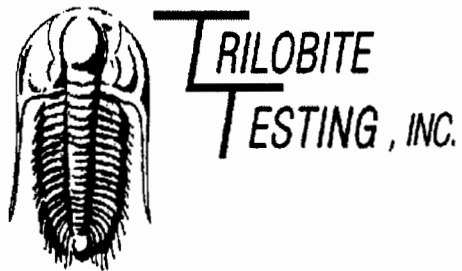


15-025-21227



DRILL STEM TEST REPORT

Prepared For: **Dunne Equities Oper Inc**

8100 E 22nd Street North #1100 Wichita KS
67226

ATTN: Dale Padgett

30-31S-23W Clark KS

Ford County Land #1-30

Start Date: 2001.08.25 @ 10:34:03

End Date: 2001.08.25 @ 20:02:33

Job Ticket #: 13424 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13424

DST#: 1

ATTN: Dale Padgett

Test Start: 2001.08.25 @ 10:34:03

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:22:18

Time Test Ended: 20:02:33

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **5203.00 ft (KB) To 5245.00 ft (KB) (TVD)**

Total Depth: 5245.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2392.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 3027

Inside

Press@RunDepth: 147.95 psig @ 5206.00 ft (KB)

Start Date: 2001.08.25

End Date:

2001.08.25

Capacity: 7000.00 psig

Last Calib.:

2001.01.27

Start Time: 10:34:05

End Time:

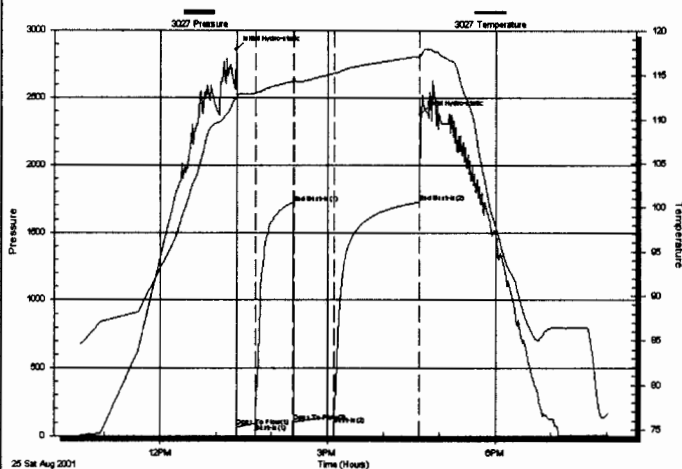
20:02:33

Time On Btm: 2001.08.25 @ 13:21:03

Time Off Btm: 2001.08.25 @ 16:39:03

TEST COMMENT: IF-weak blow built to 2 inches
IS- no blow back
FF-weak blow built to 1/2 inches
FS-no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2857.78	112.40	Initial Hydro-static
2	69.55	112.69	Open To Flow (1)
21	93.12	112.99	Shut-In(1)
62	1719.75	114.35	End Shut-In(1)
63	101.21	114.43	Open To Flow (2)
106	147.95	115.23	Shut-In(2)
198	1727.08	117.19	End Shut-In(2)
198	2381.43	117.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	5% G 20% M 75% W	0.30
61.00	5% G 45% W 50% M	0.30
61.00	5% G 5% W 95% M SOC	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13424

DST#: 1

ATTN: Dale Padgett

Test Start: 2001.08.25 @ 10:34:03

Tool Information

Drill Pipe:	Length: 4891.00 ft	Diameter: 3.80 inches	Volume: 68.61 bbl	Tool Weight: 1800.00 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 70.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	5203.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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C.O. Sub	1.00			5177.00	
S.I. Tool	5.00			5182.00	
HMV	5.00			5187.00	
Jars	5.00			5192.00	
Safety Joint	2.00			5194.00	
Packer	5.00			5199.00	27.00 Bottom Of Top Packer
Packer	4.00			5203.00	
Stubb	1.00			5204.00	
Perforations	2.00			5206.00	
Recorder	0.00	3027	Inside	5206.00	
Perforations	37.00			5243.00	
Recorder	0.00	11019	Outside	5243.00	
Bullnose	2.00			5245.00	42.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13424

DST#: 1

ATTN: Dale Padgett

Test Start: 2001.08.25 @ 10:34:03

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:

40000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	5% G 20% M 75% W	0.300
61.00	5% G 45% W 50% M	0.300
61.00	5% G 5% W 95% M SOC	0.300

Total Length: 183.00 ft Total Volume: 0.900 bbl

Num Fluid Samples: 0

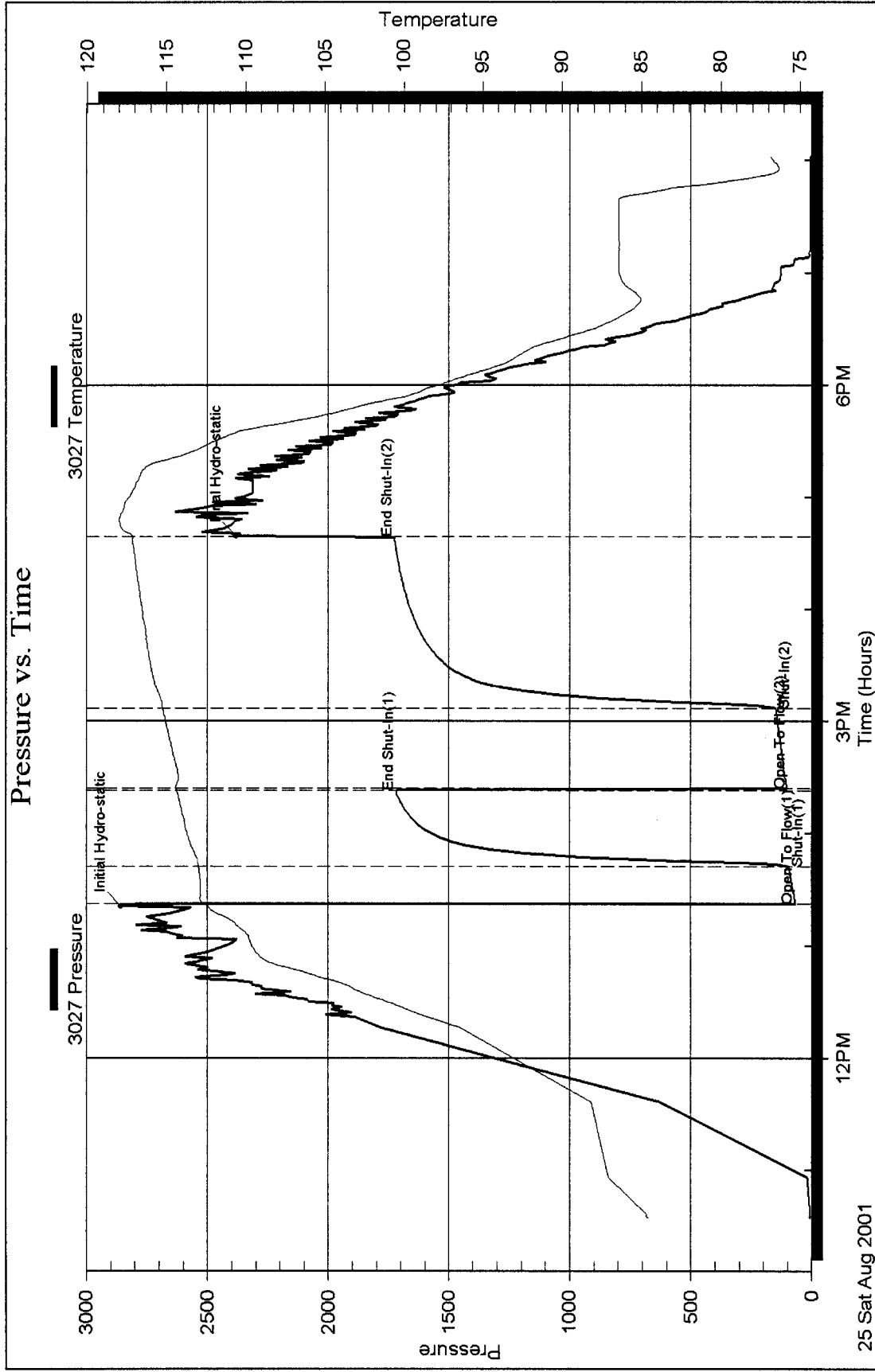
Num Gas Bombs: 0

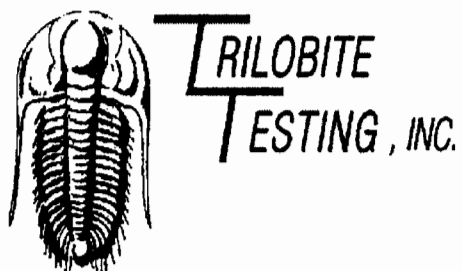
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .116 @ 80 deg Chlorides = 40000





DRILL STEM TEST REPORT

Prepared For: **Dunne Equities Oper Inc**

8100 E 22nd Street North #1100 Wichita KS
67226

ATTN: Dale Padgett

30-31S-23W Clark KS

Ford County Land #1-30

Start Date: 2001.08.27 @ 02:51:59

End Date: 2001.08.27 @ 10:23:44

Job Ticket #: 13425 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13425

DST#: 2

ATTN: Dale Padgett

Test Start: 2001.08.27 @ 02:51:59

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:24:29

Time Test Ended: 10:23:44

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **5404.00 ft (KB) To 5444.00 ft (KB) (TVD)**

Reference Elevations: 2392.00 ft (KB)

Total Depth: 5344.00 ft (KB) (TVD)

2380.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 3027

Inside

Press@RunDepth: 83.34 psig @ 5408.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2001.08.27

End Date:

2001.08.27

Last Calib.:

2001.01.27

Start Time: 02:52:01

End Time:

10:23:44

Time On Btm:

2001.08.27 @ 05:13:59

Time Off Btm:

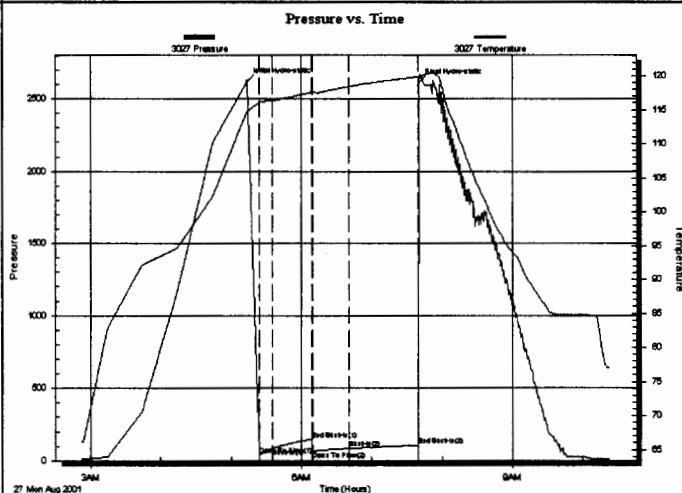
2001.08.27 @ 07:40:29

TEST COMMENT: IF-weak surface blow died off in 3 min

IS-no blow back

FF-no blow

FSI-no blow back



PRESSURE SUMMARY

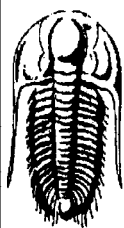
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2622.01	114.73	Initial Hydro-static
11	39.10	116.06	Open To Flow (1)
21	83.88	116.33	Shut-In(1)
55	147.40	117.58	End Shut-In(1)
56	63.75	117.60	Open To Flow (2)
87	83.34	118.43	Shut-In(2)
146	106.01	119.89	End Shut-In(2)
147	2615.10	119.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Mud	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13425

DST#: 2

ATTN: Dale Padgett

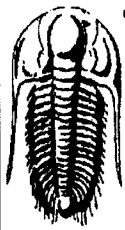
Test Start: 2001.08.27 @ 02:51:59

Tool Information

Drill Pipe:	Length: 5103.00 ft	Diameter: 3.80 inches	Volume: 71.58 bbl	Tool Weight: 1800.00 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 73.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	5404.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	68.00 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			5378.00	
S.I. Tool	5.00			5383.00	
HMV	5.00			5388.00	
Jars	5.00			5393.00	
Safety Joint	2.00			5395.00	
Packer	5.00			5400.00	27.00 Bottom Of Top Packer
Packer	4.00			5404.00	
Stubb	1.00			5405.00	
Perforations	3.00			5408.00	
Recorder	0.00	3027	Inside	5408.00	
Perforations	35.00			5443.00	
Recorder	0.00	11019	Outside	5443.00	
Bullnose	2.00			5445.00	41.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 13425

DST#: 2

ATTN: Dale Padgett

Test Start: 2001.08.27 @ 02:51:59

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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 12200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100% Mud	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

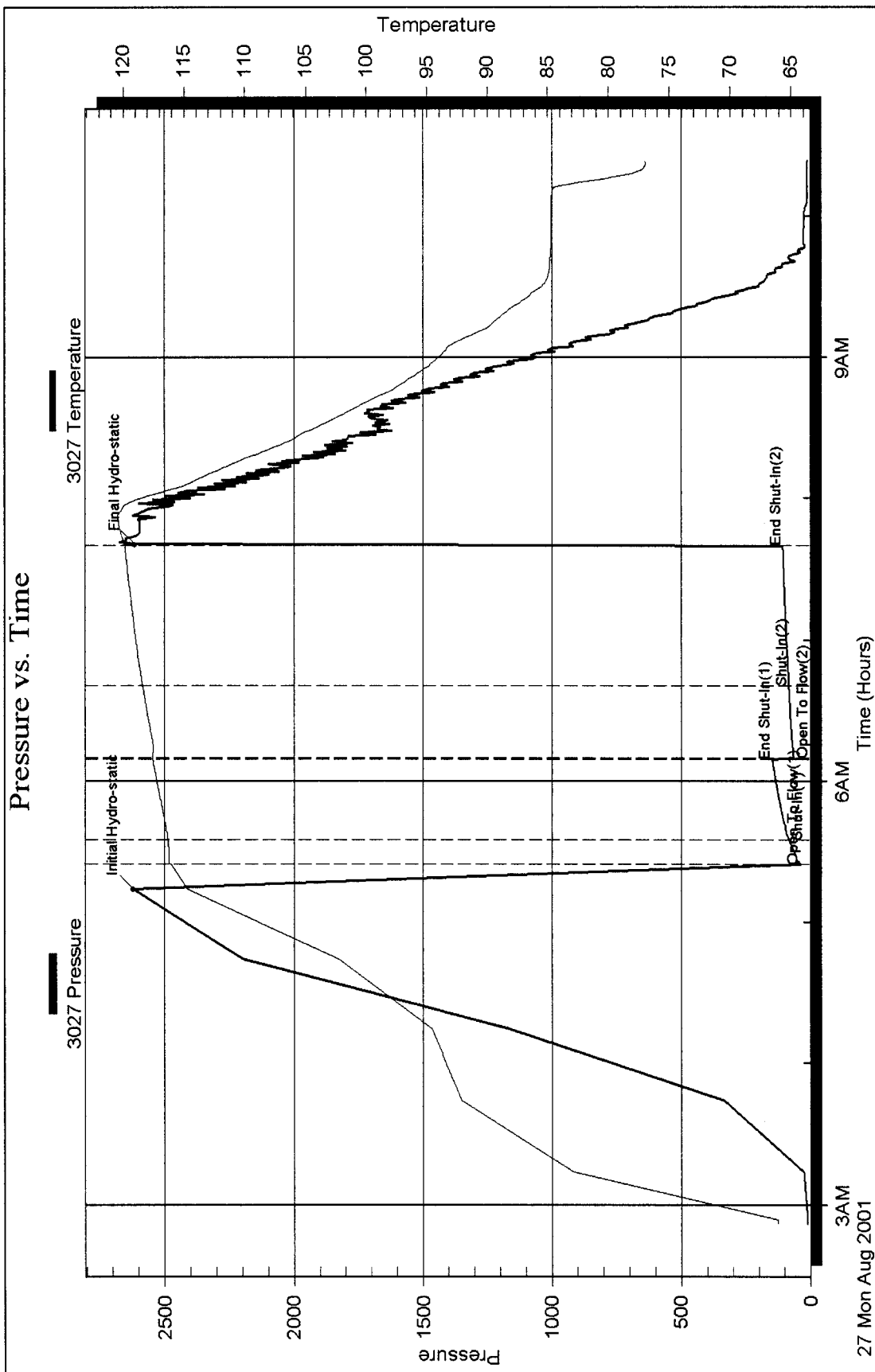
Num Gas Bombs: 0

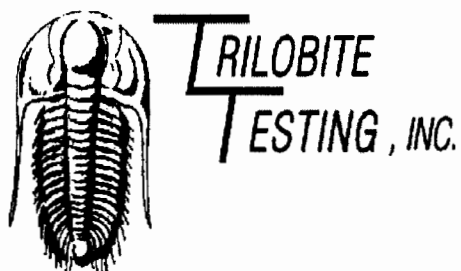
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Dunne Equities Oper Inc**

8100 E 22nd Street North #1100 Wichita KS
67226

ATTN: Dale Padgett

30-31S-23W Clark KS

Ford County Land #1-30

Start Date: 2001.08.31 @ 11:48:52

End Date: 2001.08.31 @ 22:03:37

Job Ticket #: 24262 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 24262

DST#: 3

ATTN: Dale Padgett

Test Start: 2001.08.31 @ 11:48:52

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:47:52

Time Test Ended: 22:03:37

Test Type: Conventional Bottom Hole

Tester: Jakki Kreklau

Unit No: 17

Interval: **6542.00 ft (KB) To 6762.00 ft (KB) (TVD)**

Total Depth: 6762.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2392.00 ft (KB)

2380.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 2341

Inside

Press@RunDepth: 165.03 psig @ 6543.00 ft (KB)

Start Date: 2001.08.31

End Date:

2001.08.31

Capacity: 7000.00 psig

Last Calib.: 2001.01.01

Start Time: 11:48:53

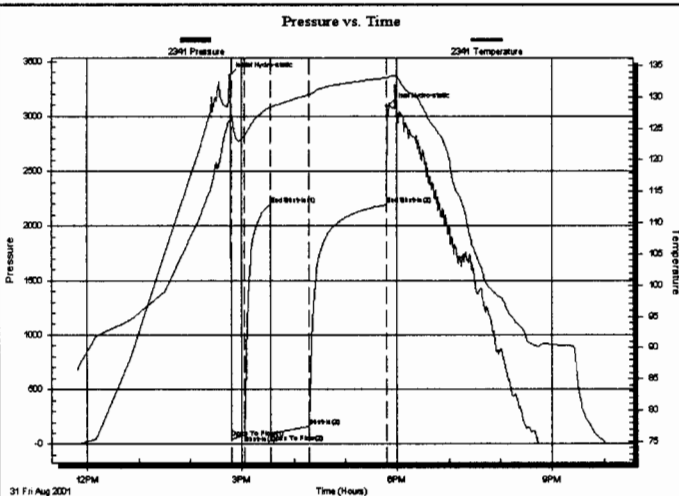
End Time:

22:03:37

Time On Btm: 2001.08.31 @ 14:45:52

Time Off Btm: 2001.08.31 @ 17:48:37

TEST COMMENT: IF- fair blow built to 1/2 blow
IS- no blow back
FF- fair blow built to 1 1/2 blow
FSI- no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3366.65	126.26	Initial Hydro-static
2	56.15	126.76	Open To Flow (1)
18	84.37	123.93	Shut-in(1)
47	2195.20	128.41	End Shut-in(1)
48	92.22	128.44	Open To Flow (2)
92	165.03	130.38	Shut-in(2)
182	2195.12	133.04	End Shut-in(2)
183	3088.75	133.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	salty drilg mud 100% mud	0.20
160.00	drilg mud w/ oily spots 99% mud 1%oil	0.79
50.00	salty drilg mud w/ oily spots 85% mud	50.25

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 24262

DST#: 3

ATTN: Dale Padgett

Test Start: 2001.08.31 @ 11:48:52

Tool Information

Drill Pipe:	Length: 6229.00 ft	Diameter: 3.80 inches	Volume: 87.38 bbl	Tool Weight: 1800.00 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: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 88.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	6542.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	220.00 ft			
Tool Length:	246.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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S.I. Tool	5.00			6521.00	
HMV	5.00			6526.00	
Jars	5.00			6531.00	
Safety Joint	2.00			6533.00	
Packer	5.00			6538.00	26.00 Bottom Of Top Packer
Packer	4.00			6542.00	
Stubb	1.00			6543.00	
Recorder	0.00	2341	Inside	6543.00	
Perforations	17.00			6560.00	
C.O. Sub	1.00			6561.00	
Blank Spacing	187.00			6748.00	
C.O. Sub	1.00			6749.00	
Perforations	10.00			6759.00	
Recorder	0.00	13278	Inside	6759.00	
Bullnose	3.00			6762.00	220.00 Bottom Packers & Anchor

Total Tool Length: 246.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dunne Equities Oper Inc

Ford County Land #1-30

8100 E 22nd Street North #1100 Wichita KS 67226

30-31S-23W Clark KS

Job Ticket: 24262

DST#: 3

ATTN: Dale Padgett

Test Start: 2001.08.31 @ 11:48:52

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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	salty drilg mud 100% mud	0.197
160.00	drilg mud w / oily spots 99% mud 1%oil	0.787
50.00	salty drilg mud w / oily spots 85% mud 15	0.246

Total Length: 250.00 ft

Total Volume: 1.230 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

30-31S-23W Clark KS

Dunne Equities Oper Inc

Inside

Serial #: 2341

