

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **TRI-Ex Pet.**

6051 N. Brookline #111B
Oklahoma City OK 73112

ATTN: Gary Wurdeman

5-33S-4W Sumner KS

Tracy #1

Start Date: 2001.07.30 @ 01:02:02

End Date: 2001.07.30 @ 05:12:47

Job Ticket #: 14812 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

TRI-Ex Pet.

Tracy #1

5-33S-4W Sumner KS

DST # 1

Tawanda

2001.07.30



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Tracy #1
5-33S-4W Sumner KS
Job Ticket: 14812 DST#: 1
Test Start: 2001.07.30 @ 01:02:02

GENERAL INFORMATION:

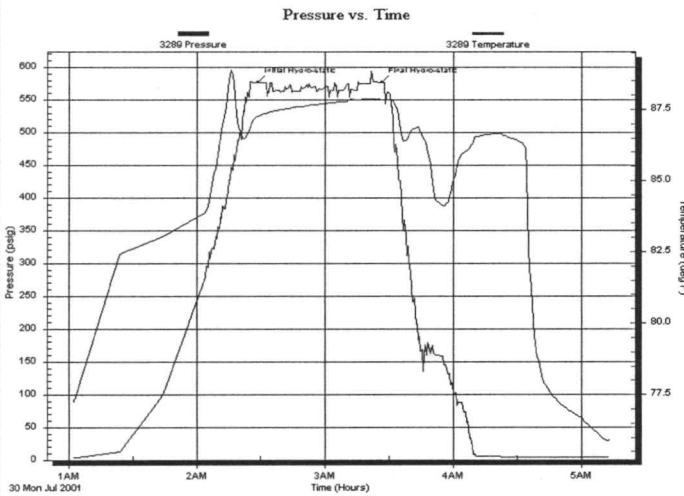
Formation: **Tawanda**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 05:12:47
 Interval: **1189.00 ft (KB) To 1206.00 ft (KB) (TVD)**
 Total Depth: 1230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle
 Tester: Lanny Saloga
 Unit No: 14
 Reference Elevations: 1283.00 ft (KB)
 1273.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 3289

Inside

Press@RunDepth: psig @ 1193.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2001.07.30 End Date: 2001.07.30 Last Calib.: 2001.01.03
 Start Time: 01:02:07 End Time: 05:12:47 Time On Btm: 2001.07.30 @ 02:28:32
 Time Off Btm: 2001.07.30 @ 03:26:32

TEST COMMENT: Actual well TD was 2475 ft. Tried to Hook at 1230 ft.
 Miss-run "Hook would not set." Tool was never opened.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	576.63	87.26	Initial Hydro-static
58	576.79	87.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Fluid "Tool never opened"	0.00

Gas Rates

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



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TOOL DIAGRAM

TRF-Ex Pet.
6051 N. Brookline #111B
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Tracy #1
5-33S-4W Sumner KS
Job Ticket: 14812 DST#: 1
Test Start: 2001.07.30 @ 01:02:02

Tool Information

Drill Pipe:	Length: 876.00 ft	Diameter: 3.80 inches	Volume: 12.29 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 0.00 lb
Drill Collar:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 bbl	Weight to Pull Loose: 0.00 lb
			Total Volume: 13.81 bbl	Tool Chased: ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 33000.00 lb
Depth to Top Packer:	1189.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	1206.00 ft			
Interval between Packers:	17.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

C.O. Sub	1.00			1163.00	
S.I. Tool	5.00			1168.00	
HMV	5.00			1173.00	
Jars	5.00			1178.00	
Safety Joint	2.00			1180.00	
Packer	4.00			1184.00	27.00 Bottom Of Top Packer
Packer	5.00			1189.00	
Stubb	1.00			1190.00	
Perforations	3.00			1193.00	
Recorder	0.00	3289	Inside	1193.00	
Perforations	10.00			1203.00	
Recorder	0.00	10242	Inside	1203.00	
Blank Off Sub	0.00			1203.00	
T.C.	3.00			1206.00	17.00 Tool Interval
Packer	1.00			1207.00	
Stubb	1.00			1208.00	
Perforations	21.00			1229.00	
Recorder	0.00	13630	Below	1229.00	
Stubb	1.00			1230.00	24.00 Bottom Packers & Anchor

Total Tool Length: 68.00



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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:	ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Fluid "Tool never opened"	0.000

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

Serial #: 3289

Inside

TRI-Ex Pet.

5-33S-4W Summer KS

DST Test Number: 1

