

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Strata Exploration Inc**

PO Box 401
Fairfield, Il 62837

ATTN: Strata Exploration In

26-29-32 Haskell,Ks

Kelman #3

Start Date: 2005.08.04 @ 10:20:09

End Date: 2005.08.04 @ 22:45:53

Job Ticket #: 21336 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Strata Exploration Inc

Kelman #3

26-29-32 Haskell,Ks

DST # 1

St. Louis

2005.08.04



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DRILL STEM TEST REPORT

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26-29-32 Haskell, Ks

Job Ticket: 21336

DST#: 1

ATTN: Strata Exploration In, IL 62837

Test Start: 2005.08.04 @ 10:20:09

GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 15:26:23
 Time Test Ended: 22:45:53

Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 25

Interval: **5510.00 ft (KB) To 5535.00 ft (KB) (TVD)**
 Total Depth: 5535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2904.00 ft (KB)
 2896.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6798

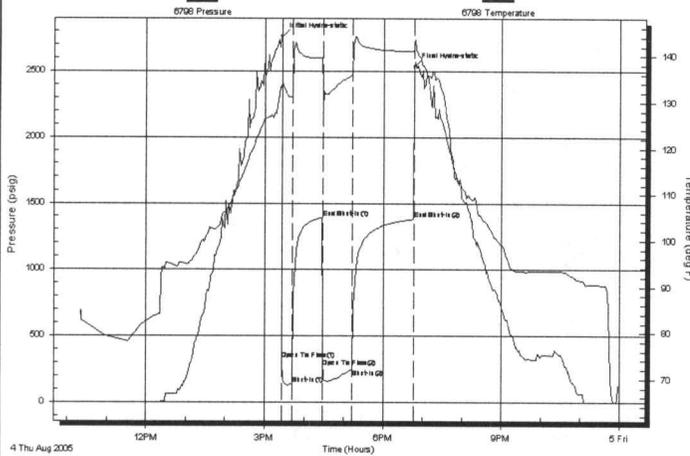
Inside

Press@RunDepth: 251.61 psig @ 5511.00 ft (KB)
 Start Date: 2005.08.04 End Date: 2005.08.04
 Start Time: 10:20:09 End Time: 23:57:53

Capacity: 7000.00 psig
 Last Calib.: 2005.08.04
 Time On Btm: 2005.08.04 @ 15:25:53
 Time Off Btm: 2005.08.04 @ 18:46:38

TEST COMMENT: B.O.B. @ open , G.T.S. in 2 min.
 1/4" in. return blow
 Gauging gas @ open
 Bleed off for 12 min. Return to B.O.B. in 10 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2756.05	134.00	Initial Hydro-static
1	324.31	134.29	Open To Flow (1)
17	137.27	131.13	Shut-In(1)
62	1391.57	139.63	End Shut-In(1)
62	331.06	128.29	Open To Flow (2)
108	251.61	136.01	Shut-In(2)
201	1379.63	141.11	End Shut-In(2)
201	2532.89	141.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	g & o c m 15%o 15%g 70%m	0.59
630.00	c g o 25%g 75%o	7.66

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	7.00	314.28
Last Gas Rate	0.25	3.00	25.95
Max. Gas Rate	0.75	8.00	328.97



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TOOL DIAGRAM

Strata Exploration Inc

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Job Ticket: 21336

DST#: 1

ATTN: Strata Exploration Inc, IL 62837

Test Start: 2005.08.04 @ 10:20:09

Tool Information

Drill Pipe:	Length: 5250.00 ft	Diameter: 3.80 inches	Volume: 73.64 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 74.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5510.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 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			5484.00	
Shut In Tool	5.00			5489.00	
Hydraulic tool	5.00			5494.00	
Jars	5.00			5499.00	
Safety Joint	2.00			5501.00	
Packer	5.00			5506.00	27.00 Bottom Of Top Packer
Packer	4.00			5510.00	
Stubb	1.00			5511.00	
Recorder	0.00	6798	Inside	5511.00	
Perforations	19.00			5530.00	
Recorder	0.00	11058	Outside	5530.00	
Bullnose	5.00			5535.00	25.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



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FLUID SUMMARY

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Job Ticket: 21336

DST#: 1

ATTN: Strata Exploration In, Il 62837

Test Start: 2005.08.04 @ 10:20:09

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

1900 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	g & o c m 15%o 15%g 70%m	0.590
630.00	c g o 25%g 75%o	7.662

Total Length: 750.00 ft

Total Volume: 8.252 bbl

Num Fluid Samples: 0

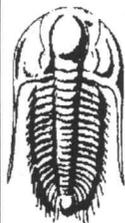
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

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Gas Rates Information

Temperature: 70 deg C

Relative Density: 0.72

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	5	0.75	7.00	314.28
1	10	0.75	8.00	328.97
1	15	0.75	6.00	299.60
2	5	0.50	8.00	142.07
2	10	0.50	7.00	135.73
2	15	0.50	4.00	116.70
2	20	0.50	3.00	110.36
2	25	0.50	2.00	104.02
2	30	0.25	4.00	27.45
2	35	0.25	4.00	27.45
2	40	0.25	3.00	25.95
2	45	0.25	3.00	25.95

Pressure vs. Time

