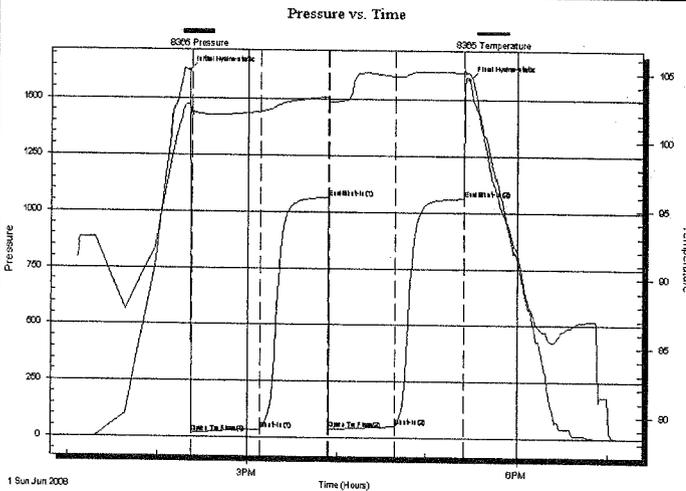
Serial #: 8365

Inside

Press@RunDepth: 51.77 psig @ 3395.01 ft (KB)
 Start Date: 2008.06.01 End Date: 2008.06.01
 Start Time: 13:06:24 End Time: 19:05:18

Capacity: 7000.00 psig
 Last Calib.: 2008.06.01
 Time On Btm: 2008.06.01 @ 14:21:19
 Time Off Btm: 2008.06.01 @ 17:28:48

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 1 1/2 " bl
 FFP Wk bl thru-out 1/4 " to 1 1/4 " bl
 Times 45 45 45 45
 No bl on shut-in



PRESSURE SUMMARY

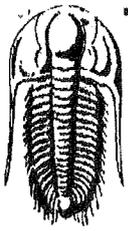
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.27	102.67	Initial Hydro-static
2	18.91	101.63	Open To Flow (1)
47	35.13	102.15	Shut-In(1)
92	1063.12	103.26	End Shut-In(1)
93	38.23	102.93	Open To Flow (2)
138	51.77	104.76	Shut-In(2)
184	1061.34	105.07	End Shut-In(2)
188	1589.82	105.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	CO	0.70
40.00	VHOGCM 5%G 45%O 50%M	0.56
0.00	60' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32816 **DST#: 2**

ATTN: Rod Tremblay

Test Start: 2008.06.01 @ 13:06:24

Tool Information

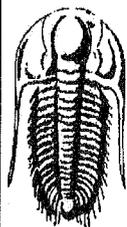
Drill Pipe:	Length: 3371.00 ft	Diameter: 3.80 inches	Volume: 47.29 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 47.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3385.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.02 ft			
Tool Length:	67.02 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			3365.00	
Shut In Tool	5.00			3370.00	
Hydraulic tool	5.00			3375.00	
Packer	5.00			3380.00	21.00 Bottom Of Top Packer
Packer	5.00			3385.00	
Stubb	1.00			3386.00	
Perforations	9.00			3395.00	
Recorder	0.01	8365	Inside	3395.01	
Recorder	0.01	6625	Outside	3395.02	
Blank Spacing	33.00			3428.02	
Bullnose	3.00			3431.02	46.02 Bottom Packers & Anchor

Total Tool Length: 67.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

ATTN: Rod Tremblay

Job Ticket: 32816

DST#: 2

Test Start: 2008.06.01 @ 13:06:24

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

18 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	CO	0.701
40.00	VHOGCM 5%G 45%O 50%M	0.561
0.00	60' GIP	0.000

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

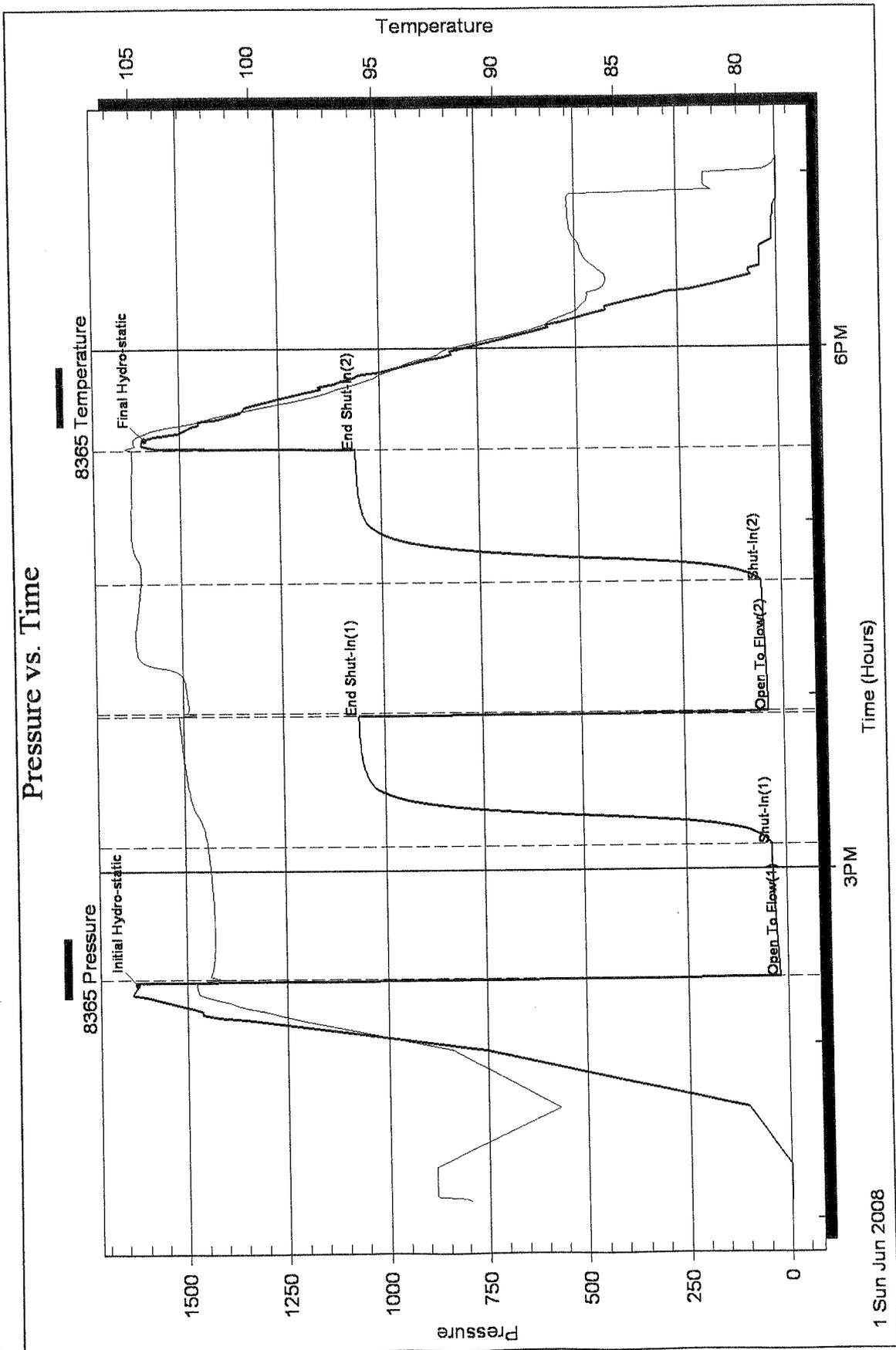
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

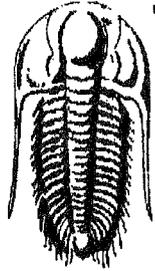
Pressure vs. Time



1 Sun Jun 2008

Ref. No: 32816

Trilobite Testing, Inc



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

28 8S 19W Rooks KS

Veverka ' B ' -1

Start Date: 2008.06.02 @ 01:34:16

End Date: 2008.06.02 @ 10:05:40

Job Ticket #: 32817 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Tengasco Inc

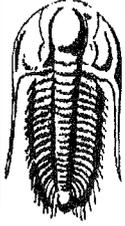
Veverka ' B ' -1

28 8S 19W Rooks KS

DST # 3

Arbuckle

2008.06.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32817

DST#: 3

ATTN: Rod Tremblay

Test Start: 2008.06.02 @ 01:34:16

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:11:11
 Time Test Ended: 10:05:40

Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42

Interval: **3387.00 ft (KB) To 3434.00 ft (KB) (TVD)**
 Total Depth: 3434.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair

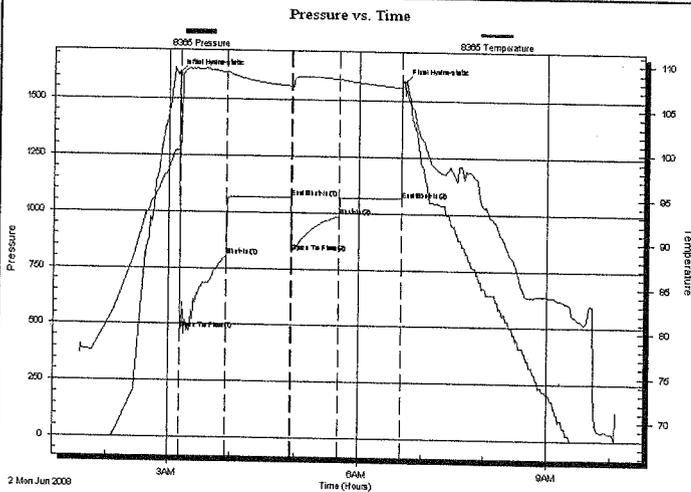
Reference Elevations: 1999.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8365 Inside

Press@RunDepth: 985.20 psig @ 3398.01 ft (KB)
 Start Date: 2008.06.02 End Date: 2008.06.02
 Start Time: 01:34:16 End Time: 10:05:40

Capacity: 7000.00 psig
 Last Calib.: 2008.06.02
 Time On Btm: 2008.06.02 @ 03:08:41
 Time Off Btm: 2008.06.02 @ 06:42:40

TEST COMMENT: IFP Strg bl thru-out
 FFP Wk to strg in 3 min
 Times 45 60 45 60
 ISIP No b bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1611.40	100.12	Initial Hydro-static
3	474.31	99.80	Open To Flow (1)
47	803.49	108.94	Shut-In(1)
107	1066.21	107.49	End Shut-In(1)
108	824.96	107.29	Open To Flow (2)
152	985.20	108.33	Shut-In(2)
212	1065.19	107.45	End Shut-In(2)
214	1582.73	107.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	OGCMW 5%G 20%O 55%W 20%M	9.26
420.00	OGCW 5%G 20%O 75%W	5.89
480.00	OGCW 5%G 10%O 85%W	6.73
360.00	OCW 5%O 95%W	5.05
180.00	Water	2.52

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc
PO Box 458
Hays KS 67601

Veverka ' B ' -1
28 8S 19W Rooks KS
Job Ticket: 32817 **DST#: 3**
Test Start: 2008.06.02 @ 01:34:16

ATTN: Rod Tremblay

Tool Information

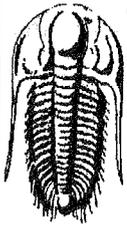
Drill Pipe:	Length: 3371.00 ft	Diameter: 3.80 inches	Volume: 47.29 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3387.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.02 ft			
Tool Length:	68.02 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			3367.00	
Shut In Tool	5.00			3372.00	
Hydraulic tool	5.00			3377.00	
Packer	5.00			3382.00	21.00 Bottom Of Top Packer
Packer	5.00			3387.00	
Stubb	1.00			3388.00	
Perforations	10.00			3398.00	
Recorder	0.01	8365	Inside	3398.01	
Recorder	0.01	6625	Outside	3398.02	
Blank Spacing	33.00			3431.02	
Bullnose	3.00			3434.02	47.02 Bottom Packers & Anchor

Total Tool Length: 68.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Veverka ' B ' -1

PO Box 458
Hays KS 67601

28 8S 19W Rooks KS

Job Ticket: 32817

DST#: 3

ATTN: Rod Tremblay

Test Start: 2008.06.02 @ 01:34:16

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 28000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	OGCMW 5%G 20%O 55%W 20%M	9.258
420.00	OGCW 5%G 20%O 75%W	5.891
480.00	OGCW 5%G 10%O 85%W	6.733
360.00	OCW 5%O 95%W	5.050
180.00	Water	2.525

Total Length: 2100.00 ft Total Volume: 29.457 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .2 @ 80F

Pressure vs. Time

