

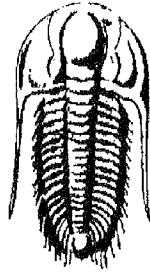
15-053-21159

27-17s-10w

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KANSAS CORPORATION COMMISSION

MAR 14 2006

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

CONFIDENTIAL

MAR 13 2006

KCC

DRILL STEM TEST REPORT

Prepared For: **Sam Gary & Assc.**

1670 Broadway Suite 3300
Denver CO 80202-4838

ATTN: Tom Fertal

^{low}
27-17s-10w Ellsworth

Schepmann 2-27

Start Date: 2005.11.22 @ 18:32:41

End Date: 2005.11.23 @ 03:25:26

Job Ticket #: 23598 DST #: 1

Sam Gary & Assc.

Schepmann 2-27

27-17s-19w Ellsworth

DST # 1

ARB

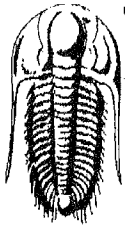
2005.11.22

Range is 10w, not 19 as printed

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Sam Gary & Assoc.
 1670 Broadway Suite 3300
 Denver CO 80202-4838
 ATTN: Tom Fertal

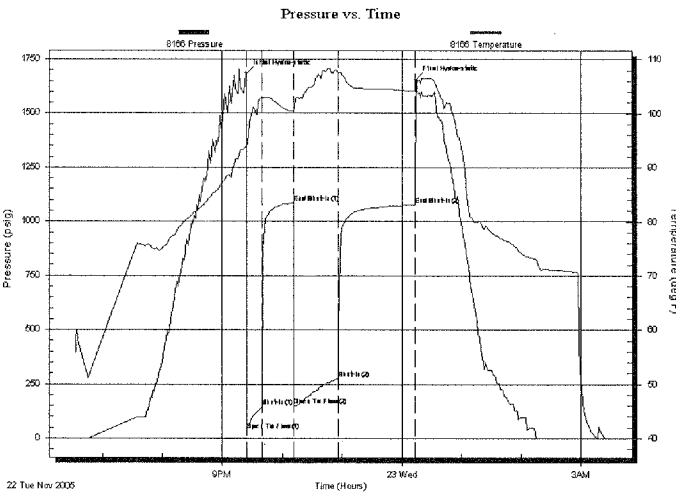
Schepmann 2-27
27-17s-19w Ellsworth
 Job Ticket: 23598 **DST#: 1**
 Test Start: 2005.11.22 @ 18:32:41

GENERAL INFORMATION:

Formation: **ARB**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:24:41
 Time Test Ended: 03:25:26
 Interval: **3281.00 ft (KB) To 3336.00 ft (KB) (TVD)**
 Total Depth: 3336.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Michael
 Unit No: 22
 Reference Elevations: 1839.00 ft (KB)
 1833.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8166 Inside
 Press@RunDepth: 276.57 psig @ 3285.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2005.11.22 End Date: 2005.11.23 Last Calib.: 2005.11.23
 Start Time: 18:32:42 End Time: 03:25:26 Time On Btm: 2005.11.22 @ 21:24:26
 Time Off Btm: 2005.11.23 @ 00:13:26

TEST COMMENT: IF- B of B 6m
 IS- Weak surface blow back
 FF- B of B 8m
 FS- Weak surface blow back



PRESSURE SUMMARY

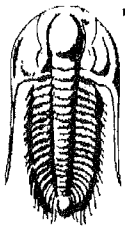
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1684.84	94.02	Initial Hydro-static
1	37.87	93.58	Open To Flow (1)
16	147.46	102.94	Shut-In(1)
48	1085.90	100.37	End Shut-In(1)
48	152.93	100.06	Open To Flow (2)
92	276.57	107.53	Shut-In(2)
169	1077.32	104.14	End Shut-In(2)
169	1655.09	103.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gassy Mud Cut Oil 10%g 10% m 80%o	0.30
400.00	Gassy Mud Cut Oil 10%g 15% m 75%o	4.55
140.00	Gassy Mud Cut Oil 10%g 25% m 75%o	1.96
0.00	60 GIP	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary & Assoc.
1670 Broadway Suite 3300
Denver CO 80202-4838
ATTN: Tom Fertal

Schepmann 2-27
27-17s-19w Ellsworth
Job Ticket: 23598 DST#: 1
Test Start: 2005.11.22 @ 18:32:41

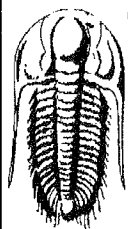
Tool Information

Drill Pipe:	Length: 3105.00 ft	Diameter: 3.80 inches	Volume: 43.55 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.42 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3281.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	76.00 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			3261.00	
Shut In Tool	5.00			3266.00	
Hydraulic tool	5.00			3271.00	
Packer	5.00			3276.00	21.00 Bottom Of Top Packer
Packer	5.00			3281.00	
Blank Spacing	1.00			3282.00	
Perforations	2.00			3284.00	
Change Over Sub	1.00			3285.00	
Recorder	0.00	8166	Inside	3285.00	
Drill Pipe	31.00			3316.00	
Change Over Sub	1.00			3317.00	
Recorder	0.00	10991	Outside	3317.00	
Perforations	16.00			3333.00	
Bullnose	3.00			3336.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



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FLUID SUMMARY

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Denver CO 80202-4838
ATTN: Tom Fertal

Schepmann 2-27
27-17s-19w Ellsworth
Job Ticket: 23598 **DST#: 1**
Test Start: 2005.11.22 @ 18:32:41

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GassyMudCutOil10%g10%m80%o	0.295
400.00	GassyMud CutOil10%g15%m75%o	4.554
140.00	GassyMudCutOil10%g25%m75%o	1.964
0.00	60 GIP	0.000

Total Length: 600.00 ft Total Volume: 6.813 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8166

Inside Sam Gary & Assoc.

27-17s-19w Elsworth

DST Test Number: 1

Pressure vs. Time

