

15-007-22658

14-30s-14w

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TRILOBITE
TESTING, INC

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Woolsey Petl.Corp.

Landwehr Trust #1

14-30s-14w Barber Ks

DST #: 1

Miss.

2001.06.26

DRILL STEM TEST REPORT

Prepared For: **Woolsey Petl.Corp.**

125 N.Market Ste.1000
Wichita Ks.

ATTN: Mike Maune

14-30s-14w Barber Ks

Landwehr Trust #1

Start Date: 2001.06.26 @ 16:52:13

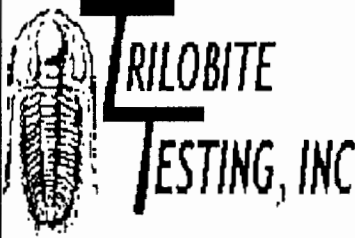
End Date: 2001.06.27 @ 01:14:42

Job Ticket #: 14070 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



DRILL STEM TEST REPORT

Woolsey Petl. Corp.
 125 N. Market Ste. 1000
 Wichita Ks.
 ATTN: Mike Maune

Landwehr Trust #1
 14-30s-14w Barber Ks
 Job Ticket: 14070 DST#: 1
 Test Start: 2001.06.26 @ 16:52:13

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GENERAL INFORMATION:

Formation: Miss.
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:54:42
 Time Test Ended: 01:14:42
 Interval: 4486.00 ft (KB) To 4530.00 ft (KB) (TVD)
 Total Depth: 4530.00 ft (KB)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole
 Tester: Gary Pevoteaux
 Unit No: 13
 Reference Elevations: 1912.00 ft (KB)
 1904.00 ft (CF)
 KB to GR/CF: 8.00 ft

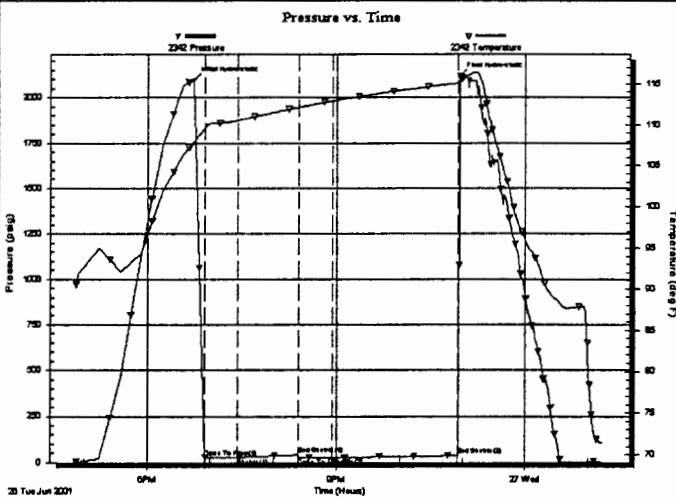
ORIGINAL

Serial #: 2342 Inside
 Press@RunDepth: 26.43 psig @ 4487.00 ft (KB)
 Start Date: 2001.06.26 End Date: 2001.06.27
 Start Time: 16:52:13 End Time: 01:14:42
 Capacity: 7000.00 psig
 Last Calib.: 2001.01.04
 Time On Btrnt: 2001.06.26 @ 18:44:12
 Time Off Btrnt: 2001.06.26 @ 22:57:12

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TEST COMMENT: IF: Weak blow . (1/4") Dead in 25 mins.
 IS: No blow .
 FF: No blow .
 FS: No blow .

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PRESSURE SUMMARY

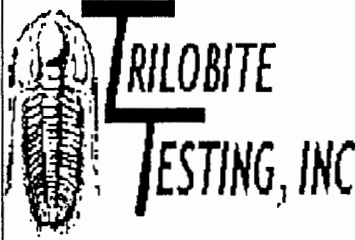
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
112	2098.10	107.97	Initial Hydro-static
123	24.33	109.66	Open To Flow (1)
154	25.42	110.53	Shut-In(1)
211	39.27	112.11	End Shut-In(1)
212	26.18	112.12	Open To Flow (2)
244	26.43	112.90	Shut-In(2)
363	34.57	115.06	End Shut-In(2)
365	2116.32	115.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig. mud	0.07

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Petl. Corp.

Landwehr Trust #1

125 N. Market Ste. 1000
Wichita Ks.

14-30s-14w Barber Ks

Job Ticket: 14070

DST#: 1

ATTN: Mike Maune

Test Start: 2001.06.26 @ 16:52:13

Tool Information

Drill Pipe:	Length: 4474.00 ft	Diameter: 3.80 inches	Volume: 62.76 bbl	Tool Weight: 2100.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
Drill Pipe Above KB:	10.00 ft			Tool Chased 1.00 ft
Depth to Top Packer:	4486.00 ft			String Weight: Initial 42000.00 lb
Depth to Bottom Packer:	ft			Final 43000.00 lb
Interval between Packers:	ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4465.00	
S.I. Tool	5.00			4470.00	
HMV	5.00			4475.00	
Jars	5.00			4480.00	
Safety Joint	2.00			4482.00	
Packer	4.00			4486.00	22.00 Bottom Of Top Packer
Packer	5.00			4491.00	
Stubb	1.00			4492.00	
Recorder	0.00	2342	Inside	4492.00	
Perforations	5.00			4497.00	
C.O. Sub	1.00			4498.00	
Blank Spacing	31.00			4529.00	
C.O. Sub	1.00			4530.00	
Recorder	0.00	10248	Outside	4530.00	
Bullnose	5.00			4535.00	49.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Petl. Corp.
125 N. Market Ste. 1000
Wichita Ks.
ATTN: Mike Maune

Landwehr Trust #1
14-30s-14w Barber Ks
Job Ticket: 14070 DST#: 1
Test Start: 2001.06.26 @ 16:52:13

Mud and Cushion Information

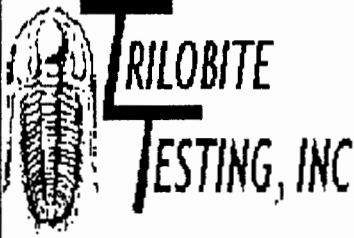
Mud Type: Gel Chem	Cushion Type:	Oil API: -999999 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 5000 ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig.mud	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #: 2342
 Laboratory Name: Laboratory Location:
 Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Woolsey Petl.Corp.

Landwehr Trust #1

125 N.Market Ste.1000
Wichita Ks.

14-30s-14w Barber Ks

Job Ticket: 14070

DST#: 1

ATTN: Mike Maune

Test Start: 2001.06.26 @ 16:52:13

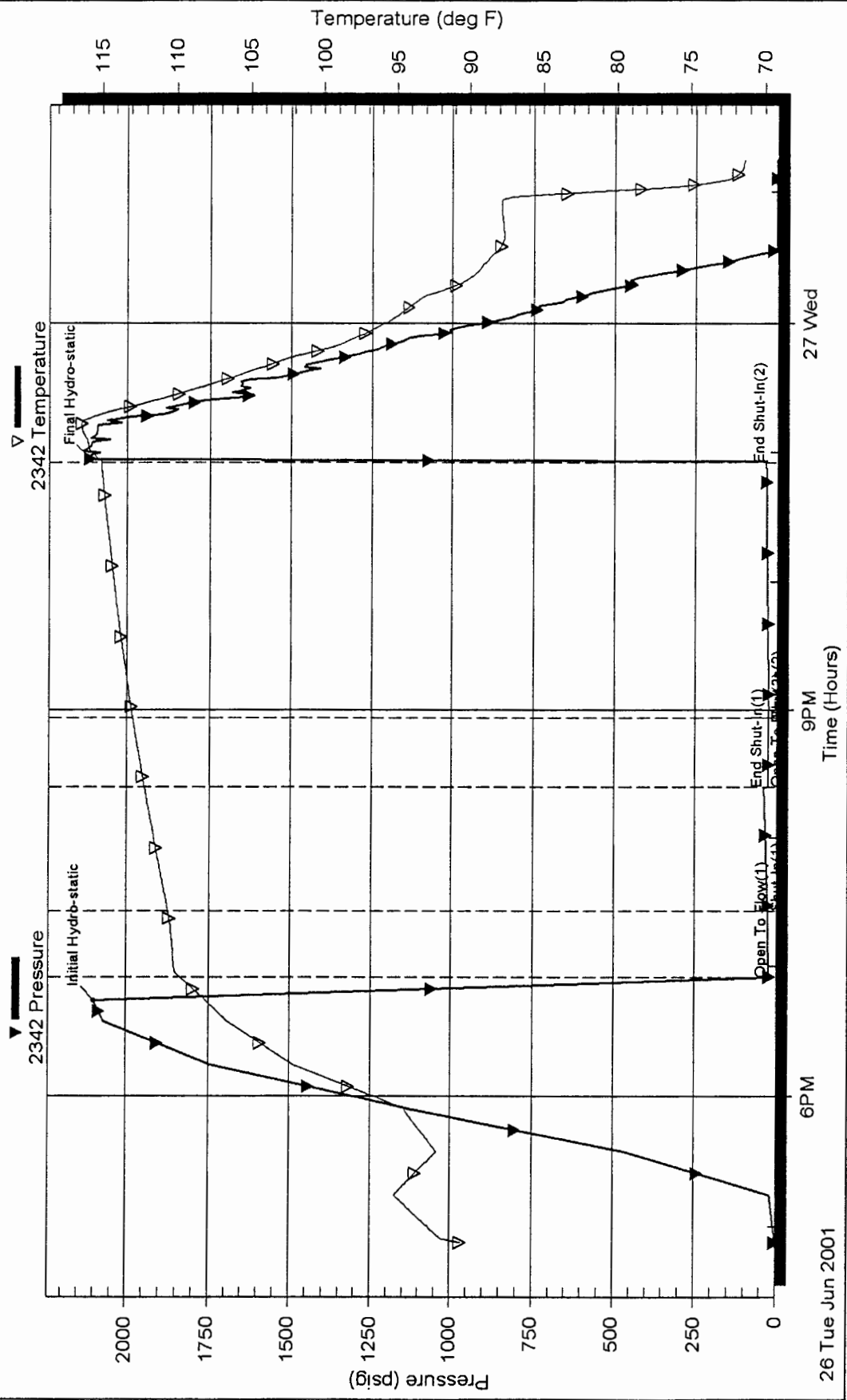
Gas Rates Information

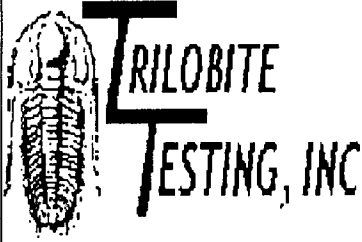
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (kPaa)	Gas Rate (Mcf/d)
			0.00	

Pressure vs. Time





DRILL STEM TESTING - DATA LISTING

Woolsey Petl.Corp.
 125 N.Market Ste.1000
 Wichita Ks.
 ATTN: Mke Maune

Landwehr Trust #1
 14-30s-14w Barber Ks
 Job Ticket: 14070 DST#: 1
 Test Start: 2001.06.26 @ 16:52:13

Serial # 2342	Inside					Serial # 2342	Inside				
Comments	Time (Min.)	Delta P (psig)	Pressure (psig)	Abscissa (T+dt)/dt	Temp. (deg F)	Comments	Time (Min.)	Delta P (psig)	Pressure (psig)	Abscissa (T+dt)/dt	Temp. (deg F)
	0.0		3.52		90.5		320.0	4.95	31.38	1.82	114.4
	0.8		3.36		91.2		345.0	6.80	33.22	1.62	114.8
	1.7		3.36		91.7		362.0	8.05	34.48	1.53	115.0
	92.0		1934.61		104.7		362.5	8.14	34.57	1.53	115.1
	102.0		2069.57		106.5	End Shut-In(2)	363.0		34.57		115.1
Initial Hydro-static	112.0		2098.10		108.0		363.5		34.15		115.1
Open To Flow (1)	122.5		24.33		109.7		364.0		2115.73		115.2
	123.0		24.41		109.8		364.5		2113.29		115.3
	123.5		24.41		109.9	Final Hydro-static	365.0		2116.32		115.3
	148.5		25.34		110.4		365.5		2116.48		115.4
	152.5		25.51		110.5		366.0		2114.80		115.5
	153.0		25.51		110.5		366.5		2113.97		115.5
Shut-In(1)	153.5	0.00	25.42		110.5		391.5		1780.69		111.7
	154.0	0.25	25.67	63.00	110.5		416.5		1228.11		99.6
	154.5	0.42	25.84	32.00	110.6		441.5		578.34		92.4
	155.0	0.59	26.01	21.67	110.6		466.5		3.44		87.7
	180.0	7.39	32.81	2.17	111.3		491.5		3.44		74.1
	205.0	12.76	38.18	1.60	112.0		502.5		3.78		71.4
	210.0	13.76	39.18	1.55	112.1						
	210.5	13.84	39.27	1.54	112.1						
End Shut-In(1)	211.0		39.27		112.1						
Open To Flow (2)	211.5		26.18		112.1						
	212.0		25.84		112.1						
	212.5		25.84		112.1						
	237.5		26.18		112.8						
	242.5		26.51		112.9						
	243.0		26.51		112.9						
Shut-In(2)	243.5	0.00	26.43		112.9						
	244.0	0.17	26.60	127.00	112.9						
	244.5	0.17	26.60	64.00	112.9						
	245.0	0.08	26.51	43.00	112.9						
	270.0	0.67	27.10	3.38	113.5						
	295.0	2.85	29.28	2.22	114.0						

Printing every 50 samples