



DRILL STEM TEST REPORT

Prepared For: **Dixon-Dearmore Oil Company Inc**

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

18-30s-10w

Rolf Land #1

Start Date: 2003.11.18 @ 12:23:04

End Date: 2003.11.18 @ 19:47:34

Job Ticket #: 17985 . 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

Dixon-Dearmore Oil Company Inc

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

Rolf Land #1

18-30s-10w

Job Ticket: 17985

DST#: 1

Test Start: 2003.11.18 @ 12:23:04

GENERAL INFORMATION:

Formation: **Elgin**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:28:49

Time Test Ended: 19:47:34

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3466.00 ft (KB) To 3545.00 ft (KB) (TVD)**

Total Depth: 3545.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1794.00 ft (KB)

1789.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3310 Inside

Press@RunDepth: 752.61 psig @ 3532.00 ft (KB)

Start Date: 2003.11.18

End Date:

2003.11.18

Start Time: 12:23:05

End Time:

19:47:34

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.11.18 @ 14:20:49

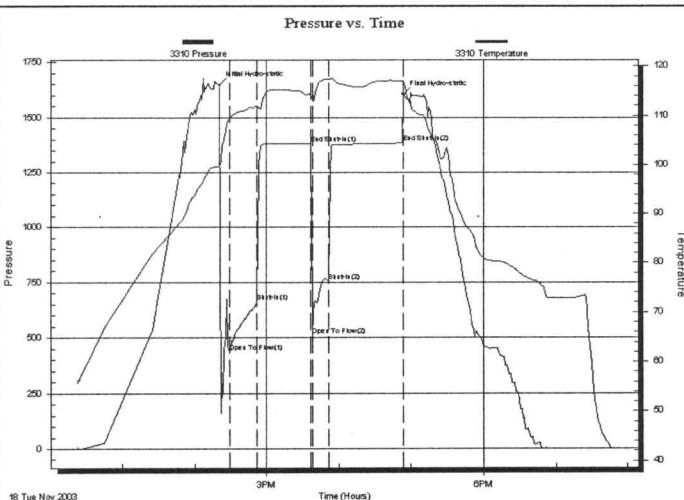
Time Off Btm: 2003.11.18 @ 16:53:19

TEST COMMENT: IF-Strong blow O.B.B. in 1min 15sec: GTS in 9min

IS- No blow

FF- Strong blow O.B.B. as soon as tool opened;(took 8min to for gas to pressure up gauge)

FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1646.04	99.60	Initial Hydro-static
8	433.65	109.37	Open To Flow (1)
31	660.68	111.83	Shut-In (1)
76	1381.80	114.09	End Shut-In (1)
78	507.87	112.96	Open To Flow (2)
91	752.61	117.39	Shut-In (2)
153	1383.57	116.93	End Shut-In (2)
153	1603.64	116.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GCM 84%Mud 16%Gas	1.23
682.00	GCMW 40%Mud 34%Water 26%Gas	9.57

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	13.00	427.98
Last Gas Rate	0.75	120.00	2099.31
Max. Gas Rate	0.75	120.00	2099.31



TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17985

DST#: 1

ATTN: Tom Williams

Test Start: 2003.11.18 @ 12:23:04

Tool Information

Drill Pipe:	Length: 3224.00 ft	Diameter: 3.80 inches	Volume: 45.22 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 82000.00 lb
			Total Volume: 46.43 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3466.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 ft			
Tool Length:	106.00 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			3440.00	
Shut In Tool	5.00			3445.00	
Hydraulic tool	5.00			3450.00	
Jars	5.00			3455.00	
Safety Joint	2.00			3457.00	
Packer	4.00			3461.00	27.00 Bottom Of Top Packer
Packer	5.00			3466.00	
Stubb	1.00			3467.00	
Change Over Sub	1.00			3468.00	
Blank Spacing	63.00			3531.00	
Change Over Sub	1.00			3532.00	
Recorder	0.00	3310	Inside	3532.00	
Perforations	11.00			3543.00	
Recorder	0.00	13630	Outside	3543.00	
Bullnose	2.00			3545.00	79.00 Bottom Packers & Anchor

Total Tool Length: 106.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17985

DST#: 1

ATTN: Tom Williams

Test Start: 2003.11.18 @ 12:23:04

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:

70000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.15 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	GCM 84%Mud 16%Gas	1.229
682.00	GCMW 40%Mud 34%Water 26%Gas	9.567

Total Length: 930.00 ft Total Volume: 10.796 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Picking up lots of fluid with gas (13.5bbls of fluid in 45min)



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DRILL STEM TEST REPORT

GAS RATES

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17985

DST#: 1

ATTN: Tom Williams

Test Start: 2003.11.18 @ 12:23:04

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	10	0.75	13.00	427.98
1	15	0.75	17.00	490.46
1	20	0.75	21.00	552.94
1	25	0.75	25.00	615.42
1	30	0.75	27.00	646.66
2	10	0.75	120.00	2099.31

DST Test Number: 1

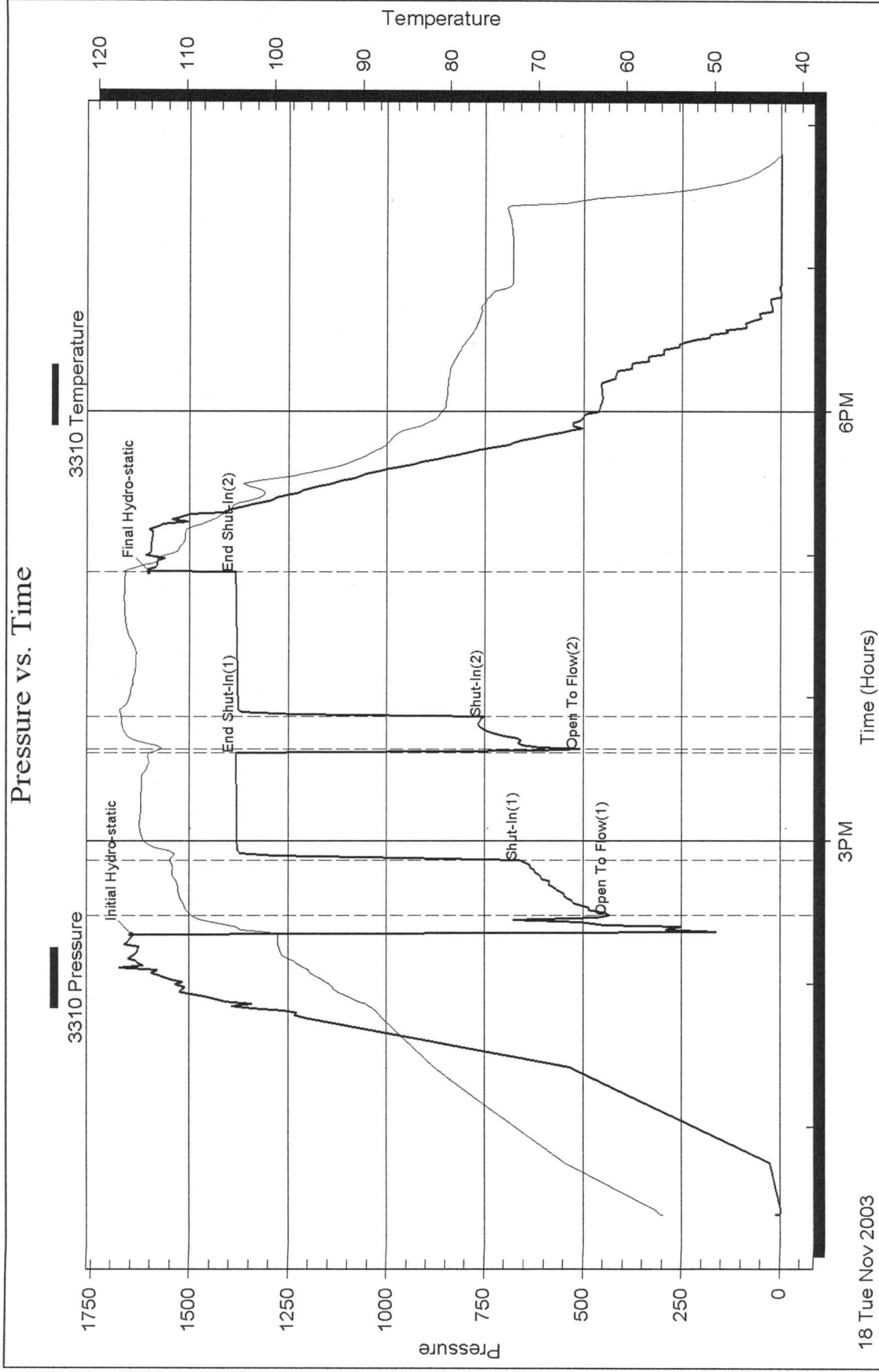
18-30s-10w

Dixon-Dearmore Oil Company Inc

Inside

Serial #: 3310

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Dixon-Dearmore Oil Company Inc**

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

18-30s-10w

Rolf Land #1

Start Date: 2003.11.19 @ 11:37:34

End Date: 2003.11.19 @ 16:10:49

Job Ticket #: 17986 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
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DRILL STEM TEST REPORT

Dixon-Dearmore Oil Company Inc

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

Rolf Land #1

18-30s-10w

Job Ticket: 17986

DST#: 2

Test Start: 2003.11.19 @ 11:37:34

GENERAL INFORMATION:

Formation: **Snyderville**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:11:34

Time Test Ended: 16:10:49

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3617.00 ft (KB) To 3680.00 ft (KB) (TVD)**

Total Depth: 3680.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1794.00 ft (KB)

1789.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3310 Inside

Press@RunDepth: 37.89 psig @ 3652.00 ft (KB)

Start Date: 2003.11.19

End Date:

2003.11.19

Start Time: 11:37:35

End Time:

16:10:49

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.11.19 @ 13:11:19

Time Off Btm: 2003.11.19 @ 14:16:19

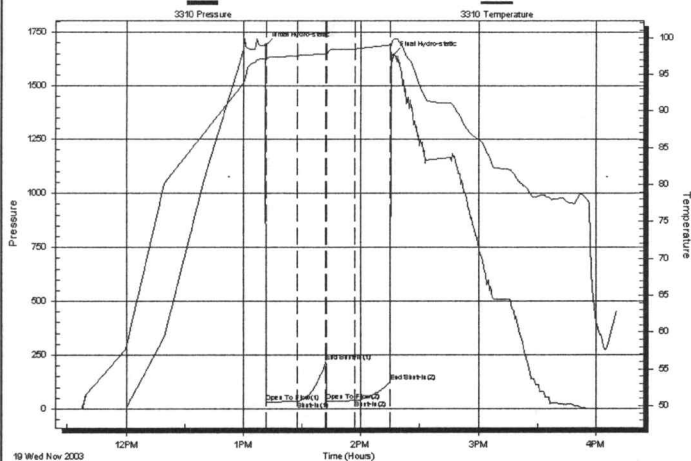
TEST COMMENT: IF-Weak surface blow throughout open

IS- No blow

FF-Weak surface blow dead in 9 min

FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.84	97.12	Initial Hydro-static
1	31.37	97.24	Open To Flow (1)
16	34.95	97.52	Shut-In (1)
31	220.20	97.77	End Shut-In (1)
32	36.01	97.83	Open To Flow (2)
46	37.89	98.46	Shut-In (2)
64	126.90	99.00	End Shut-In (2)
65	1643.02	99.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17986

DST#: 2

ATTN: Tom Williams

Test Start: 2003.11.19 @ 11:37:34

Tool Information

Drill Pipe:	Length: 3351.00 ft	Diameter: 3.80 inches	Volume: 47.01 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	48.22 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3617.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	90.00 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			3591.00	
Shut In Tool	5.00			3596.00	
Hydraulic tool	5.00			3601.00	
Jars	5.00			3606.00	
Safety Joint	2.00			3608.00	
Packer	4.00			3612.00	27.00 Bottom Of Top Packer
Packer	5.00			3617.00	
Stubb	1.00			3618.00	
Change Over Sub	1.00			3619.00	
Blank Spacing	32.00			3651.00	
Change Over Sub	1.00			3652.00	
Recorder	0.00	3310	Inside	3652.00	
Perforations	26.00			3678.00	
Recorder	0.00	13630	Outside	3678.00	
Bullnose	2.00			3680.00	63.00 Bottom Packers & Anchor

Total Tool Length: 90.00



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FLUID SUMMARY

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17986

DST#: 2

ATTN: Tom Williams

Test Start: 2003.11.19 @ 11:37:34

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:

6800 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

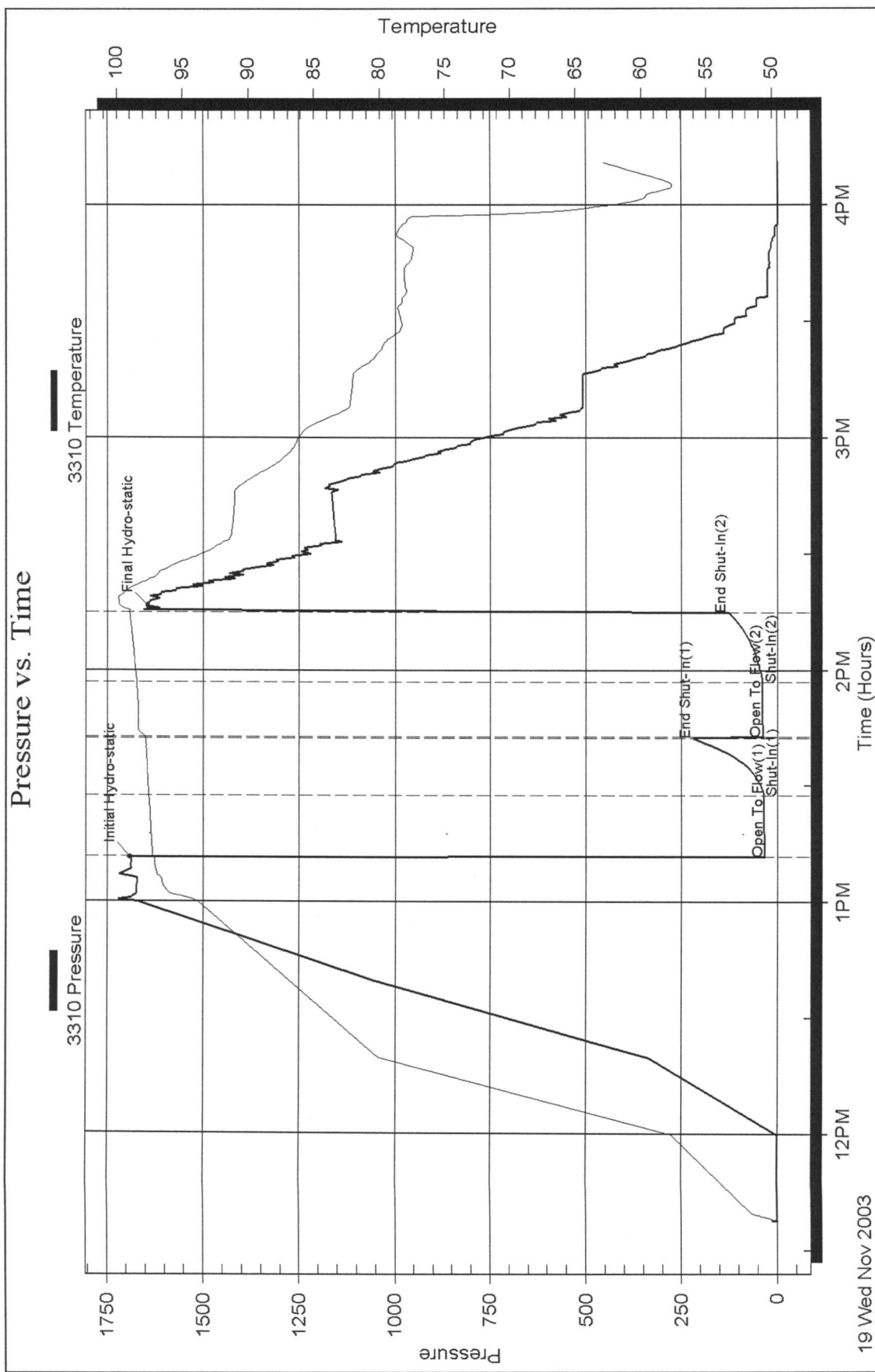
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Dixon-Dearmore Oil Company Inc**

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

18-30s-10w

Rolf Land #1

Start Date: 2003.11.21 @ 13:39:47

End Date: 2003.11.21 @ 20:06:02

Job Ticket #: 17987 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Dixon-Deardmore Oil Company Inc

105 S. Broadway, Suite 900
Wichita, Ks 67202

ATTN: Tom Williams

Rolf Land #1

18-30s-10w

Job Ticket: 17987

DST#: 3

Test Start: 2003.11.21 @ 13:39:47

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:48:47

Time Test Ended: 20:06:02

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **4386.00 ft (KB) To 4435.00 ft (KB) (TVD)**

Total Depth: 4435.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1794.00 ft (KB)

1789.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6751

Press@RunDepth: 96.45 psig @ ft (KB)

Start Date: 2003.11.21

End Date:

2003.11.21

Start Time: 13:39:57

End Time:

20:06:02

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.11.21 @ 15:47:17

Time Off Btm: 2003.11.21 @ 17:50:17

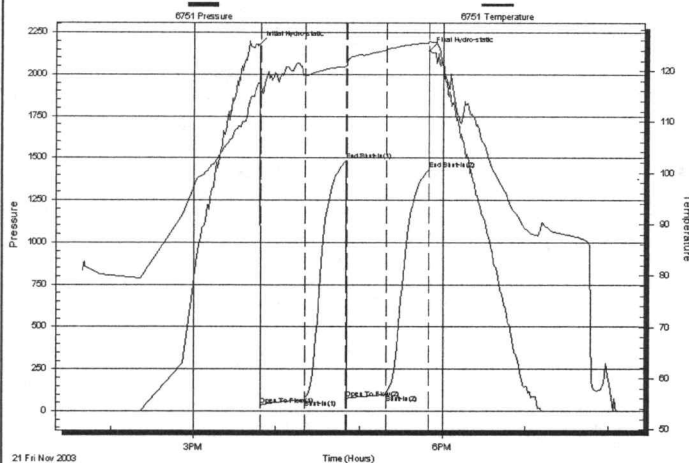
TEST COMMENT: IF- Weak surface blow building to 2 inches

ISI-No blow

FF-No blow

FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

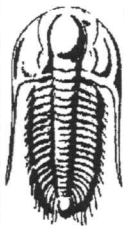
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.74	117.63	Initial Hydro-static
2	32.94	116.99	Open To Flow (1)
34	68.00	119.24	Shut-In (1)
63	1484.43	120.91	End Shut-In (1)
64	75.18	121.18	Open To Flow (2)
92	96.45	124.14	Shut-In (2)
123	1432.79	125.56	End Shut-In (2)
123	2139.68	125.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17987

DST#: 3

ATTN: Tom Williams

Test Start: 2003.11.21 @ 13:39:47

Tool Information

Drill Pipe:	Length: 4133.00 ft	Diameter: 3.80 inches	Volume: 57.98 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume: 59.19 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4386.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	76.00 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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Change Over Sub	1.00			4360.00	
Shut In Tool	5.00			4365.00	
Hydraulic tool	5.00			4370.00	
Jars	5.00			4375.00	
Safety Joint	2.00			4377.00	
Packer	4.00			4381.00	27.00 Bottom Of Top Packer
Packer	5.00			4386.00	
Stubb	1.00			4387.00	
Change Over Sub	1.00			4388.00	
Blank Spacing	31.00			4419.00	
Change Over Sub	1.00			4420.00	
Recorder	0.00	6175	Inside	4420.00	
Perforations	12.00			4432.00	
Recorder	0.00	13630	Outside	4432.00	
Bullnose	3.00			4435.00	49.00 Bottom Packers & Anchor

Total Tool Length: 76.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Dixon-Dearmore Oil Company Inc

Rolf Land #1

105 S. Broadway, Suite 900
Wichita, Ks 67202

18-30s-10w

Job Ticket: 17987

DST#: 3

ATTN: Tom Williams

Test Start: 2003.11.21 @ 13:39:47

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:

12000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud	0.590

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Dixon-Dearmore Oil Company Inc

18-30s-10w

DST Test Number: 3

