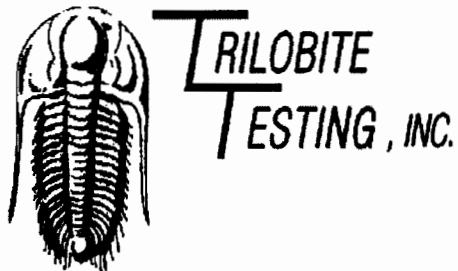


19-025-21271



DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration, Inc.**

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

12-31S-22W

Decker #1

Start Date: 2004.10.23 @ 05:10:38

End Date: 2004.10.23 @ 15:23:38

Job Ticket #: 19195

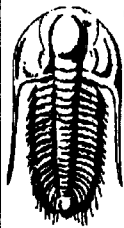
DST #: 1

CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Falcon Exploration, Inc.

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

Decker #1

12-31S-22W

Job Ticket: 19195

DST#: 1

Test Start: 2004.10.23 @ 05:10:38

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:24:08

Time Test Ended: 15:23:38

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **5041.00 ft (KB) To 5067.00 ft (KB) (TVD)**

Total Depth: **5067.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2150.00 ft (KB)**

2142.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6625**

Inside

Press@RunDepth: **103.88 psig @ 5044.00 ft (KB)**

Start Date: **2004.10.23**

End Date:

2004.10.23

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **05:10:41**

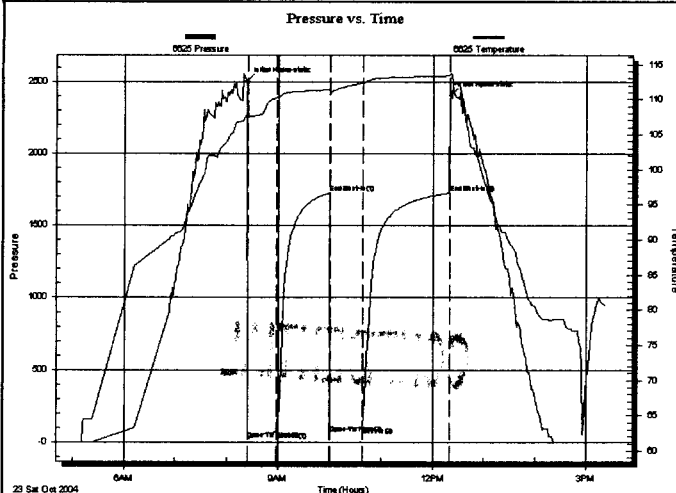
End Time:

15:23:38

Time On Btmr: **2004.10.23 @ 08:22:38**

Time Off Btmr: **2004.10.23 @ 12:20:38**

TEST COMMENT: IF: Fair to strong blow b.o.b in 5-1/2 mins.
IS: Bled down n for 5 min. No blow back.
FF: Fair to strong blow b.o.b in 4 mins.
FS: Bled down n for 15 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2502.97	107.71	Initial Hydro-static
2	21.93	107.53	Open To Flow (1)
36	74.52	110.30	Shut-In(1)
97	1726.01	111.42	End Shut-In(1)
98	58.84	110.87	Open To Flow (2)
136	103.88	112.40	Shut-In(2)
237	1726.85	113.43	End Shut-In(2)
238	2401.36	113.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	120 of gip	0.00
120.00	GCW 6% gas 94% water	0.59
105.00	G&WCM 10% gas 30% water 60% mud	0.66

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19195

DST#: 1

ATTN: Kent Roberts

Test Start: 2004.10.23 @ 05:10:38

Tool Information

Drill Pipe:	Length: 4810.96 ft	Diameter: 3.80 inches	Volume: 67.49 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: 209.04 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 95000.00 lb
			Total Volume: 68.52 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	5041.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	57.00 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			5013.00	
Shut In Tool	5.00			5018.00	
Hydraulic tool	5.00			5023.00	
Jars	5.00			5028.00	
Safety Joint	3.00			5031.00	
Packer	5.00			5036.00	29.00 Bottom Of Top Packer
Packer	5.00			5041.00	
Stubb	1.00			5042.00	
Stubb	2.00			5044.00	
Recorder	0.00	6625	Inside	5044.00	
Anchor	22.00			5066.00	
Recorder	0.00	10991	Outside	5066.00	
Bullnose	3.00			5069.00	28.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19195

DST#: 1

ATTN: Kent Roberts

Test Start: 2004.10.23 @ 05:10:38

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:

35000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	120 of gip	0.000
120.00	GCW 6% gas 94% water	0.590
105.00	G&WCM 10% gas 30% water 60% mud	0.662

Total Length: 225.00 ft

Total Volume:

1.252 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

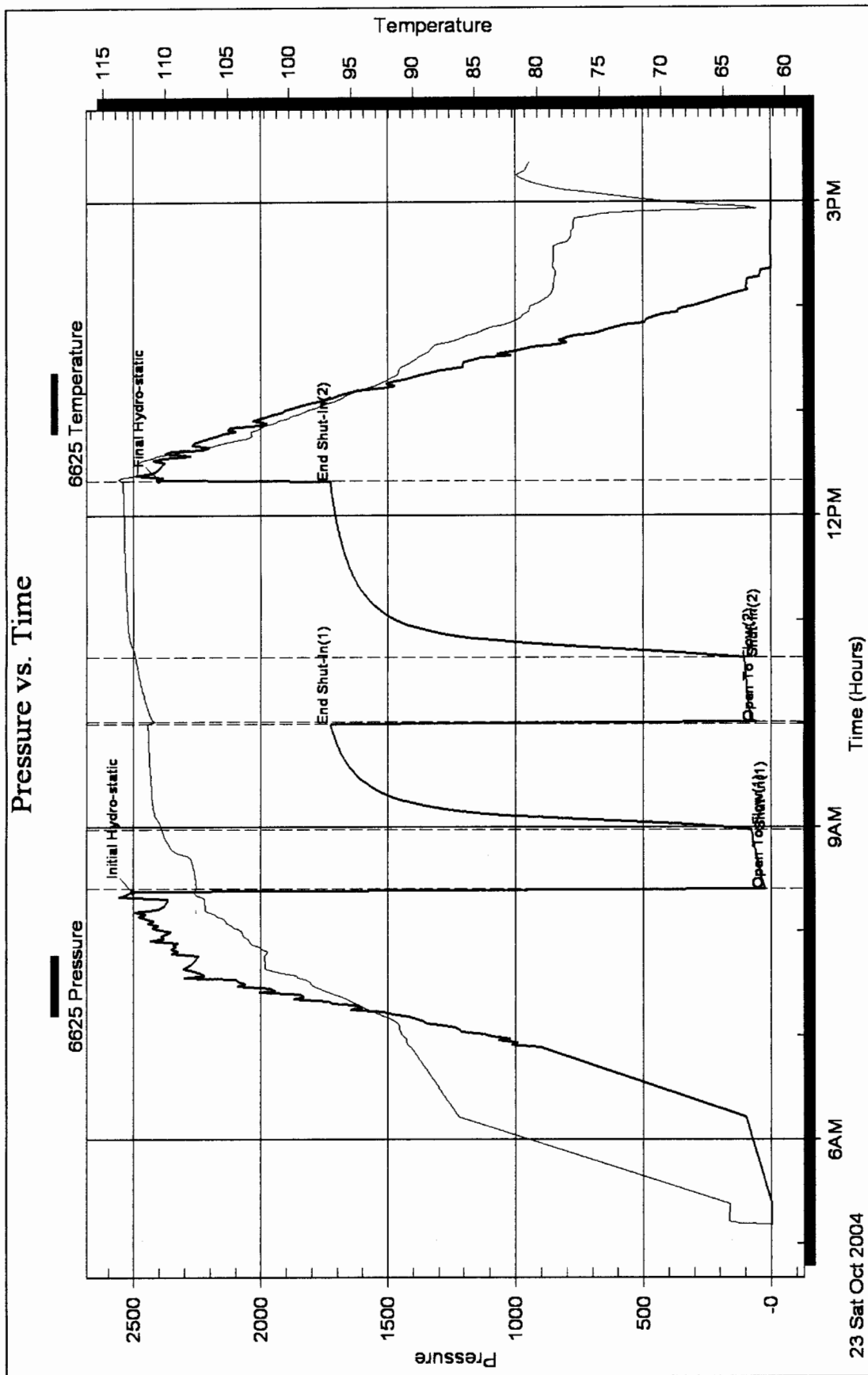
Recovery Comments: 0.2@75°degrees=35000

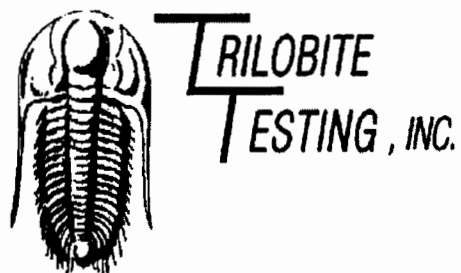
Serial #: 6625

Inside Falcon Exploration, Inc.

12-31S-22W

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration, Inc.**

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

12-31S-22W

Decker #1

Start Date: 2004.10.24 @ 15:57:54

End Date: 2004.10.25 @ 13:52:09

Job Ticket #: 19196 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

Falcon Exploration, Inc.

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

Decker #1

12-31S-22W

Job Ticket: 19196

DST#: 2

Test Start: 2004.10.24 @ 15:57:54

GENERAL INFORMATION:

Formation: **Morrow sand.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 19:31:09

Time Test Ended: 13:52:09

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **5198.00 ft (KB) To 5235.00 ft (KB) (TVD)**

Total Depth: **5235.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2150.00 ft (KB)**

2142.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **739.19 psig @ 5200.00 ft (KB)**

Start Date: **2004.10.24**

End Date:

2004.10.25

Start Time: **15:57:57**

End Time:

13:52:08

Capacity: **7000.00 psig**

Last Calib.: **2004.10.25**

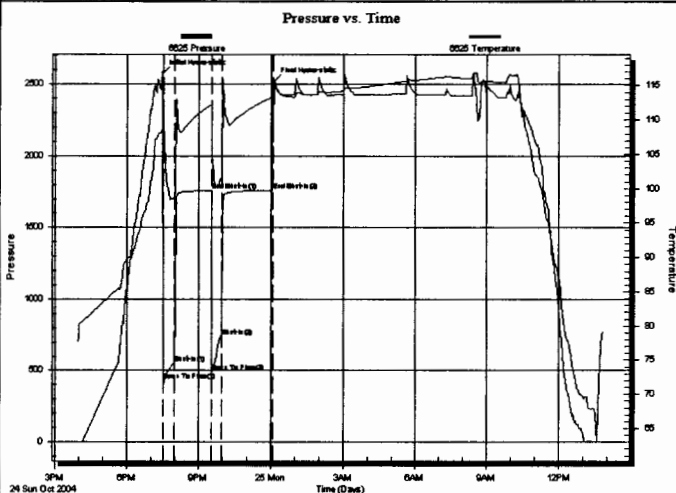
Time On Btm: **2004.10.24 @ 19:28:39**

Time Off Btm: **2004.10.25 @ 00:05:39**

TEST COMMENT: F: Strong blow b.o.b in 15 sec. GTS in 5 mins. gauge gas.

1st Bled down for 85 mins. built back to b.o.b in 2 mins.

FF: Strong blow b.o.b in 10 sec. gauge gas fluid to surface in 12 mins. oil to surface in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2577.15	108.88	Initial Hydro-static
3	429.92	109.59	Open To Flow (1)
30	549.08	98.61	Shut-In(1)
122	1757.03	112.19	End Shut-In(1)
124	491.59	104.14	Open To Flow (2)
148	739.19	101.65	Shut-In(2)
275	1757.22	113.31	End Shut-In(2)
277	2521.86	112.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	240' of gip	0.00
434.00	HG&OCM 40% gas 30% oil 30% mud	4.18

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	75.00	1396.42
Last Gas Rate	0.75	65.00	1240.22
Max. Gas Rate	0.75	85.00	1552.61



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19196

DST#: 2

ATTN: Kent Roberts

Test Start: 2004.10.24 @ 15:57:54

Tool Information

Drill Pipe:	Length: 4964.96 ft	Diameter: 3.80 inches	Volume: 69.65 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: 209.04 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 98000.00 lb
			Total Volume: 70.68 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	5198.00 ft			Final 94000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	66.00 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			5170.00	
Shut In Tool	5.00			5175.00	
Hydraulic tool	5.00			5180.00	
Jars	5.00			5185.00	
Safety Joint	3.00			5188.00	
Packer	5.00			5193.00	29.00 Bottom Of Top Packer
Packer	5.00			5198.00	
Stubb	2.00			5200.00	
Recorder	0.00	6625	Inside	5200.00	
Anchor	32.00			5232.00	
Recorder	0.00	10991	Outside	5232.00	
Bullnose	3.00			5235.00	37.00 Bottom Packers & Anchor
Total Tool Length:		66.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19196

DST#: 2

ATTN: Kent Roberts

Test Start: 2004.10.24 @ 15:57:54

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 1.00 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	240' of gip	0.000
434.00	HG&OCM 40% gas 30% oil 30% mud	4.184

Total Length: 434.00 ft Total Volume: 4.184 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: tried to circulate fluid out unsuccessful dumped 20' of free oil.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19196

DST#: 2

ATTN: Kent Roberts

Test Start: 2004.10.24 @ 15:57:54

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	10	0.75	75.00	1396.42
1	15	0.75	80.00	1474.51
1	20	0.75	83.00	1521.37
1	25	0.75	85.00	1552.61
1	30	0.75	85.00	1552.61
2	10	0.75	65.00	1240.22

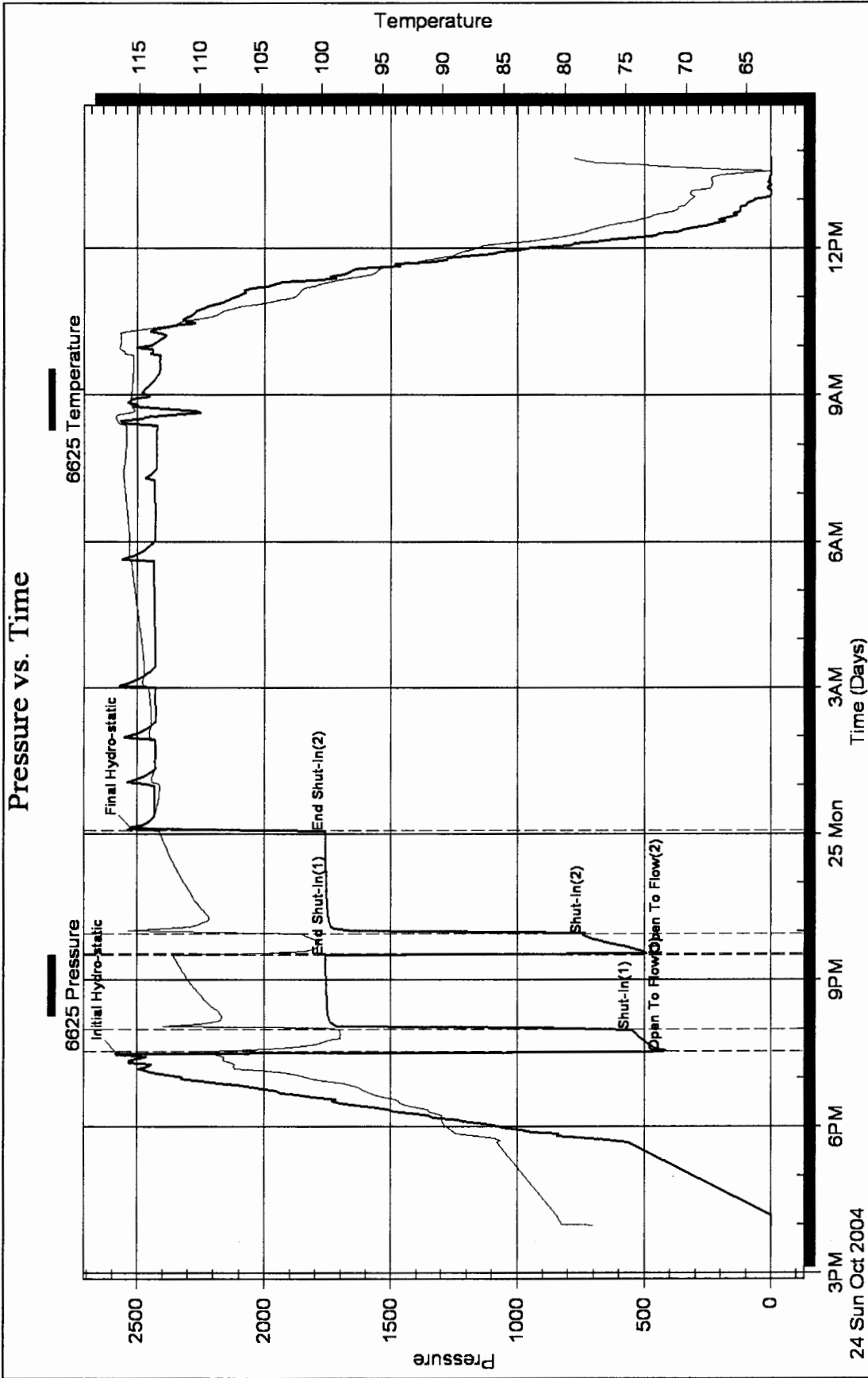
Serial #: 6625

Inside

Falcon Exploration, Inc.

12-31S-22W

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration, Inc.**

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

12-31S-22W

Decker #1

Start Date: 2004.10.26 @ 01:34:29

End Date: 2004.10.26 @ 20:04:59

Job Ticket #: 19197 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

Falcon Exploration, Inc.

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

Decker #1

12-31S-22W

Job Ticket: 19197

DST#: 3

Test Start: 2004.10.26 @ 01:34:29

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:58:14

Time Test Ended: 20:04:59

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **5235.00 ft (KB) To 5250.00 ft (KB) (TVD)**

Reference Elevations: **2150.00 ft (KB)**

Total Depth: **5250.00 ft (KB) (TVD)**

2142.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GRVCF: **8.00 ft**

Serial #: **6625**

Inside

Press@RunDepth: **1439.36 psig @ 5241.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.10.26**

End Date:

2004.10.26

Last Calib.: **1899.12.30**

Start Time: **01:34:32**

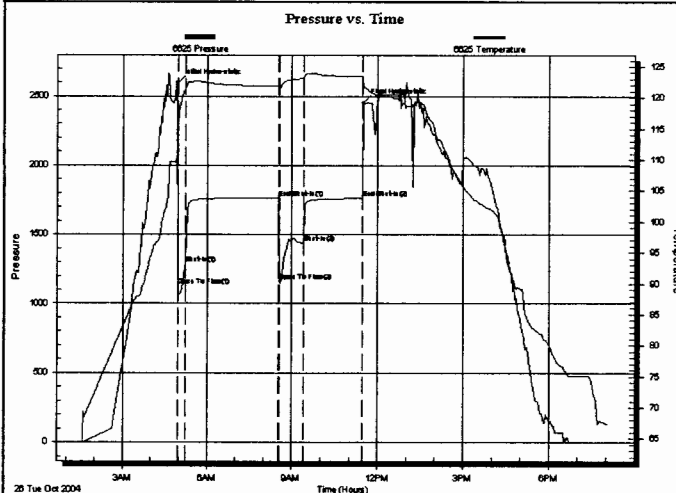
End Time:

20:04:58

Time On Btm: **2004.10.26 @ 04:57:14**

Time Off Btm: **2004.10.26 @ 11:29:44**

TEST COMMENT: IF: Strong blow b.o.b in 15 sec. GTS in 3 mins 45 sec. fluid to surface in 12-1/2 mins. oil to surface in 15 mins.
IS: Bled down for 45 mins. wait on water truck.
FF: Open tool into water truck flow 35



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2591.78	110.50	Initial Hydro-static
1	1130.06	112.39	Open To Flow (1)
17	1290.42	121.35	Shut-In(1)
215	1765.16	121.92	End Shut-In(1)
217	1163.65	121.28	Open To Flow (2)
267	1439.36	123.12	Shut-In(2)
391	1761.61	123.44	End Shut-In(2)
393	2454.59	121.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	60' of bgip	0.00
370.00	HG&OCM	3.29

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	5.00	130.87



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19197

DST#: 3

ATTN: Kent Roberts

Test Start: 2004.10.26 @ 01:34:29

Tool Information

Drill Pipe:	Length: 5030.00 ft	Diameter: 3.80 inches	Volume: 70.56 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: 209.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	135000.0 lb
		Total Volume:	71.59 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	88000.00 lb
Depth to Top Packer:	5235.00 ft			Final	98000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					
Tried unsuccessfully to circulate pipe pull string wet.					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5212.00	
Shut In Tool	5.00			5217.00	
Hydraulic tool	5.00			5222.00	
Jars	5.00			5227.00	
Safety Joint	3.00			5230.00	
Packer	5.00			5235.00	24.00 Bottom Of Top Packer
Stubb	1.00			5236.00	
Anchor	5.00			5241.00	
Recorder	0.00	6625	Inside	5241.00	
Anchor	6.00			5247.00	
Recorder	0.00	10332	Outside	5247.00	
Bullnose	3.00			5250.00	15.00 Anchor Tool

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19197

DST#: 3

ATTN: Kent Roberts

Test Start: 2004.10.26 @ 01:34:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.78 in³

Gas Cushion Type:

Resistivity: 1.00 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	60' of bgip	0.000
370.00	HG&OCM	3.286

Total Length: 370.00 ft

Total Volume: 3.286 bbl

Num Fluid Samples: 0

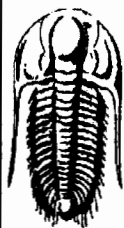
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Flow ed 59 barrels into water truck.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19197

DST#: 3

ATTN: Kent Roberts

Test Start: 2004.10.26 @ 01:34:29

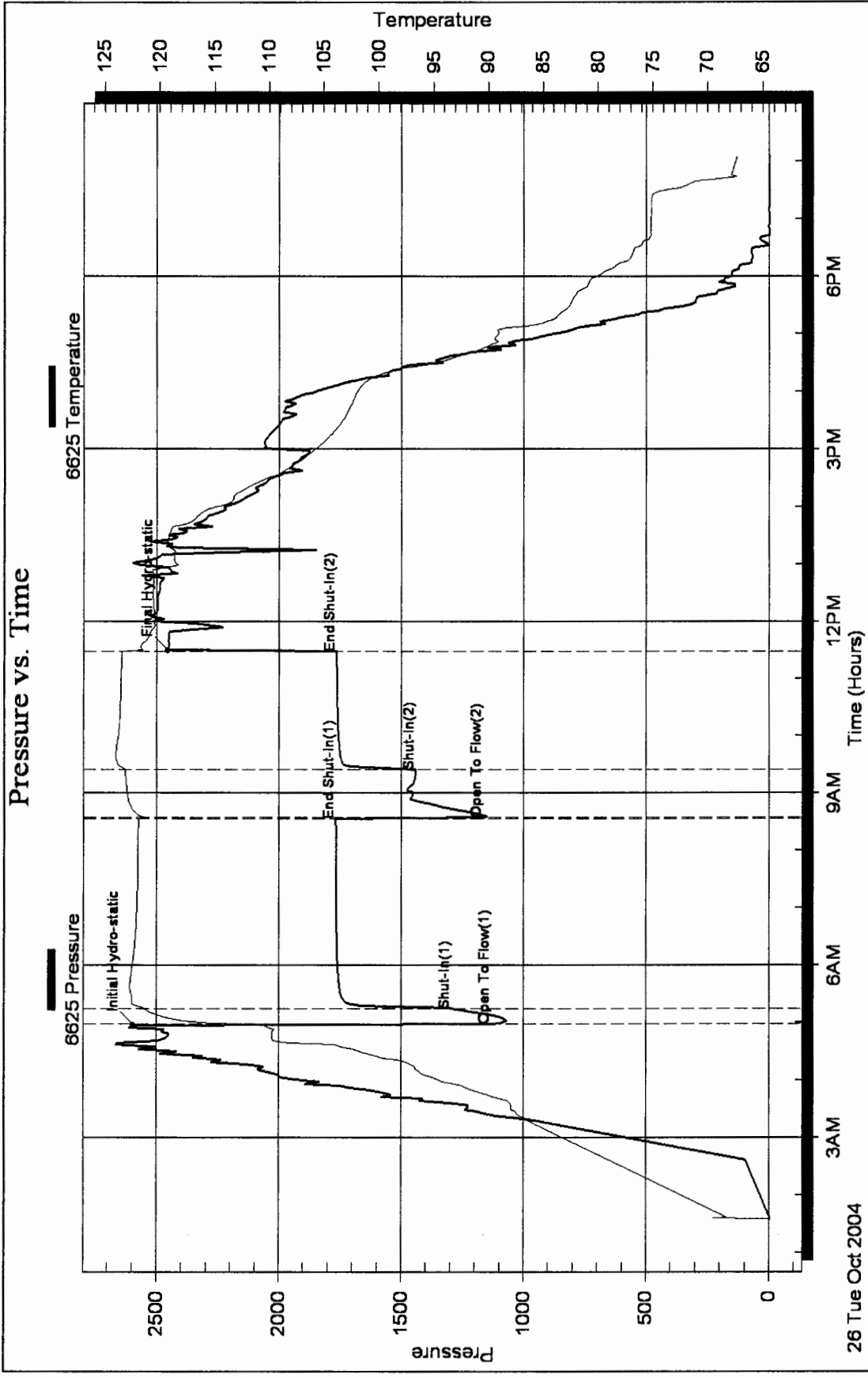
Gas Rates Information

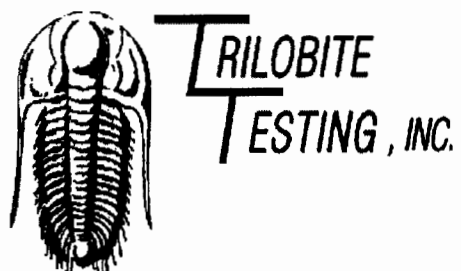
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	8	0.50	5.00	130.87

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration, Inc.**

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

12-31S-22W

Decker #1

Start Date: 2004.10.27 @ 09:14:18

End Date: 2004.10.27 @ 20:06:18

Job Ticket #: 19198 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Falcon Exploration, Inc.

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

Decker #1

12-31S-22W

Job Ticket: 19198

DST#: 4

Test Start: 2004.10.27 @ 09:14:18

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:10:18

Time Test Ended: 20:06:18

Test Type: **Conventional Bottom Hole**

Tester: **Darren L. Amerine**

Unit No: **30**

Interval: **5250.00 ft (KB) To 5266.00 ft (KB) (TVD)**

Total Depth: **5266.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2150.00 ft (KB)**

2142.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6625**

Inside

Press@RunDepth: **906.83 psig @ 5256.00 ft (KB)**

Start Date: **2004.10.27**

End Date:

2004.10.27

Start Time: **09:14:21**

End Time:

20:06:18

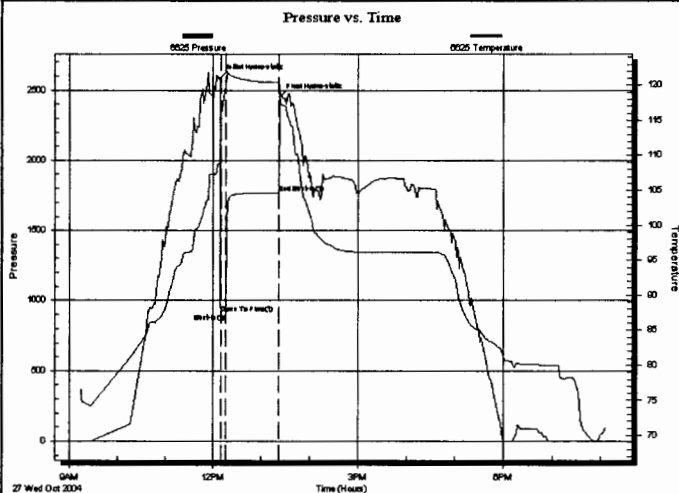
Capacity: **7000.00 psig**

Last Calib.: **2004.10.27**

Time On Btm: **2004.10.27 @ 12:08:48**

Time Off Btm: **2004.10.27 @ 13:23:03**

TEST COMMENT: **IF: Strong blow b.o.b in 10 sec. GTS in 3-1/2 mins.**
IS: Bled down for 75 mins. back to b.o.b in 30 sec. pull tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2583.58	108.78	Initial Hydro-static
2	908.85	114.96	Open To Flow (1)
8	906.83	119.73	Shut-In (1)
73	1768.72	120.41	End Shut-In (1)
75	2451.02	119.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	180' of gip	0.00
134.00	HG&OCMW 10% gas 30% oil 40% water	210.66 ud
120.00	GO&MCW 10% gas 10% oil 70% water	101.00 d

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.50	147.73



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19198

DST#: 4

ATTN: Kent Roberts

Test Start: 2004.10.27 @ 09:14:18

Tool Information

Drill Pipe:	Length: 5030.00 ft	Diameter: 3.80 inches	Volume: 70.56 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: 209.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 115000.0 lb
			Total Volume: 71.59 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 89000.00 lb
Depth to Top Packer:	5250.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5227.00	
Shut In Tool	5.00			5232.00	
Hydraulic tool	5.00			5237.00	
Jars	5.00			5242.00	
Safety Joint	3.00			5245.00	
Packer	5.00			5250.00	24.00 Bottom Of Top Packer
Stubb	1.00			5251.00	
Anchor	5.00			5256.00	
Recorder	0.00	6625	Inside	5256.00	
Anchor	7.00			5263.00	
Recorder	0.00	10332	Outside	5263.00	
Bullnose	3.00			5266.00	16.00 Anchor Tool

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19198

DST#: 4

ATTN: Kent Roberts

Test Start: 2004.10.27 @ 09:14:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

90000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.38 in³

Gas Cushion Type:

Resistivity: 0.09 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	180' of gip	0.000
134.00	HG&OCMW 10% gas 30% oil 40% water 20% m	0.659
120.00	GO&MCW 10% gas 10% oil 70% water 10% m	1.000

Total Length: 254.00 ft Total Volume: 1.659 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .08 @ 75' degrees = 90000

Dropped bar



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 19198

DST#: 4

ATTN: Kent Roberts

Test Start: 2004.10.27 @ 09:14:18

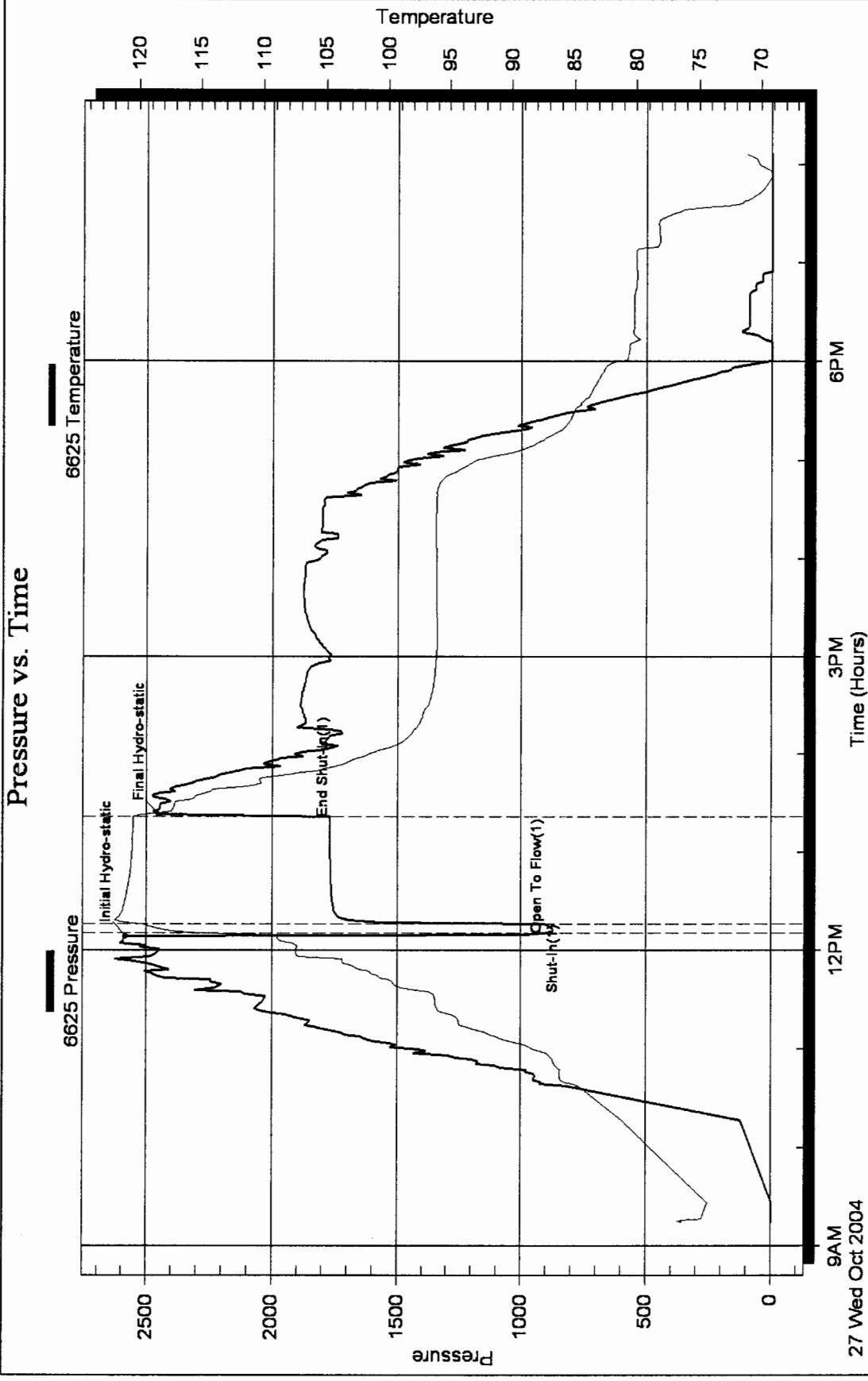
Gas Rates Information

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	0.50	7.50	147.73

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration, Inc.**

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

12-31S-22W

Decker #1

Start Date: 2004.10.31 @ 22:40:37

End Date: 2004.11.01 @ 22:33:37

Job Ticket #: 20533 DST #: 5

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Falcon Exploration, Inc.

155 N. Market suite. 1020
Wichita, Ks. 67202

ATTN: Kent Roberts

Decker #1

12-31S-22W

Job Ticket: 20533

DST#: 5

Test Start: 2004.10.31 @ 22:40:37

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:34:37

Time Test Ended: 22:33:37

Test Type: Conventional Bottom Hole

Tester: Kevin Webster

Unit No: 20

Interval: 6195.00 ft (KB) To 6255.00 ft (KB) (TVD)

Total Depth: 6255.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2150.00 ft (KB)

2142.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6751

Inside

Press@RunDepth: 100.45 psig @ 6196.00 ft (KB)

Start Date: 2004.10.31

End Date:

2004.11.01

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 22:40:39

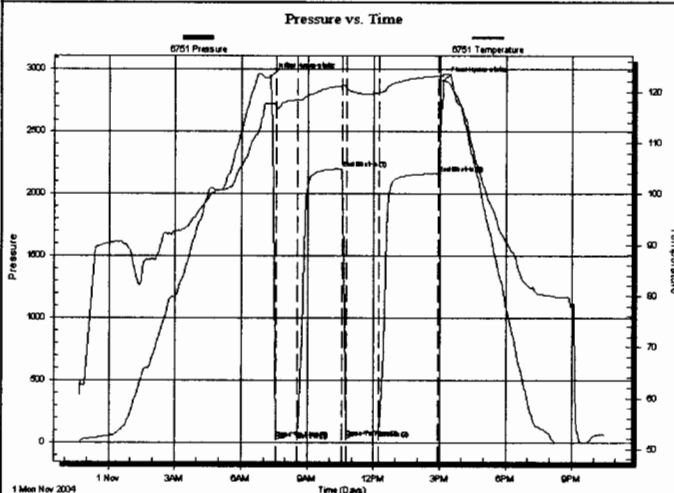
End Time:

22:33:37

Time On Btm: 2004.11.01 @ 07:19:37

Time Off Btm: 2004.11.01 @ 15:09:37

TEST COMMENT: IF- bob 4 min
IS- no blow back
FF- bob asao
FSI- GTS on bleed off built back to 2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2942.75	117.72	Initial Hydro-static
15	33.77	116.71	Open To Flow (1)
73	84.36	118.43	Shut-In(1)
193	2203.56	121.20	End Shut-In(1)
207	41.83	120.56	Open To Flow (2)
294	100.45	119.86	Shut-In(2)
456	2161.68	123.14	End Shut-In(2)
470	2911.57	123.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	50% oil 50% mud	0.44
60.00	20% gas 50% oil 30% mud	0.30
60.00	35% gas 40% oil 10% mud	0.58
60.00	40% gas 50% oil 10% mud	0.84

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 20533

DST#: 5

ATTN: Kent Roberts

Test Start: 2004.10.31 @ 22:40:37

Tool Information

Drill Pipe:	Length: 6006.00 ft	Diameter: 3.80 inches	Volume: 84.25 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			Total Volume: 85.13 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 97000.00 lb
Depth to Top Packer:	6195.00 ft			Final 97000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 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			6169.00	
Shut In Tool	5.00			6174.00	
Hydraulic tool	5.00			6179.00	
Jars	5.00			6184.00	
Safety Joint	2.00			6186.00	
Packer	5.00			6191.00	27.00 Bottom Of Top Packer
Packer	4.00			6195.00	
Stubb	1.00			6196.00	
Recorder	0.00	6751	Inside	6196.00	
Perforations	5.00			6201.00	
Drill Pipe	31.00			6232.00	
Perforations	20.00			6252.00	
Bullnose	3.00			6255.00	
Recorder	0.00	10993	Inside	6255.00	60.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration, Inc.

Decker #1

155 N. Market suite. 1020
Wichita, Ks. 67202

12-31S-22W

Job Ticket: 20533

DST#: 5

ATTN: Kent Roberts

Test Start: 2004.10.31 @ 22:40:37

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	50% oil 50% mud	0.443
60.00	20% gas 50% oil 30% mud	0.295
60.00	35% gas 40% oil 10% mud	0.577
60.00	40% gas 50% oil 10% mud	0.842

Total Length: 270.00 ft

Total Volume: 2.157 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

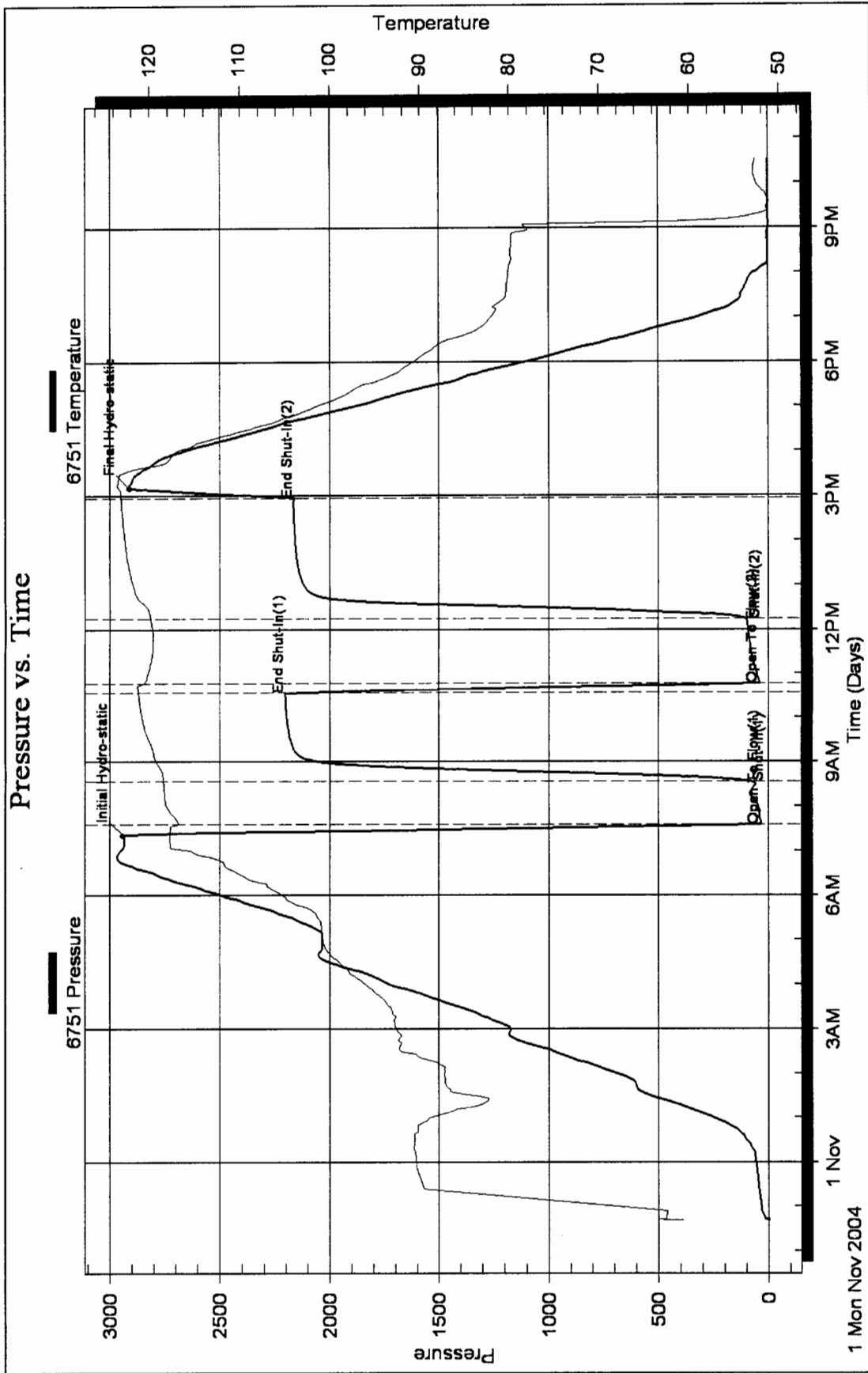
Serial #: 6751

Inside

Falcon Exploration, Inc.

12-31S-22W

DST Test Number: 5



DECKER #1
CLARK COUNTY, KS
DRILL STEM TESTS

DST #1: 5041-5067, 30-60-45-90. FAIR TO STRONG BLOW ON BOTH OPENS. REC 120' GIP, 105' G&WCM, 120' GCW. FP'S 22-104#, SIP'S 1726-1727#

DST #2: 5198-5235, 30-90-30-120. GTS IN 5 MIN. ON 1ST OPEN. GA 1396 MCF/10 MIN, 1474/15 MIN., 1521/20 MIN, 1552/25 MIN., 1552/30 MIN. . 2ND OPEN: GA 1240 MCF/10 MIN, FLOW MIST OF MUD IN 12 MIN AND FLOW HEAVY MIST OF OIL IN 25 MIN. REC BELOW CIRC SUB 240' GIP, 434' G&OCM. FP'S 430-739#, SIP'S 1757-1757#

DST #3: 5235-5250, 20-195-45-135 GTS IN 3-3/4 MIN. GAUGED 131 MCF/D ON 1ST OPEN. FLOWED MUD IN 12-1/2 MIN, FLOWED OIL IN 15 MIN. 2ND OPEN: FLOWED 35 BBL OIL. FP'S 1139-1439#, SIP 1765-1762#.

DST #4 5250-5266, 8-75-00-00. GTS IN 3-1/2 MIN., GA 148 MCF ON 1ST OPEN. REC 1514' GIP, 3725' OIL. 7 STANDS BELOW CIRC SUB RECOVERED: 180' GIP, 254' G&OCMW, FP'S 909-097, SIP 1769#.

DST #5: 6195-6255, 30-60-45-90. STRONG BLOW BOB IN 4 MIN ON 1ST OPEN, INSTANT BOB. GTS-TSTM. REC 180' GAS CUT FROGGY OIL, 90' FROGGY MUDDY OIL. FP'S 33-100#, SIP'S 2203-2161#.

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