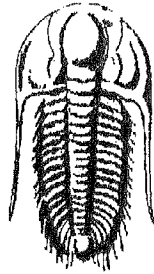


15-051-25811

31-13s-16w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **C G Oil LLC**

P.O. Box 207
Victoria KS 67671

ATTN: Francis Whisler

31 13 16 Ellis KS

S. Farm East Lease

Start Date: 2008.08.19 @ 08:09:26

End Date: 2008.08.19 @ 13:17:56

Job Ticket #: 33168 DST #: 1

CONFIDENTIAL

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

C G Oil LLC

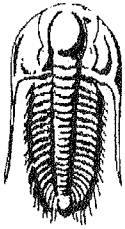
S. Farm East Lease

31 13 16 Ellis KS

DST # 1

Conglomerate Sand

2008.08.19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CG Oil LLC
 P.O. Box 207
 Victoria KS 67671
 ATTN: Francis Whisler

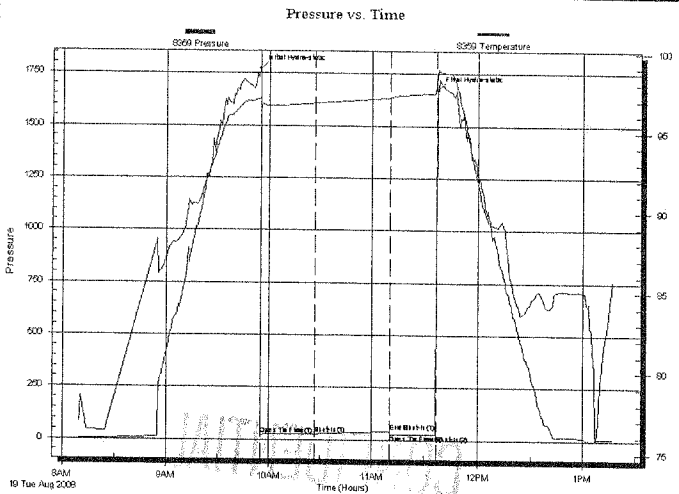
S. Farm East Lease
31 13 16 Ellis KS
 Job Ticket: 33168 DST#: 1
 Test Start: 2008.08.19 @ 08:09:26

GENERAL INFORMATION:

Formation: **Conglomerate Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:55:11
 Time Test Ended: 13:17:56
 Interval: **3451.00 ft (KB) To 3484.00 ft (KB) (TVD)**
 Total Depth: 3484.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Travy Cushenbery
 Unit No: 30
 Reference Elevations: 1966.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8359 Inside
 Press@RunDepth: 25.08 psig @ 3451.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.08.19 End Date: 2008.08.19 Last Calib.: 2008.08.19
 Start Time: 08:09:31 End Time: 13:17:55 Time On Btm: 2008.08.19 @ 09:54:56
 Time Off Btm: 2008.08.19 @ 11:37:11

TEST COMMENT: IF Weak blow Building to 1/4" in 30 mins
 ISI Bled off No blow back
 FF Opened tool No blow Pulled tool after 25 mins
 FSI No shut in



PRESSURE SUMMARY

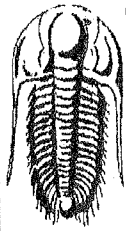
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1770.62	97.12	Initial Hydro-static
1	22.93	96.36	Open To Flow (1)
32	25.08	96.83	Shut-In (1)
76	39.23	97.17	End Shut-In (1)
76	26.62	97.16	Open To Flow (2)
102	26.07	97.49	Shut-In (2)
103	1674.43	98.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with scum of Oil 100% m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

C G Oil LLC

S. Farm East Lease

P.O. Box 207
Victoria KS 67671

31 13 16 Ellis KS

Job Ticket: 33168

DST#: 1

ATTN: Francis Whisler

Test Start: 2008.08.19 @ 08:09:26

Tool Information

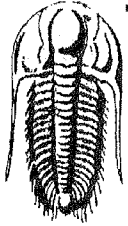
Drill Pipe:	Length: 3135.00 ft	Diameter: 3.80 inches	Volume: 43.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 2.70 inches	Volume: 2.21 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 46.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3451.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3436.00	
Hydraulic tool	5.00			3441.00	
Packer	5.00			3446.00	20.00 Bottom Of Top Packer
Packer	5.00			3451.00	
Recorder	0.00	8359	Inside	3451.00	
Recorder	0.00	8354	Inside	3451.00	
Perforations	30.00			3481.00	
Bullnose	3.00			3484.00	33.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

C G Oil LLC

S. Farm East Lease

P.O. Box 207
Victoria KS 67671

31 13 16 Ellis KS

Job Ticket: 33168

DST#: 1

ATTN: Francis Whisler

Test Start: 2008.08.19 @ 08:09:26

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with scum of Oil 100% _m	0.071

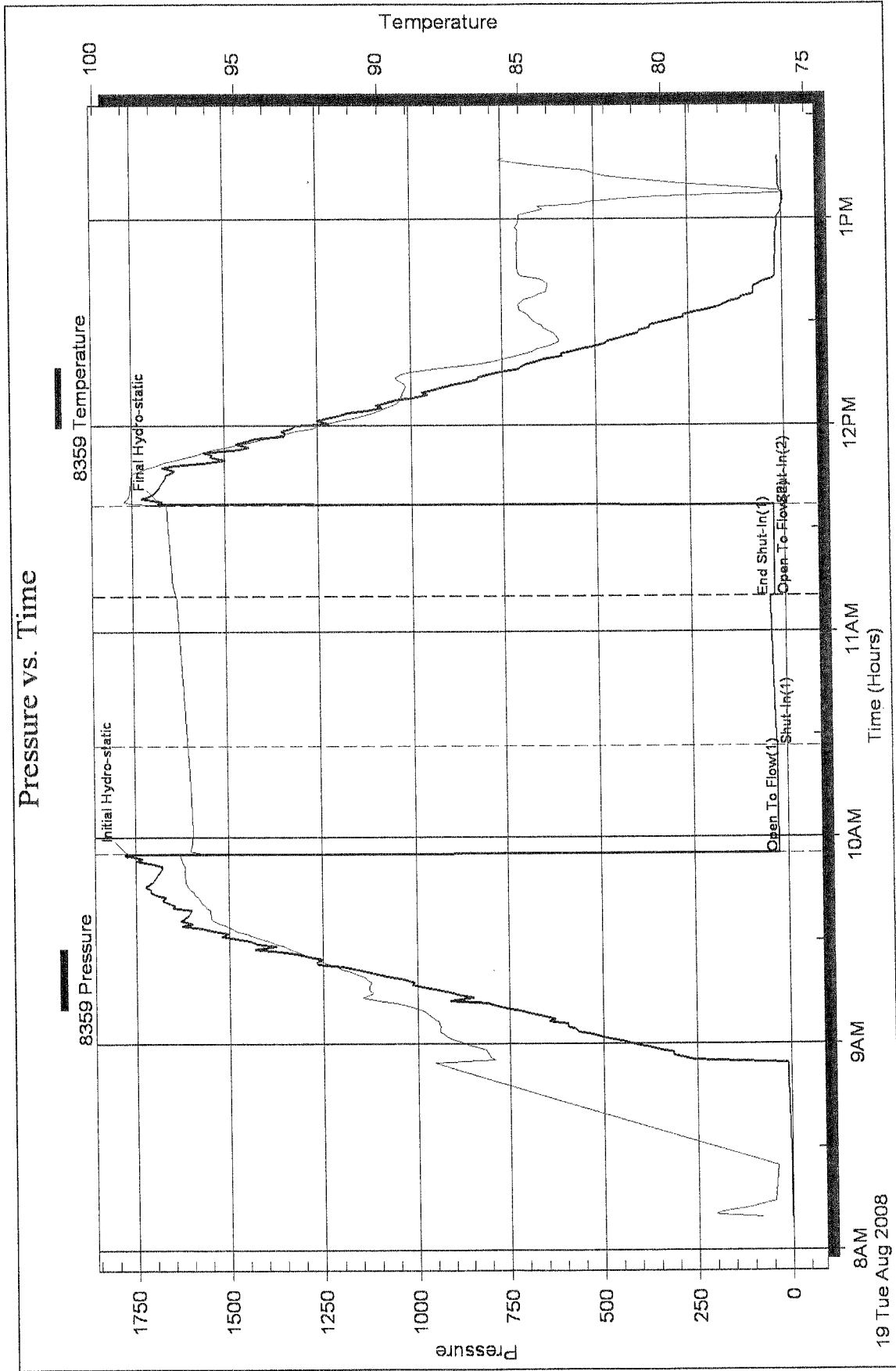
Total Length: 10.00 ft Total Volume: 0.071 bbl

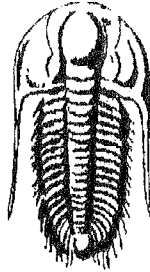
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **C G Oil LLC**

P.O. Box 207
Victoria KS 67671

ATTN: Francis Whisler

31 13 16 Ellis KS

S. Farm East Lease

Start Date: 2008.08.19 @ 19:10:56

End Date: 2008.08.20 @ 01:19:11

Job Ticket #: 33169 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

C G Oil LLC

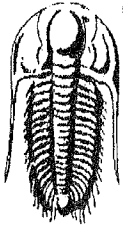
S. Farm East Lease

31 13 16 Ellis KS

DST # 2

Arbuckle

2008.08.19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

C G Oil LLC
 P.O. Box 207
 Victoria KS 67671
 ATTN: Francis Whisler

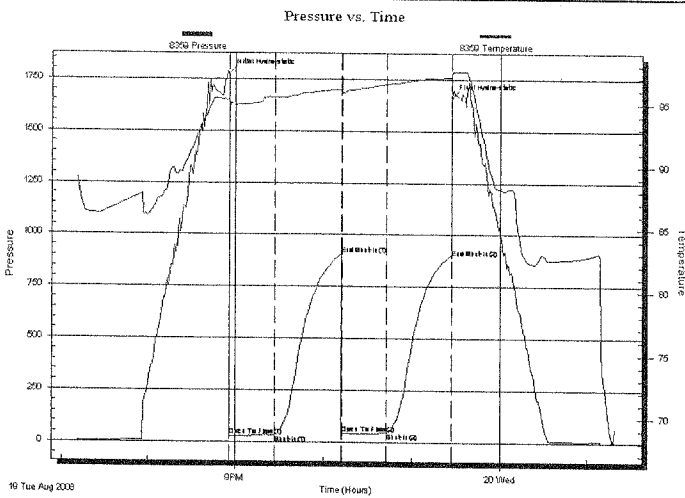
S. Farm East Lease
31 13 16 Ellis KS
 Job Ticket: 33169 **DST#: 2**
 Test Start: 2008.08.19 @ 19:10:56

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:55:56
 Time Test Ended: 01:19:11
 Interval: **3452.00 ft (KB) To 3494.00 ft (KB) (TVD)**
 Total Depth: 3494.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Travy Cushenbery
 Unit No: 30
 Reference Elevations: 1966.00 ft (KB)
 1961.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8359 Inside
 Press@RunDepth: 43.86 psig @ 3452.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.08.19 End Date: 2008.08.20 Last Calib.: 2008.08.20
 Start Time: 19:11:01 End Time: 01:19:10 Time On Btm: 2008.08.19 @ 20:55:41
 Time Off Btm: 2008.08.19 @ 23:26:56

TEST COMMENT: IF Weak blow Building to 3/4" in 30 mins
 ISI Bled off No blow back
 FF Weak surface blow
 FSI Bled off No blow back



PRESSURE SUMMARY

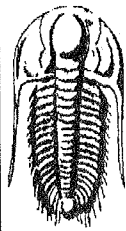
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1775.04	95.38	Initial Hydro-static
1	26.27	94.62	Open To Flow (1)
31	33.30	95.50	Shut-In (1)
76	906.17	96.13	End Shut-In (1)
77	41.33	95.90	Open To Flow (2)
107	43.86	96.58	Shut-In (2)
151	892.15	97.09	End Shut-In (2)
152	1659.47	97.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil cut Mud 20%O 80%M	0.42

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

CG Oil LLC

S. Farm East Lease

P.O. Box 207
Victoria KS 67671

31 13 16 Ellis KS

Job Ticket: 33169

DST#: 2

ATTN: Francis Whisler

Test Start: 2008.08.19 @ 19:10:56

Tool Information

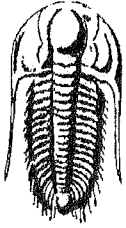
Drill Pipe:	Length: 3135.00 ft	Diameter: 3.80 inches	Volume: 43.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 312.00 ft	Diameter: 2.70 inches	Volume: 2.21 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 46.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3452.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3437.00	
Hydraulic tool	5.00			3442.00	
Packer	5.00			3447.00	20.00 Bottom Of Top Packer
Packer	5.00			3452.00	
Recorder	0.00	8359	Inside	3452.00	
Recorder	0.00	8354	Inside	3452.00	
Perforations	39.00			3491.00	
Bullnose	3.00			3494.00	42.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

C G Oil LLC
P.O. Box 207
Victoria KS 67671
ATTN: Francis Whisler

S. Farm East Lease
31 13 16 Ellis KS
Job Ticket: 33169 **DST#: 2**
Test Start: 2008.08.19 @ 19:10:56

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:	7.98 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5300.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oil cut Mud 20%O 80%M	0.425

Total Length: 60.00 ft Total Volume: 0.425 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

