

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Starr F Schlobohm**

47 Michawanic Rd #3D
Sanbornville, NH 03872-3787

ATTN: John Driscoll

33-12s-17w Ellis

Staab NW#2

Start Date: 2005.02.17 @ 16:55:18

End Date: 2005.02.18 @ 00:33:47

Job Ticket #: 20793 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Starr F Schlobohm

Staab NW#2

33-12s-17w Ellis

DST # 1

LKC F-G

2005.02.17



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Sanbornville, NH 03872-3787
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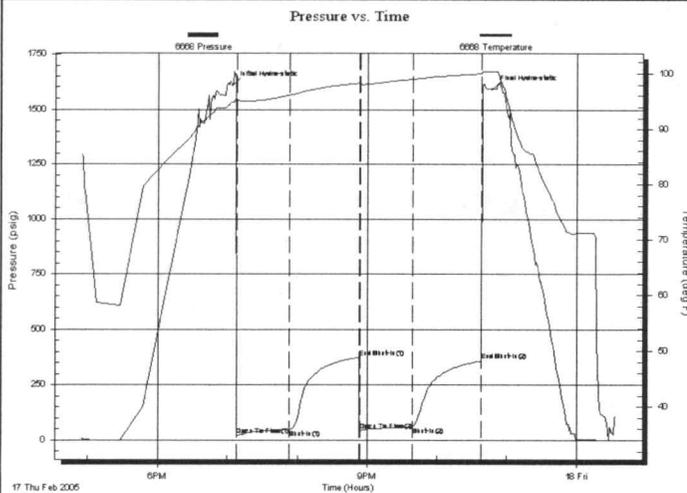
Staab NW#2
33-12s-17w Ellis
Job Ticket: 20793 **DST#: 1**
Test Start: 2005.02.17 @ 16:55:18

GENERAL INFORMATION:

Formation: **LKC F-G**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 19:07:47
Time Test Ended: 00:33:47
Interval: **3450.00 ft (KB) To 3486.00 ft (KB) (TVD)**
Total Depth: **3486.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **28**
Reference Elevations: **2129.00 ft (KB)**
2124.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6668 **Inside**
Press@RunDepth: **60.24 psig @ 3451.01 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.02.17** End Date: **2005.02.18** Last Calib.: **2005.02.18**
Start Time: **16:55:18** End Time: **00:33:47** Time On Btm: **2005.02.17 @ 19:04:17**
Time Off Btm: **2005.02.17 @ 22:47:47**

TEST COMMENT: IFP-wk to a fr bl 1/2" to 4" bl
FFP-wk bl thru-out 1/4" to 1 1/2" bl
Times 45-60-45-60



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.66	94.83	Initial Hydro-static
4	20.07	95.24	Open To Flow (1)
49	47.90	96.10	Shut-In(1)
109	373.05	98.25	End Shut-In(1)
110	43.77	98.13	Open To Flow (2)
155	60.24	98.98	Shut-In(2)
214	357.66	99.98	End Shut-In(2)
224	1592.26	100.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MGO 5%gas 60%oil 10%water 25%mud	0.70
30.00	O&GCMW 5gas 5oil 75water 15mud	0.42
0.00	160'GIP	0.00

Gas Rates

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



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TOOL DIAGRAM

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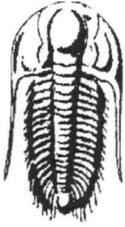
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Tool Information

Drill Pipe:	Length: 3436.00 ft	Diameter: 3.80 inches	Volume: 48.20 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: 60000.00 lb
			<u>Total Volume: 48.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 33000.00 lb
Depth to Top Packer:	3450.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.02 ft			
Tool Length:	57.02 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			3430.00	
Shut In Tool	5.00			3435.00	
Hydraulic tool	5.00			3440.00	
Packer	5.00			3445.00	21.00 Bottom Of Top Packer
Packer	5.00			3450.00	
Stubb	1.00			3451.00	
Recorder	0.01	6668	Inside	3451.01	
Perforations	32.00			3483.01	
Recorder	0.01	13534	Outside	3483.02	
Bullnose	3.00			3486.02	36.02 Bottom Packers & Anchor
Total Tool Length:	57.02				



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FLUID SUMMARY

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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:

67000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MGO 5%gas 60%oil 10%water 25%mud	0.701
30.00	O&GCMV 5gas 5oil 75water 15mud	0.421
0.00	160'GIP	0.000

Total Length: 80.00 ft Total Volume: 1.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.16@51F

Serial #: 6668

Inside

Starr F Schlobohm

33-12s-17w Ellis

DST Test Number: 1

