



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

28 8 19 Rooks KS

Veverka # 1

Start Date: 2007.08.14 @ 16:42:52

End Date: 2007.08.14 @ 22:19:52

Job Ticket #: 28672

DST #: 1

15-163-23632

NE NW SE SW

1200 FSL 1900 FWL

RECEIVED
KANSAS CORPORATION COMMISSION
SEP 06 2007
CONSERVATION DIVISION
WICHITA, KS

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

Veverka # 1

28 8 19 Rooks KS

Job Ticket: 28672

DST#: 1

Test Start: 2007.08.14 @ 16:42:52

GENERAL INFORMATION:

Formation: **L.Kc.-C to G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:43:52

Time Test Ended: 22:19:52

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3271.00 ft (KB) To 3350.00 ft (KB) (TVD)**

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2035.00 ft (KB)

2030.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 42.01 psig @ 3274.00 ft (KB)

Start Date: 2007.08.14

End Date:

2007.08.14

Capacity: 7000.00 psig

Last Calib.: 2007.08.14

Start Time: 16:42:57

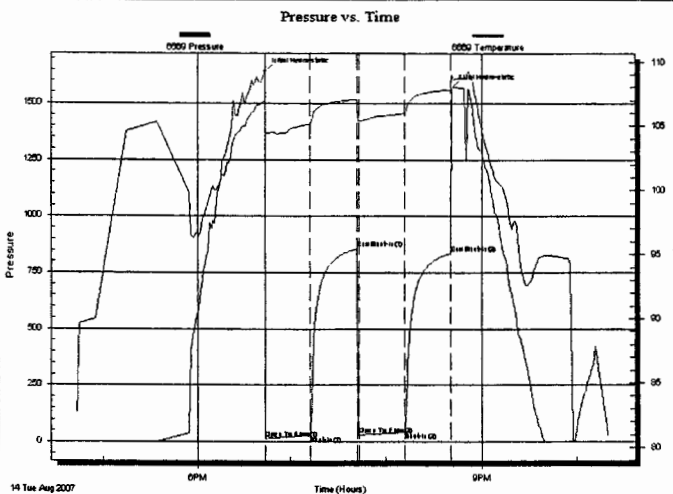
End Time:

22:19:51

Time On Btm: 2007.08.14 @ 18:43:22

Time Off Btm: 2007.08.14 @ 20:40:52

TEST COMMENT: IF Weak surface
ISI Dead
FF Weak Surface
FSI Dead



PRESSURE SUMMARY

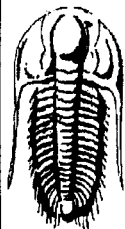
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.10	106.93	Initial Hydro-static
1	14.18	104.38	Open To Flow (1)
29	27.90	105.14	Shut-In (1)
59	854.95	107.08	End Shut-In (1)
60	29.02	105.39	Open To Flow (2)
89	42.01	105.99	Shut-In (2)
117	835.89	107.83	End Shut-In (2)
118	1567.71	109.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	D.Mud	0.70

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

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28672

DST#: 1

ATTN: Rod Tremblay

Test Start: 2007.08.14 @ 16:42:52

Tool Information

Drill Pipe: Length: 3281.00 ft Diameter: 3.80 inches Volume: 46.02 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl
Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
Total Volume: 46.02 bbl

Tool Weight: 2200.00 lb

Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 55000.00 lb

Tool Chased 0.00 ft

String Weight: Initial 30000.00 lb

Final 30000.00 lb

Drill Pipe Above KB: 30.00 ft

Depth to Top Packer: 3271.00 ft

Depth to Bottom Packer: ft

Interval between Packers: 79.00 ft

Tool Length: 99.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3252.00	
Shut In Tool	5.00			3257.00	
Hydraulic tool	5.00			3262.00	
Packer	4.00			3266.00	20.00 Bottom Of Top Packer
Packer	5.00			3271.00	
Stubb	1.00			3272.00	
Perforations	1.00			3273.00	
Change Over Sub	1.00			3274.00	
Recorder	0.00	6669	Inside	3274.00	
Blank Spacing	62.00			3336.00	
Change Over Sub	1.00			3337.00	
Recorder	0.00	11084	Outside	3337.00	
Perforations	10.00			3347.00	
Bullnose	3.00			3350.00	79.00 Bottom Packers & Anchor

Total Tool Length: 99.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28672

DST#: 1

ATTN: Rod Tremblay

Test Start: 2007.08.14 @ 16:42:52

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 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
50.00	D.Mud	0.701

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

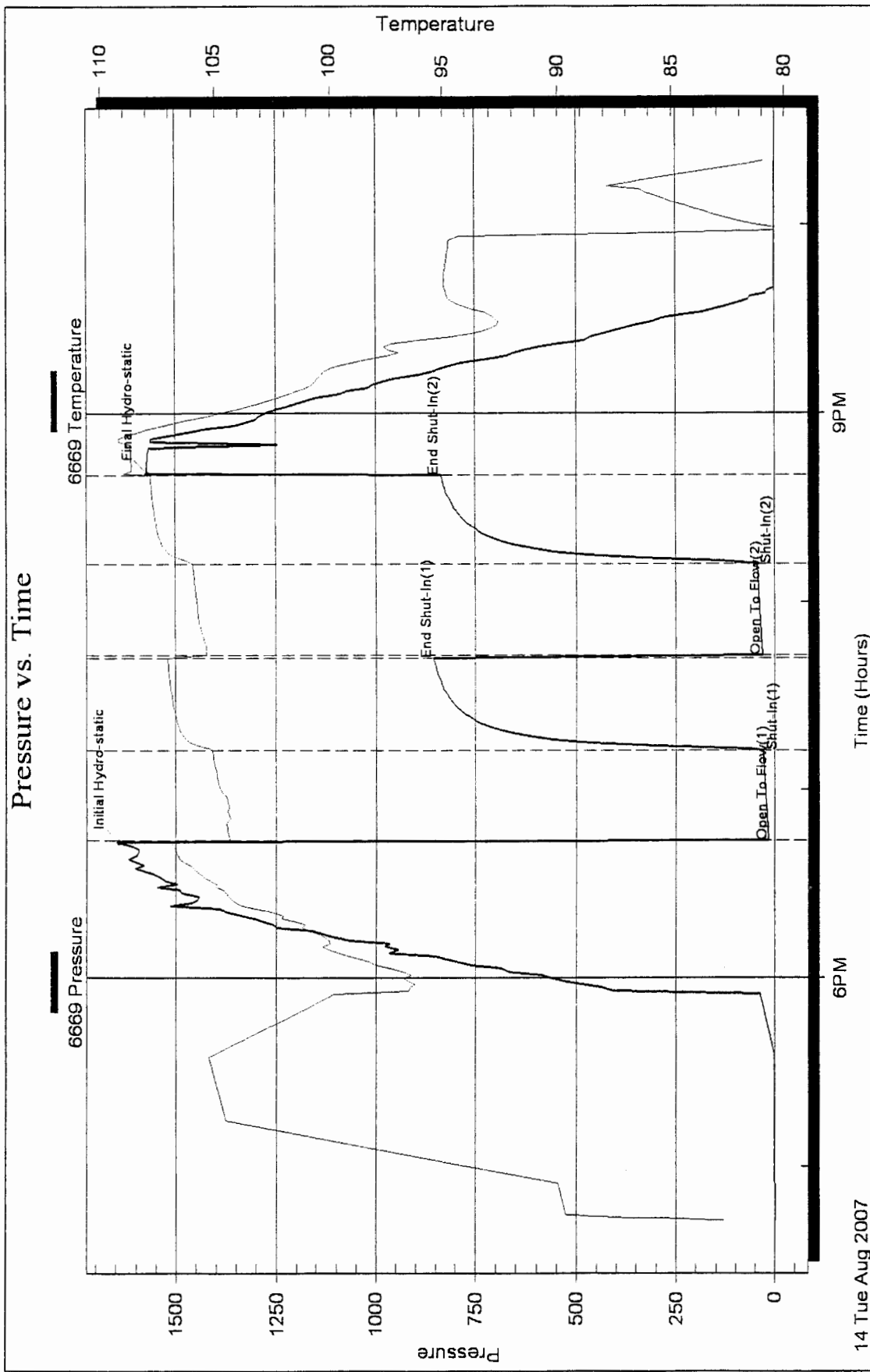
Serial #:

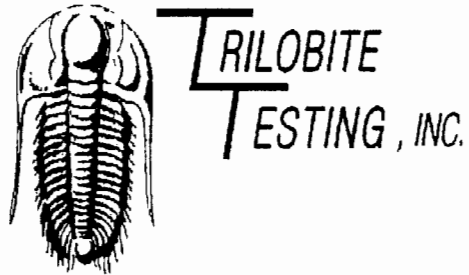
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

28 8 19 Rooks KS

Veverka # 1

Start Date: 2007.08.15 @ 08:54:21

End Date: 2007.08.15 @ 14:57:21

Job Ticket #: 28673

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Tengasco Inc

Veverka # 1

28 8 19 Rooks KS

DST # 2

L.Kc.-H,I,J

2007.08.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Veverka # 1

28 8 19 Rooks KS

Job Ticket: 28673

DST#: 2

Test Start: 2007.08.15 @ 08:54:21

GENERAL INFORMATION:

Formation: L.Kc.-H,I,J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:29:21

Time Test Ended: 14:57:21

Interval: 3355.00 ft (KB) To 3426.00 ft (KB) (TVD)

Total Depth: 3426.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Reference Elevations: 2035.00 ft (KB)

2030.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669

Inside

Press@RunDepth: 255.11 psig @ 3358.00 ft (KB)

Start Date: 2007.08.15

End Date:

2007.08.15

Capacity: 7000.00 psig

Last Calib.: 2007.08.15

Start Time: 08:54:26

End Time:

14:57:20

Time On Btm: 2007.08.15 @ 10:28:21

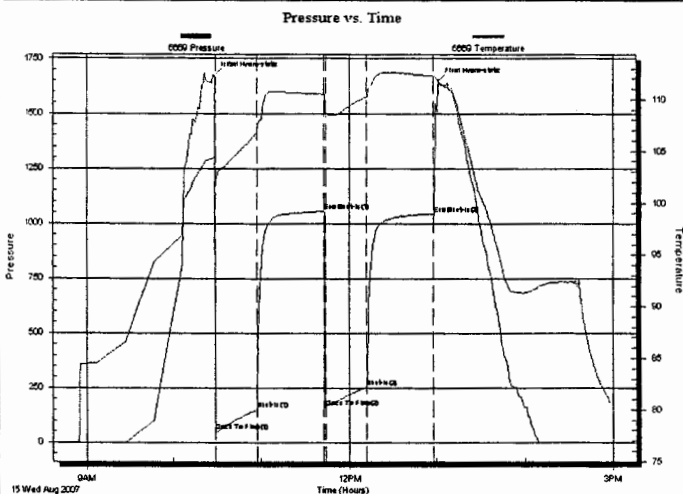
Time Off Btm: 2007.08.15 @ 13:01:21

TEST COMMENT: IF Strong BOB 4 min.

ISI Dead

FF Strong BOB 8 min.

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.62	104.40	Initial Hydro-static
1	54.00	102.15	Open To Flow (1)
29	151.55	106.83	Shut-In (1)
75	1056.01	110.50	End Shut-In (1)
76	162.88	108.71	Open To Flow (2)
104	255.11	110.23	Shut-In (2)
150	1044.39	112.27	End Shut-In (2)
153	1648.33	111.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
515.00	MSW 40%M 60%SW	7.22

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28673

DST#: 2

ATTN: Rod Tremblay

Test Start: 2007.08.15 @ 08:54:21

Tool Information

Drill Pipe:	Length: 3345.00 ft	Diameter: 3.80 inches	Volume: 46.92 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:	46.92 bbl	Tool Chased	5.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	30000.00 lb
Depth to Top Packer:	3355.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	71.00 ft				
Tool Length:	91.00 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			3336.00	
Shut In Tool	5.00			3341.00	
Hydraulic tool	5.00			3346.00	
Packer	4.00			3350.00	20.00 Bottom Of Top Packer
Packer	5.00			3355.00	
Stubb	1.00			3356.00	
Perforations	1.00			3357.00	
Change Over Sub	1.00			3358.00	
Recorder	0.00	6669	Inside	3358.00	
Blank Spacing	62.00			3420.00	
Change Over Sub	1.00			3421.00	
Perforations	2.00			3423.00	
Recorder	0.00	13308	Outside	3423.00	
Bullnose	3.00			3426.00	71.00 Bottom Packers & Anchor

Total Tool Length: 91.00



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FLUID SUMMARY

Tengasco Inc

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28673

DST#: 2

ATTN: Rod Tremblay

Test Start: 2007.08.15 @ 08:54:21

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:

42000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 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
515.00	MSW 40%M 60%SW	7.224

Total Length: 515.00 ft

Total Volume: 7.224 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

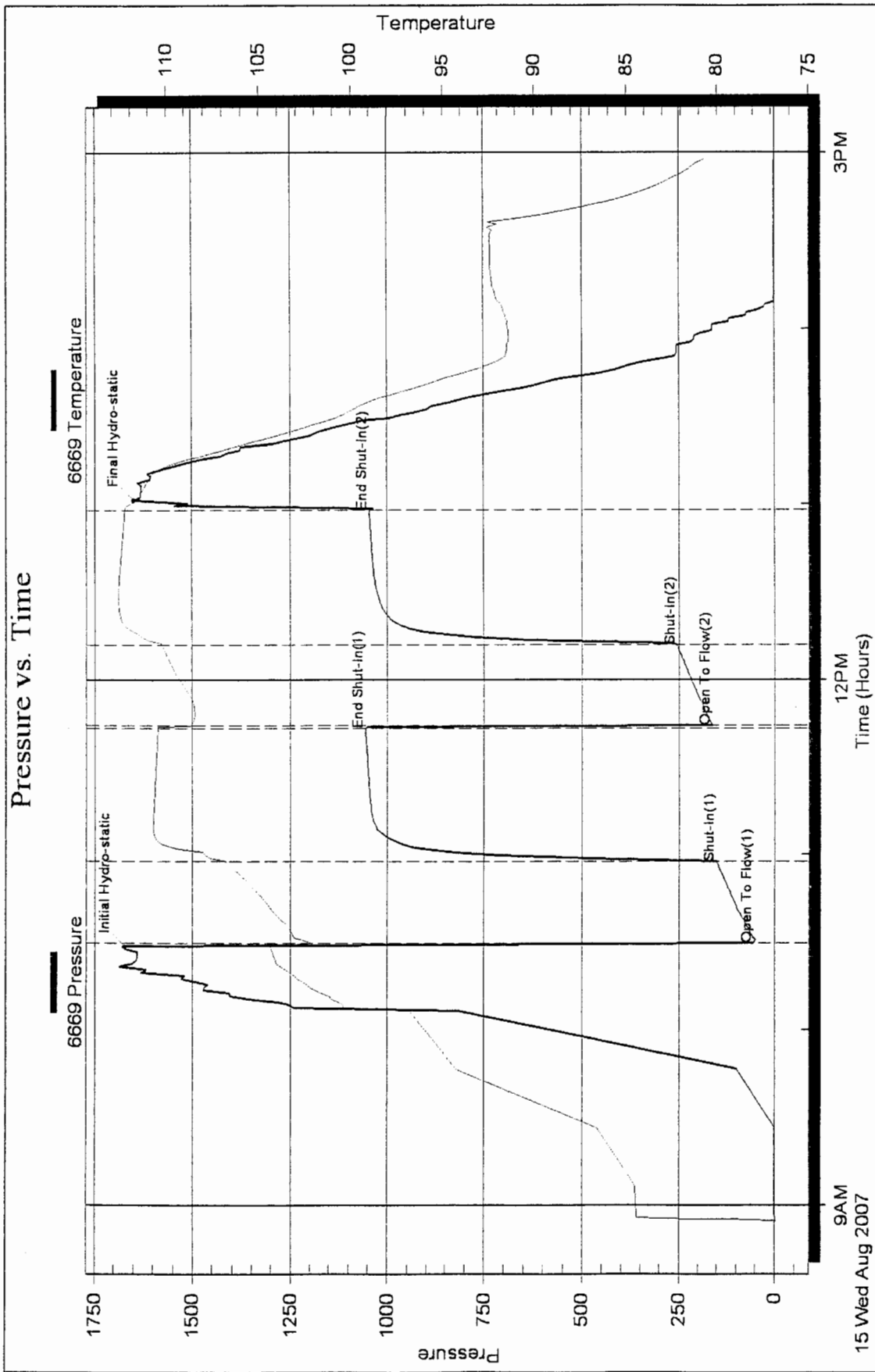
Serial #:

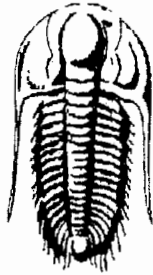
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

28 8 19 Rooks KS

Veverka # 1

Start Date: 2007.08.16 @ 07:50:56

End Date: 2007.08.16 @ 12:53:56

Job Ticket #: 28674

DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Tengasco Inc

Veverka # 1

28 8 19 Rooks KS

DST # 3

Arbuckle

2007.08.16



TRILOBITE
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DRILL STEM TEST REPORT

Tengasco Inc

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Veverka # 1

28 8 19 Rooks KS

Job Ticket: 28674

DST#: 3

Test Start: 2007.08.16 @ 07:50:56

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:15:56

Time Test Ended: 12:53:56

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3442.00 ft (KB) To 3497.00 ft (KB) (TVD)**

Total Depth: 3350.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2035.00 ft (KB)

2030.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6669 Inside

Press@RunDepth: 21.64 psig @ 3447.00 ft (KB)

Start Date: 2007.08.16

End Date:

2007.08.16

Capacity: 7000.00 psig

Last Calib.: 2007.08.16

Start Time: 07:51:01

End Time:

12:53:55

Time On Btm: 2007.08.16 @ 09:15:26

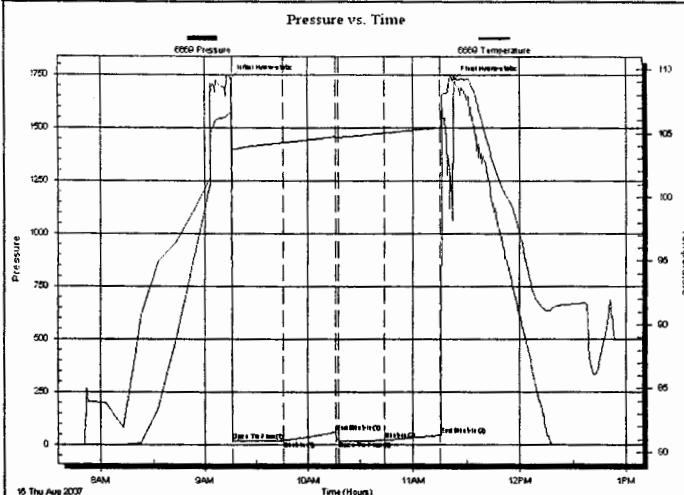
Time Off Btm: 2007.08.16 @ 11:22:56

TEST COMMENT: IF Weak Surface built to 1 "

ISI Dead

FF Dead

FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1733.78	106.54	Initial Hydro-static
1	17.70	103.83	Open To Flow (1)
31	19.93	104.27	Shut-in(1)
61	59.82	104.73	End Shut-in(1)
62	19.73	104.68	Open To Flow (2)
89	21.64	105.02	Shut-in(2)
120	45.87	105.43	End Shut-in(2)
128	1726.62	109.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	D.Mud w/Oil spots	0.21

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

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28674

DST#: 3

ATTN: Rod Tremblay

Test Start: 2007.08.16 @ 07:50:56

Tool Information

Drill Pipe: Length: 3450.00 ft Diameter: 3.80 inches Volume: 48.39 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl
Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl
Total Volume: 48.39 bbl

Drill Pipe Above KB: 28.00 ft
Depth to Top Packer: 3442.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 55.00 ft
Tool Length: 75.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Weight: 2200.00 lb
Weight set on Packer: 25000.00 lb
Weight to Pull Loose: 60000.00 lb
Tool Chased 5.00 ft
String Weight: Initial 32000.00 lb
Final 32000.00 lb

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3423.00	
Shut In Tool	5.00			3428.00	
Hydraulic tool	5.00			3433.00	
Packer	4.00			3437.00	20.00 Bottom Of Top Packer
Packer	5.00			3442.00	
Stubb	1.00			3443.00	
Perforations	3.00			3446.00	
Change Over Sub	1.00			3447.00	
Recorder	0.00	6669	Inside	3447.00	
Blank Spacing	31.00			3478.00	
Change Over Sub	1.00			3479.00	
Recorder	0.00	11084	Outside	3479.00	
Perforations	15.00			3494.00	
Bullnose	3.00			3497.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Veverka # 1

PO Box 458
Hays KS 67601

28 8 19 Rooks KS

Job Ticket: 28674

DST#: 3

ATTN: Rod Tremblay

Test Start: 2007.08.16 @ 07:50:56

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 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
15.00	D.Mud w/Oil spots	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

