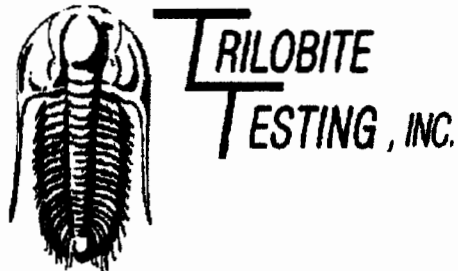


15-095-21924

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MAR 10 2005
CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TEST REPORT

Prepared For: **Molitor Oil, Company.**

9517 SW. 80th Avenue
Spivey, Kansas. 76142

ATTN: Ted McHenry

31-29S-8W

Cross #1

Start Date: 2004.11.17 @ 02:44:57

End Date: 2004.11.17 @ 11:45:42

Job Ticket #: 19205

DST # 1

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

Molitor Oil, Company.

Cross #1

31-29S-8W

DST # 1

Swope

2004.11.17



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Molitor Oil Company
9517 SW.80th Avenue
Spivey, Kansas. 76142
ATTN: Ted McHenry

Cross #1
31-29S-8W
Job Ticket: 19205 **DST#: 1**
Test Start: 2004.11.17 @ 02:44:57

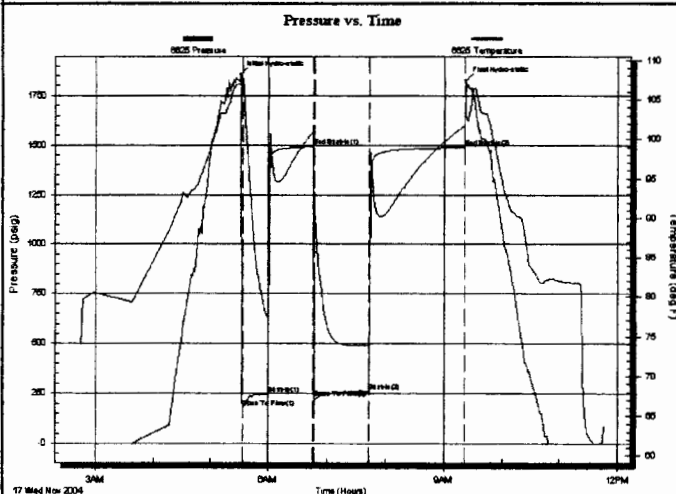
GENERAL INFORMATION:

Formation: **Swope**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 05:32:42
Time Test Ended: 11:45:42
Interval: **3815.00 ft (KB) To 3836.00 ft (KB) (TVD)**
Total Depth: 3836.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Darren L. Amerine
Unit No: 30
Reference Elevations: 1570.00 ft (KB)
1562.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6625

Press@RunDepth: 261.53 psig @ ft (KB)
Start Date: 2004.11.17 End Date: 2004.11.17
Start Time: 02:44:57 End Time: 11:45:42
Capacity: 7000.00 psig
Last Calib.: 2004.11.17
Time On Btm: 2004.11.17 @ 05:30:27
Time Off Btm: 2004.11.17 @ 09:21:57

TEST COMMENT: IF: Strong blow b.o.b in 10 sec. GTS in 3 mins. Gauge gas.
IS: Bled down for 12 mins. weak surface blow back.
FF: Strong blow b.o.b in 10 sec. Gauge gas.
FS: Bled down for 10 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1856.00	106.99	Initial Hydro-static
3	177.37	107.44	Open To Flow (1)
29	247.50	77.36	Shut-In (1)
76	1492.58	101.01	End Shut-In (1)
77	228.52	89.23	Open To Flow (2)
133	261.53	73.84	Shut-In (2)
231	1489.16	101.70	End Shut-In (2)
232	1827.25	103.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3580' of gip	0.00
90.00	SG&MCW 10% gas 80% water 10% mud	0.44
120.00	SG&WCM 10% gas 20% water 70% mud	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	45.00	927.82
Last Gas Rate		0.00	
Max. Gas Rate	0.75	81.00	1490.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas. 76142

31-29S-8W

Job Ticket: 19205

DST#: 1

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 02:44:57

Tool Information

Drill Pipe:	Length: 3494.42 ft	Diameter: 3.80 inches	Volume: 49.02 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 296.58 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	50.48 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3815.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	50.00 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			3787.00	
Shut In Tool	5.00			3792.00	
Hydraulic tool	5.00			3797.00	
Jars	5.00			3802.00	
Safety Joint	3.00			3805.00	
Packer	5.00			3810.00	29.00 Bottom Of Top Packer
Packer	5.00			3815.00	
Stubb	2.00			3817.00	
Recorder	0.00	6625	Inside	3817.00	
Anchor	16.00			3833.00	
Recorder	0.00	10332	Outside	3833.00	
Bullnose	3.00			3836.00	21.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas. 76142

31-29S-8W

Job Ticket: 19205

DST#: 1

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 02:44:57

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:

120000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3580' of gip	0.000
90.00	SG&MCW 10%gas 80%water 10%mud	0.443
120.00	SG&WCM 10%gas 20%water 70%mud	0.590

Total Length: 210.00 ft Total Volume: 1.033 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .08@70'degrees=120000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas.76142

31-29S-8W

Job Ticket: 19205

DST#: 1

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 02:44:57

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	8	0.75	45.00	927.82
1	13	0.75	55.00	1084.02
1	18	0.75	58.00	1130.88
1	23	0.75	61.00	1177.74
1	28	0.75	62.00	1193.36
2	10	0.75	71.00	1333.94
2	20	0.75	76.00	1412.04
2	30	0.75	80.00	1474.51
2	40	0.75	80.00	1474.51
2	50	0.75	80.00	1474.51
2	60	0.75	81.00	1490.13
0	0	-999999.00	0.00	-999999.00

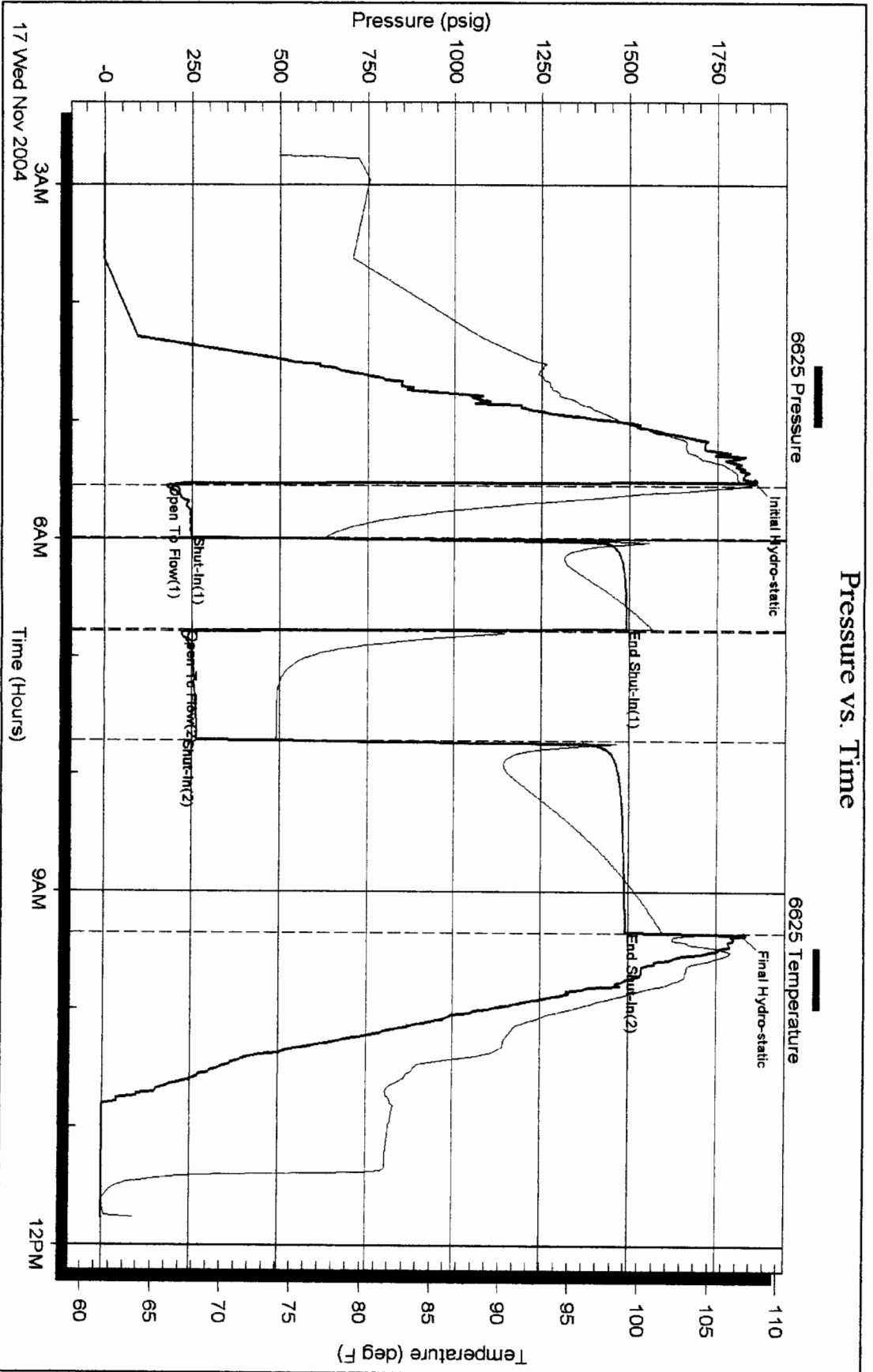
Serial #: 6625

Molitor Oil Company

31-29S-8W

DST Test Number: 1

Pressure vs. Time



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WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Molitor Oil, Company.**

9517 SW.80th Avenue
Spivey, Kansas 76142

ATTN: Ted McHenry

31-29S-8W

Cross #1

Start Date: 2004.11.17 @ 21:22:00

End Date: 2004.11.18 @ 06:22:57

Job Ticket #: 19206

DST # 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

DST #2


TRILOBITE
 TESTING, INC.

DRILL STEM TEST REPORT

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas. 76142

31-29S-8W

Job Ticket: 19206

DST #2

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 21:22:00

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:04:12

Time Test Ended: 06:22:57

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 30

Interval: 3867.00 ft (KB) To 3877.00 ft (KB) (TVD)

Total Depth: 3877.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1570.00 ft (KB)

1562.00 ft (CF)

KB to GRACE: 8.00 ft

Serial #: 6625

Press@RunDepth: 254.96 psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.11.17

End Date:

2004.11.18

Last Calib.: 2004.11.18

Start Time: 21:22:00

End Time:

06:22:57

Time On Btm: 2004.11.17 @ 22:53:57

Time Off Btm: 2004.11.18 @ 02:49:57

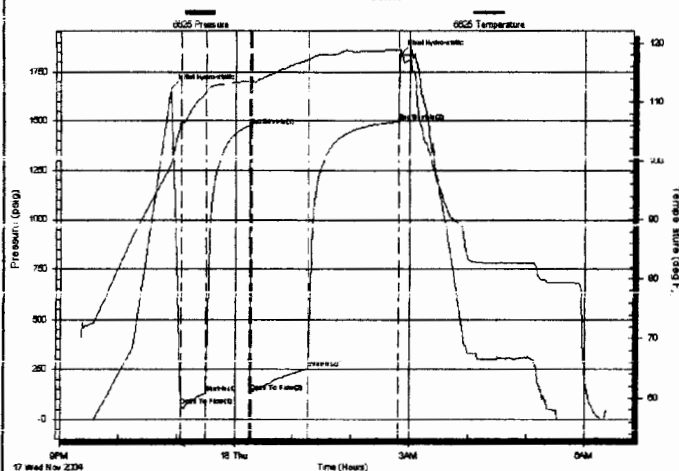
TEST COMMENT: IF: Weak blow built to strong blow b.o.b in 30 sec. GTS in 12 mins. Gauge gas.

IS: Bled down for 20 mins. built back to 2 1/2" in H2O bucket

FF: Strong blow b.o.b 30 sec. gauge gas.

FS: Bled down for 60

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.11	99.26	Initial Hydro-static
11	66.33	106.71	Open To Flow (1)
36	131.62	111.57	Shut-In (1)
81	1474.55	113.54	End Shut-In (1)
83	138.10	113.57	Open To Flow (2)
142	254.96	117.25	Shut-In (2)
235	1496.89	118.87	End Shut-In (2)
236	1837.45	118.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2754' of gip	0.00
120.00	H&M Oil 20% gas 20% oil 40% water 20% sand	
980.00	free oil	12.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mscf/D)
First Gas Rate	0.25	4.10	29.35
Last Gas Rate		0.00	
Max. Gas Rate	0.25	8.00	35.54



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Molitor Oil Company

Cross #1

9517 SW.80th Avenue
Spivey, Kansas.76142

31-29S-8W

Job Ticket: 19206

DST #. 2

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 21:22:00

Tool Information

Drill Pipe:	Length: 3558.42 ft	Diameter: 3.80 inches	Volume: 49.92 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 296.58 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Bullnose:	80000.00 lb
			Total Volume: 51.38 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3857.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	20.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3829.00	
Shut In Tool	5.00			3834.00	
Hydraulic tool	5.00			3839.00	
Jars	5.00			3844.00	
Safety Joint	3.00			3847.00	
Packer	5.00			3852.00	29.00 Bottom Of Top Packer
Packer	5.00			3857.00	
Stubb	2.00			3859.00	
Recorder	0.00	6625	Inside	3859.00	
Anchor	15.00			3874.00	
Recorder	0.00	10332	Outside	3874.00	
Bullnose	3.00			3877.00	20.00 Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Solivev, Kansas.76142

31-29S-8W

JOB TICKET: 19206

DST# 2

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 21:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

14000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: 1.00 ohm-in

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	2754' of gip	0.000
120.00	HG&MCW 20%gas 20%oil 40%water 20%me	0.590
980.00	free oil	12.138

Total Length: 1100.00 ft Total Volume: 12.728 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: .07 @ 65"degrees=140000



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas.76142

31-29S-8W

JOB TICKET: 19206

DOT# 2

ATTN: Ted McHenry

Test Start: 2004.11.17 @ 21:22:00

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

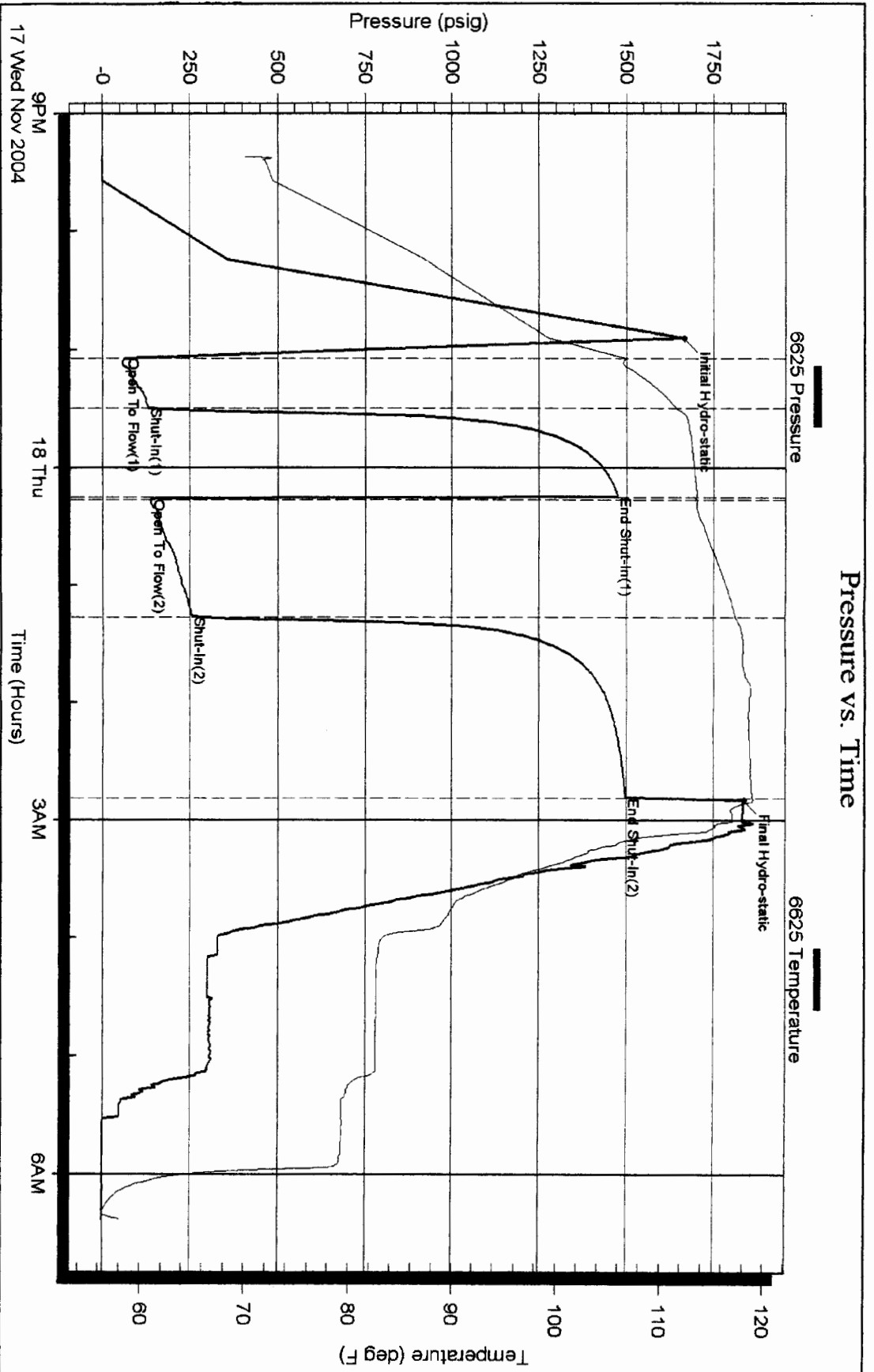
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	17	0.25	4.10	29.35
1	22	0.25	6.00	32.36
1	27	0.25	7.50	34.74
1	30	0.25	8.00	35.54
2	10	0.13	0.40	5.54
2	20	0.13	0.60	5.61
2	30	0.13	0.50	5.58
2	40	0.13	0.40	5.54
2	50	0.13	0.50	5.58
2	60	0.13	0.50	5.58
0	0	-999999.00	0.00	-999999.00

Serial #: 6625

Mobil Oil Company

31-29S-8W

DST Test Number: 2



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CONSERVATION DIVISION
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Molitor Oil, Company.**

9517 SW.80th Avenue
Spivey, Kansas. 76142

ATTN: Ted McHenry

31-29S-8W

Cross #1

Start Date: 2004.11.19 @ 08:28:09

End Date: 2004.11.19 @ 16:04:54

Job Ticket #: 19207

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

Molitor Oil Company
9517 SW.80th Avenue
Soivev, Kansas.76142
ATTN: Ted McHenry

Cross #1

31-29S-8W

Job Ticket: 19207

DST #. 3

Test Start: 2004.11.19 @ 08:28:09

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 10:42:54

Time Test Ended: 16:04:54

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 30

Interval: **4132.00 ft (KB) To 4155.00 ft (KB) (TVD)**

Total Depth: 4155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1570.00 ft (KB)

1562.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Press@RunDepth: 21.08 psig @ ft (KB)

Start Date: 2004.11.19

End Date:

2004.11.19

Start Time: 08:28:09

End Time:

16:04:54

Capacity: 7000.00 psig

Last Calib.: 2004.11.19

Time On Btm: 2004.11.19 @ 10:41:54

Time Off Btm: 2004.11.19 @ 13:37:09

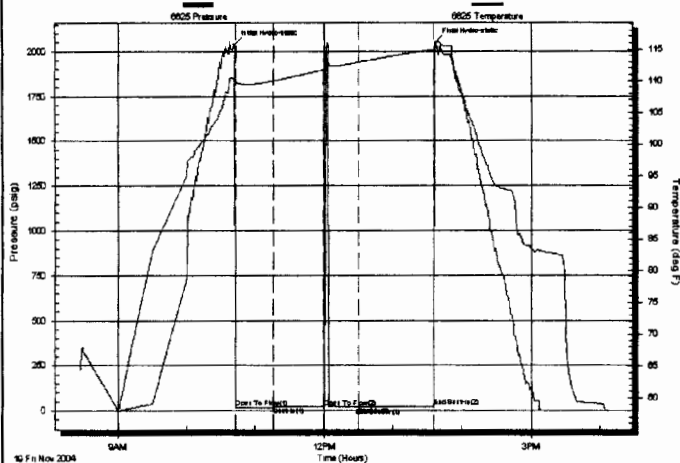
TEST COMMENT: IF: Weak surface blow built to 1/4-1/2" in H₂O bucket.

IS: Bled down for 5 mins. no blow back.

FF: No blow flush tool no blow.

FS: Bled down for 10 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2039.44	110.40	Initial Hydro-static
1	17.37	109.88	Open To Flow (1)
34	19.10	110.00	Shut-In (1)
78	20.37	111.75	End Shut-In (1)
78	17.65	111.78	Open To Flow (2)
108	21.08	112.97	Shut-In (2)
174	21.08	115.03	End Shut-In (2)
176	2050.00	116.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSGCM 8% gas 92% mud	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Molitor Oil Company

Cross #1

9517 SW.80th Avenue
Spivey, Kansas. 76142

31-29S-8W

Job Ticket: 19207

DST#: 3

ATTN: Ted McHenry

Test Start: 2004.11.19 @ 08:28:09

Tool Information

Drill Pipe:	Length: 3810.42 ft	Diameter: 3.80 inches	Volume: 53.45 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 296.58 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Pull Loose:	70000.00 lb
			Total Volume: 54.91 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4132.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	23.00 ft				
Tool Length:	51.00 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	0.00			4104.00	
Shut In Tool	5.00			4109.00	
Hydraulic tool	5.00			4114.00	
Jars	5.00			4119.00	
Safety Joint	3.00			4122.00	
Packer	5.00			4127.00	28.00 Bottom Of Top Packer
Packer	5.00			4132.00	
Stubb	1.00			4133.00	
Anchor	6.00			4139.00	
Recorder	0.00	6625	Inside	4139.00	
Anchor	13.00			4152.00	
Recorder	0.00	10991	Outside	4152.00	
Bullnose	3.00			4155.00	23.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Molitor Oil Company.

Cross #1

9517 SW.80th Avenue
Spivey, Kansas. 76142

31-29S-8W

JUL TUNEL 19207

DOT #. 3

ATTN: Ted McHenry

Test Start: 2004.11.19 @ 08:28:09

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.40 in³

Gas Cushion Type:

Resistivity: 0.90 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSGCM 8%gas 92%mud	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

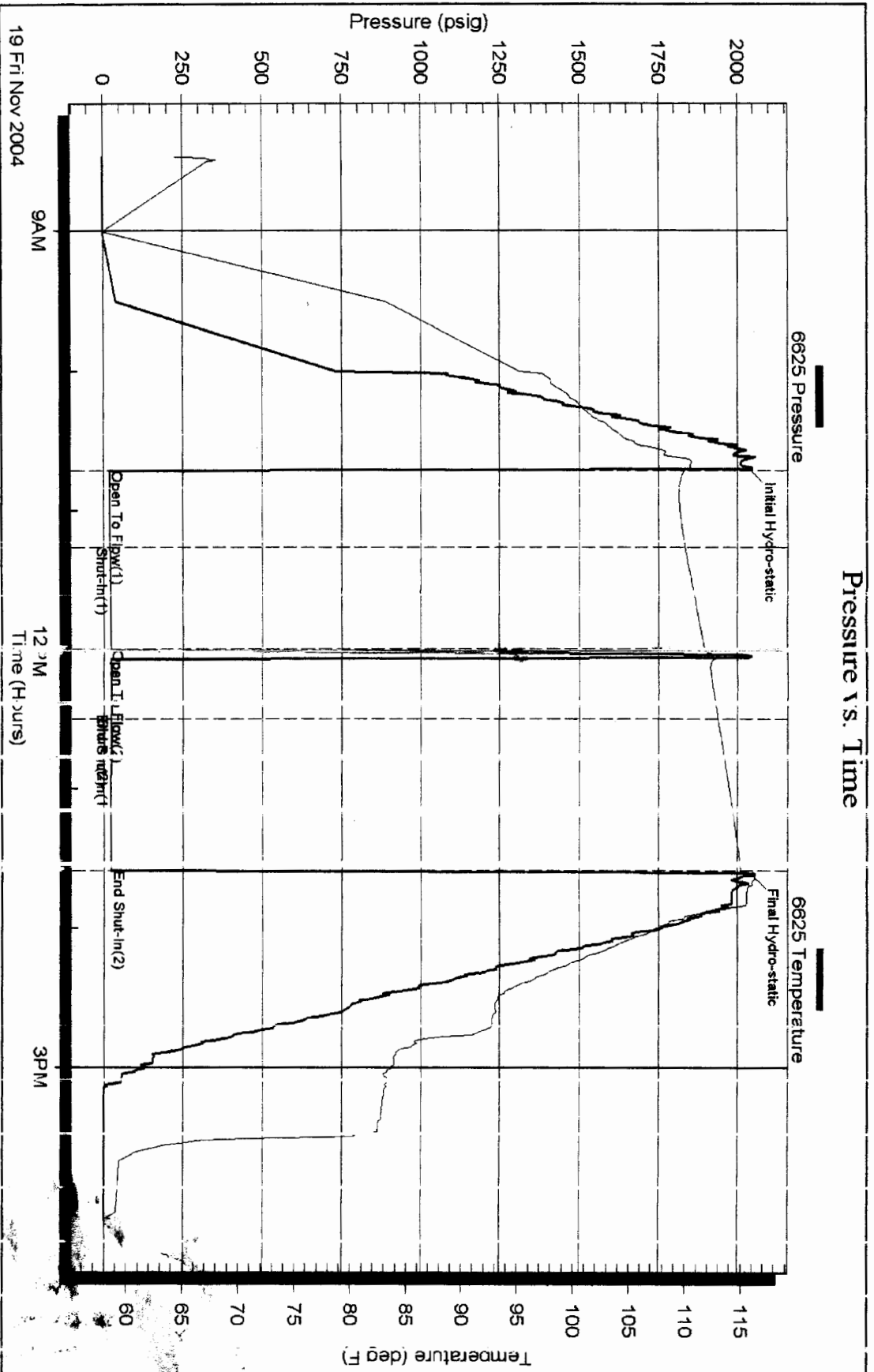
Serial #: 6625

Mottor Oil Company

31-29S-8V

DST Test Number: 3

Pressure v.s. Time



Tribble Testing, Inc

Ref. No: 19207

Printed: 2004 11 19 (2) 17:05:08 Page 1