IND

Becker Oil Corporation Schroeder#1 11 23 24 Hodgeman KS DST # 1 Winfield 2008.09.17

DRILL STEM TEST REPORT

Prepared For: **Becker Oil Corporation**

P.O. Box 1150
Pratt City, OK 74602

CONFIDENTIAL

DEC 0 2 2008

ATTN: Jim Musgrove

KCC

11 23 24 Hodgeman KS

Schroeder#1

Start Date: 2008.09.17 @ 20:39:10

End Date: 2008.09.18 @ 06:28:25

Job Ticket #: 32955 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32955 **DST#: 1**

Test Start: 2008.09.17 @ 20:39:10

GENERAL INFORMATION:

Formation: **Winfield**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:30:40
Time Test Ended: 06:28:25

Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 39

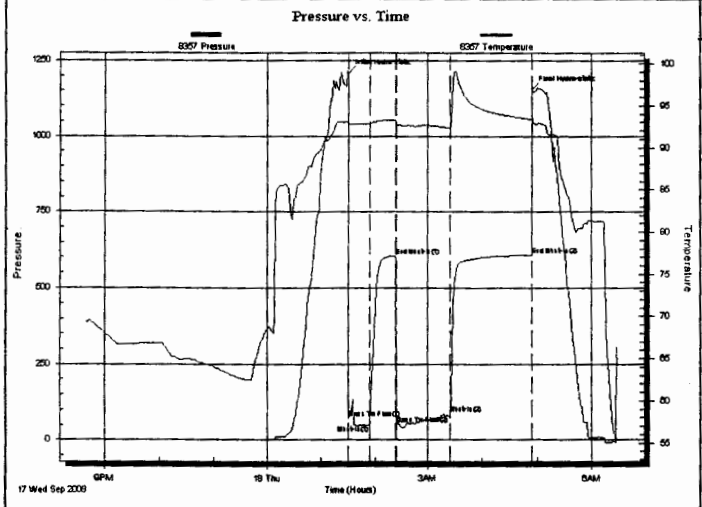
Interval: 2343.00 ft (KB) To 2440.00 ft (KB) (TVD)
Total Depth: 2440.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2301.00 ft (KB)
2296.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8357 **Inside**
Press@RunDepth: 86.27 psig @ 2344.00 ft (KB)
Start Date: 2008.09.17 End Date: 2008.09.18
Start Time: 20:39:15 End Time: 06:28:25

Capacity: 7000.00 psig
Last Calib.: 2008.09.18
Time On Btm: 2008.09.18 @ 01:30:10
Time Off Btm: 2008.09.18 @ 04:54:10

TEST COMMENT: I.F. Strong Blow B.O.B. 2 Min
I.S.I. Bled Off 10 Min No Blow
F.F. B.O.B. Immediately G.T.S 4 Min See Gas Flow Report.
F.S.I. Bled Off 10 Min No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1207.42	93.10	Initial Hydro-static
1	70.34	92.80	Open To Flow (1)
24	49.42	92.85	Shut-In(1)
54	605.69	93.32	End Shut-In(1)
54	81.45	92.78	Open To Flow (2)
115	86.27	92.34	Shut-In(2)
204	608.18	93.39	End Shut-In(2)
204	1155.83	94.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	SGCM	1.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	24.00	60.92
Max. Gas Rate	0.25	24.00	60.92

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32955 **DST#: 1**

Test Start: 2008.09.17 @ 20:39:10

Tool Information

Drill Pipe:	Length:	2214.00 ft	Diameter:	3.88 inches	Volume:	32.38 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	125.00 ft	Diameter:	2.75 inches	Volume:	0.92 bbl	
					Total Volume:	33.30 bbl	

Drill Pipe Above KB:	16.00 ft
Depth to Top Packer:	2343.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	97.00 ft
Tool Length:	117.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2100.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	36000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	34000.00 lb
Final	34000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			2324.00		
Shut In Tool	5.00			2329.00		
Hydraulic tool	5.00			2334.00		
Packer	4.00			2338.00	20.00	Bottom Of Top Packer
Packer	5.00			2343.00		
Stubb	1.00			2344.00		
Recorder	0.00	8167	Inside	2344.00		
Recorder	0.00	8357	Inside	2344.00		
Perforations	5.00			2349.00		
Change Over Sub	1.00			2350.00		
Drill Pipe	62.00			2412.00		
Change Over Sub	1.00			2413.00		
Perforations	22.00			2435.00		
Bullnose	5.00			2440.00	97.00	Bottom Packers & Anchor
Total Tool Length:	**117.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32955 **DST#: 1**

Test Start: 2008.09.17 @ 20:39:10

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	4.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	43000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	SGCM	1.284

Total Length: 150.00 ft Total Volume: 1.102 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: KT#1

Laboratory Name: Caraway Laboratory Location: Hugoton, KS

Recovery Comments:

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32955 **DST#: 1**

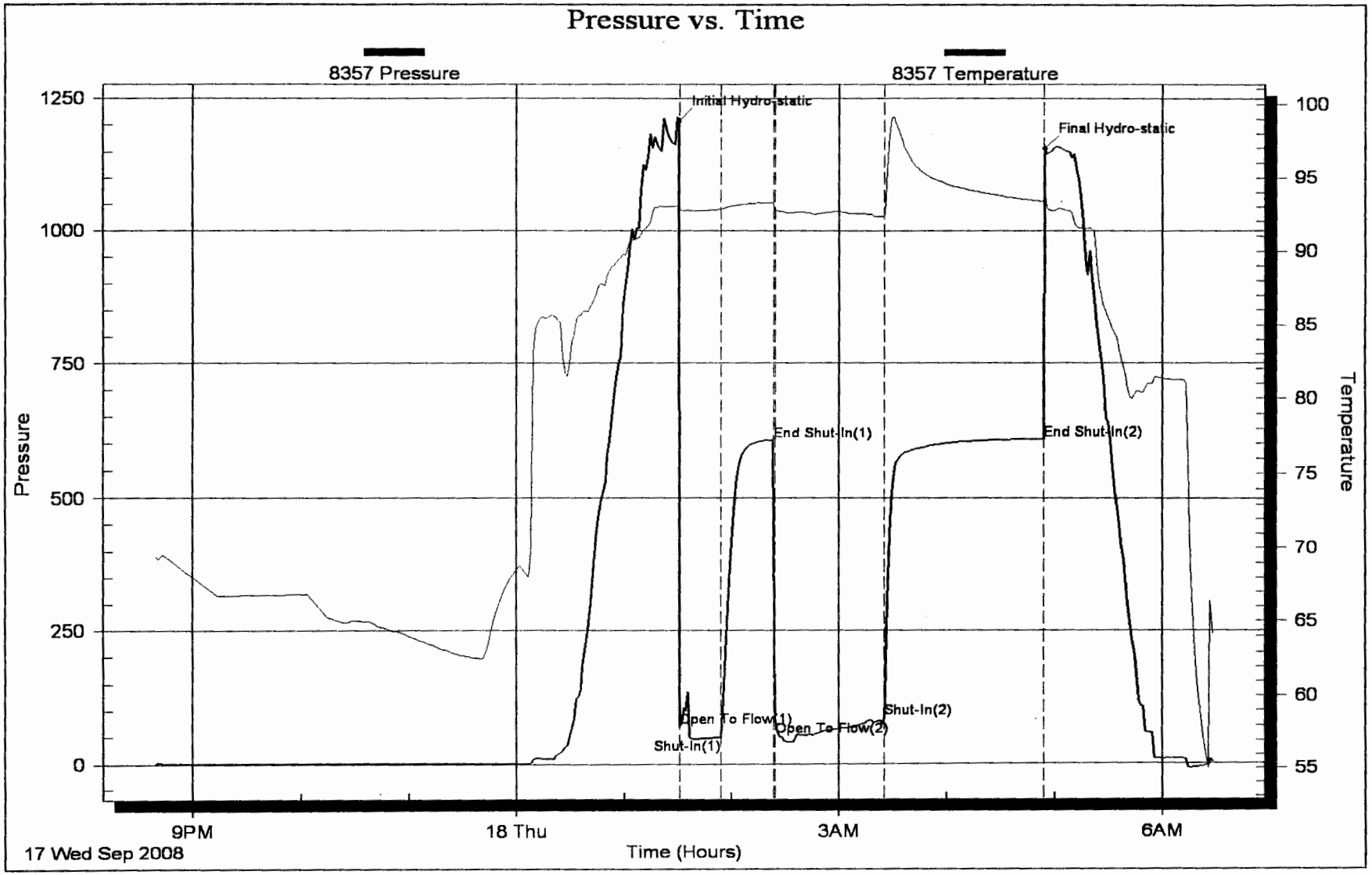
Test Start: 2008.09.17 @ 20:39:10

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)
2	10	0.25	3.00	27.60
2	10	0.25	3.00	27.60
2	20	0.25	9.00	37.12
2	30	0.25	15.00	46.64
2	40	0.25	22.00	57.75
2	50	0.25	24.00	60.92


Pressure vs. Time
8357 Pressure
8357 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1250
1000
750
500
250
0
100
95
90
85
80
75
70
65
60
55
9PM
18 Thu
3AM
6AM
17 Wed Sep 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Becker Oil Corporation**

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

11 23 24 Hodgeman KS

Schroeder#1

Start Date: 2008.09.18 @ 13:54:19

End Date: 2008.09.18 @ 18:25:04

Job Ticket #: 32956 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32956 **DST#: 2**

Test Start: 2008.09.18 @ 13:54:19

GENERAL INFORMATION:

Formation: **Towanda**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:28:34
Time Test Ended: 18:25:04

Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 39

Interval: 2510.00 ft (KB) To 2530.00 ft (KB) (TVD)
Total Depth: 2530.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

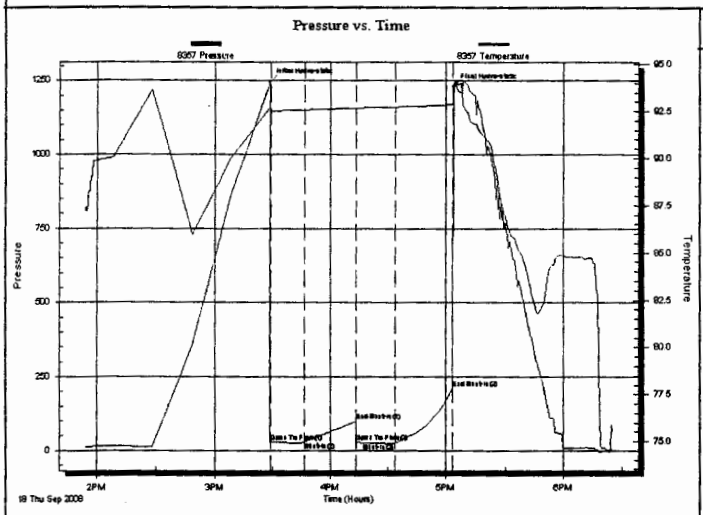
Reference Elevations: 2301.00 ft (KB)
2296.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8357 **Inside**

Press@RunDepth: 26.06 psig @ 2511.00 ft (KB)
Start Date: 2008.09.18 End Date: 2008.09.18
Start Time: 13:54:24 End Time: 18:25:03

Capacity: 7000.00 psig
Last Calib.: 2008.09.18
Time On Btm: 2008.09.18 @ 15:28:19
Time Off Btm: 2008.09.18 @ 17:03:34

TEST COMMENT: I.F. Weak Blow Built To 8" In 20 Min
I.S.I. Bled Off 5 Min No Blow
F.F. Weak Blow Built To 2" In 20 Min
F.S.I. Bled Off 5 Min No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1244.11	92.70	Initial Hydro-static
1	27.90	92.49	Open To Flow (1)
19	29.53	92.57	Shut-In(1)
46	98.75	92.67	End Shut-In(1)
46	27.27	92.65	Open To Flow (2)
66	26.06	92.73	Shut-In(2)
95	210.35	92.86	End Shut-In(2)
96	1229.58	93.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.04

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32956 **DST#: 2**

Test Start: 2008.09.18 @ 13:54:19

Tool Information

Drill Pipe:	Length:	2371.00 ft	Diameter:	3.88 inches	Volume:	34.67 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:		30000.00 lb
Drill Collar:	Length:	125.00 ft	Diameter:	2.75 inches	Volume:	0.92 bbl	Weight to Pull Loose:		39000.00 lb
					Total Volume:	35.59 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight:	Initial	38000.00 lb
Depth to Top Packer:		2510.00 ft						Final	38000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		20.00 ft							
Tool Length:		40.00 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			2491.00		
Shut In Tool	5.00			2496.00		
Hydraulic tool	5.00			2501.00		
Packer	4.00			2505.00	20.00	Bottom Of Top Packer
Packer	5.00			2510.00		
Stubb	1.00			2511.00		
Recorder	0.00	8167	Inside	2511.00		
Recorder	0.00	8357	Inside	2511.00		
Perforations	14.00			2525.00		
Bullnose	5.00			2530.00	20.00	Bottom Packers & Anchor
Total Tool Length:	**40.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32956 **DST#: 2**

Test Start: 2008.09.18 @ 13:54:19

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	15.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	81000.00 ppm				
Filter Cake:	0.02 inches				

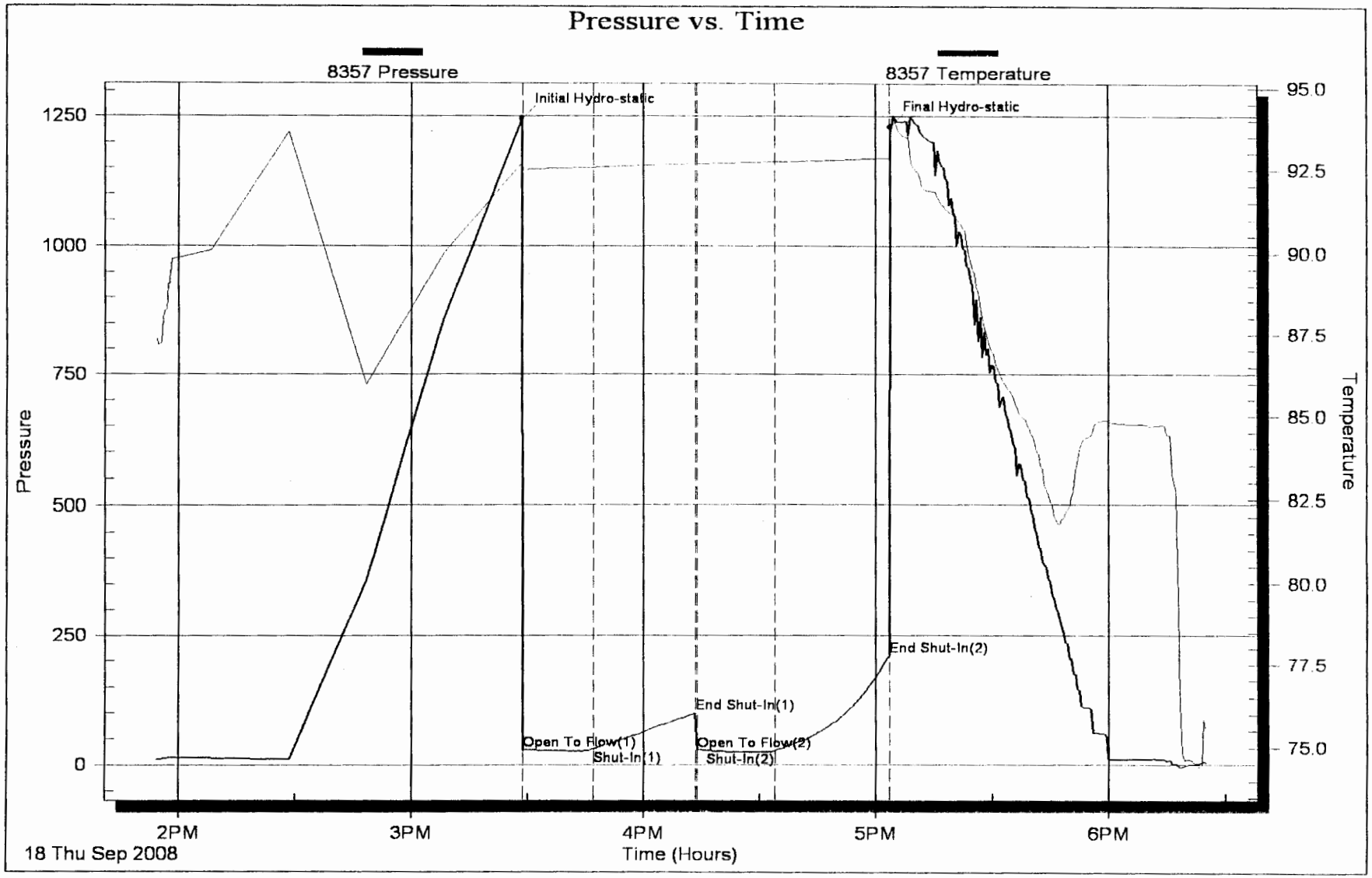
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.037

Total Length: 5.00 ft Total Volume: 0.037 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
8357 Pressure
8357 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1250
1000
750
500
250
0
95.0
92.5
90.0
87.5
85.0
82.5
80.0
77.5
75.0
2PM
3PM
4PM
5PM
6PM
18 Thu Sep 2008
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Becker Oil Corporation**

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

11 23 24 Hodgeman KS

Schroeder#1

Start Date: 2008.09.19 @ 06:36:47
End Date: 2008.09.19 @ 13:21:02
Job Ticket #: 32957 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32957 **DST#: 3**

Test Start: 2008.09.19 @ 06:36:47

GENERAL INFORMATION:

Formation: **Florence**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:33:02
Time Test Ended: 13:21:02

Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 39

Interval: 2571.00 ft (KB) To 2642.00 ft (KB) (TVD)
Total Depth: 2642.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

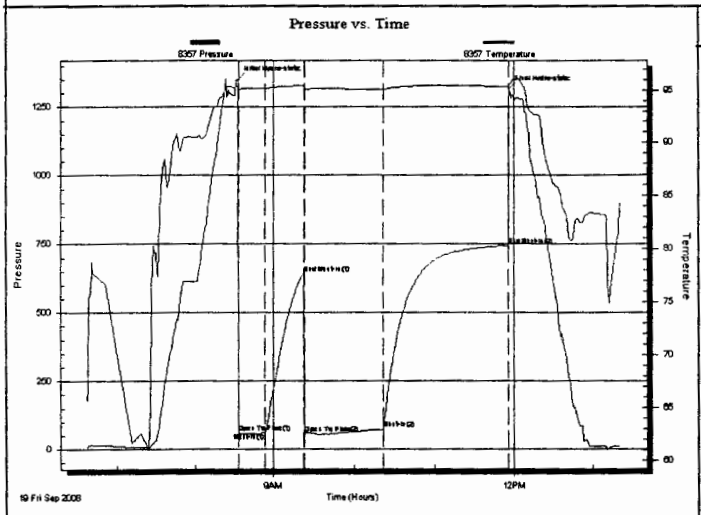
Reference Elevations: 2301.00 ft (KB)
2296.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8357 **Inside**

Press@RunDepth: 75.71 psig @ 2572.00 ft (KB)
Start Date: 2008.09.19 End Date: 2008.09.19
Start Time: 06:36:52 End Time: 13:21:01

Capacity: 7000.00 psig
Last Calib.: 2008.09.19
Time On Btm: 2008.09.19 @ 08:32:32
Time Off Btm: 2008.09.19 @ 11:56:17

TEST COMMENT: I.F. Strong Blow BOB 90sec
I.S.I. Bled Off 10 Min No Blow
F.F. Strong Blow BOB 2 Sec GTS 15 Min See Gas Flow Report
F.S.I. Bled Off 10 Min No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1349.78	95.36	Initial Hydro-static
1	61.63	95.05	Open To Flow (1)
22	61.11	95.15	Shut-In(1)
50	643.50	95.41	End Shut-In(1)
51	57.87	95.07	Open To Flow (2)
109	75.71	95.05	Shut-In(2)
204	742.62	95.35	End Shut-In(2)
204	1316.35	95.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Mud	0.92

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	2.00	6.14
Last Gas Rate	0.13	11.00	9.51
Max. Gas Rate	0.13	11.00	9.51

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32957 **DST#: 3**

Test Start: 2008.09.19 @ 06:36:47

Tool Information

Drill Pipe:	Length:	2434.00 ft	Diameter:	3.88 inches	Volume:	35.60 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:		26000.00 lb
Drill Collar:	Length:	125.00 ft	Diameter:	2.75 inches	Volume:	0.92 bbl	Weight to Pull Loose:		65000.00 lb
					Total Volume:	36.52 bbl	Tool Chased		1.00 ft
Drill Pipe Above KB:		8.00 ft					String Weight:	Initial	38000.00 lb
Depth to Top Packer:		2571.00 ft						Final	38000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		71.00 ft							
Tool Length:		91.00 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			2552.00		
Shut In Tool	5.00			2557.00		
Hydraulic tool	5.00			2562.00		
Packer	4.00			2566.00	20.00	Bottom Of Top Packer
Packer	5.00			2571.00		
Stubb	1.00			2572.00		
Recorder	0.00	8167	Inside	2572.00		
Recorder	0.00	8357	Inside	2572.00		
Perforations	17.00			2589.00		
Change Over Sub	1.00			2590.00		
Drill Pipe	31.00			2621.00		
Change Over Sub	1.00			2622.00		
Perforations	15.00			2637.00		
Bullnose	5.00			2642.00	71.00	Bottom Packers & Anchor
Total Tool Length:	**91.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32957 **DST#: 3**

Test Start: 2008.09.19 @ 06:36:47

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	15.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	81000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Mud	0.918

Total Length: 125.00 ft Total Volume: 0.918 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #: KT#1

Laboratory Name: Caraway Laboratory Location: Hugoton, KS

Recovery Comments:

Becker Oil Corporation

P.O. Box 1150
Ponca City OK 74602

ATTN: Jim Musgrove

Schroeder#1

11 23 24 Hodgeman KS

Job Ticket: 32957 **DST#: 3**

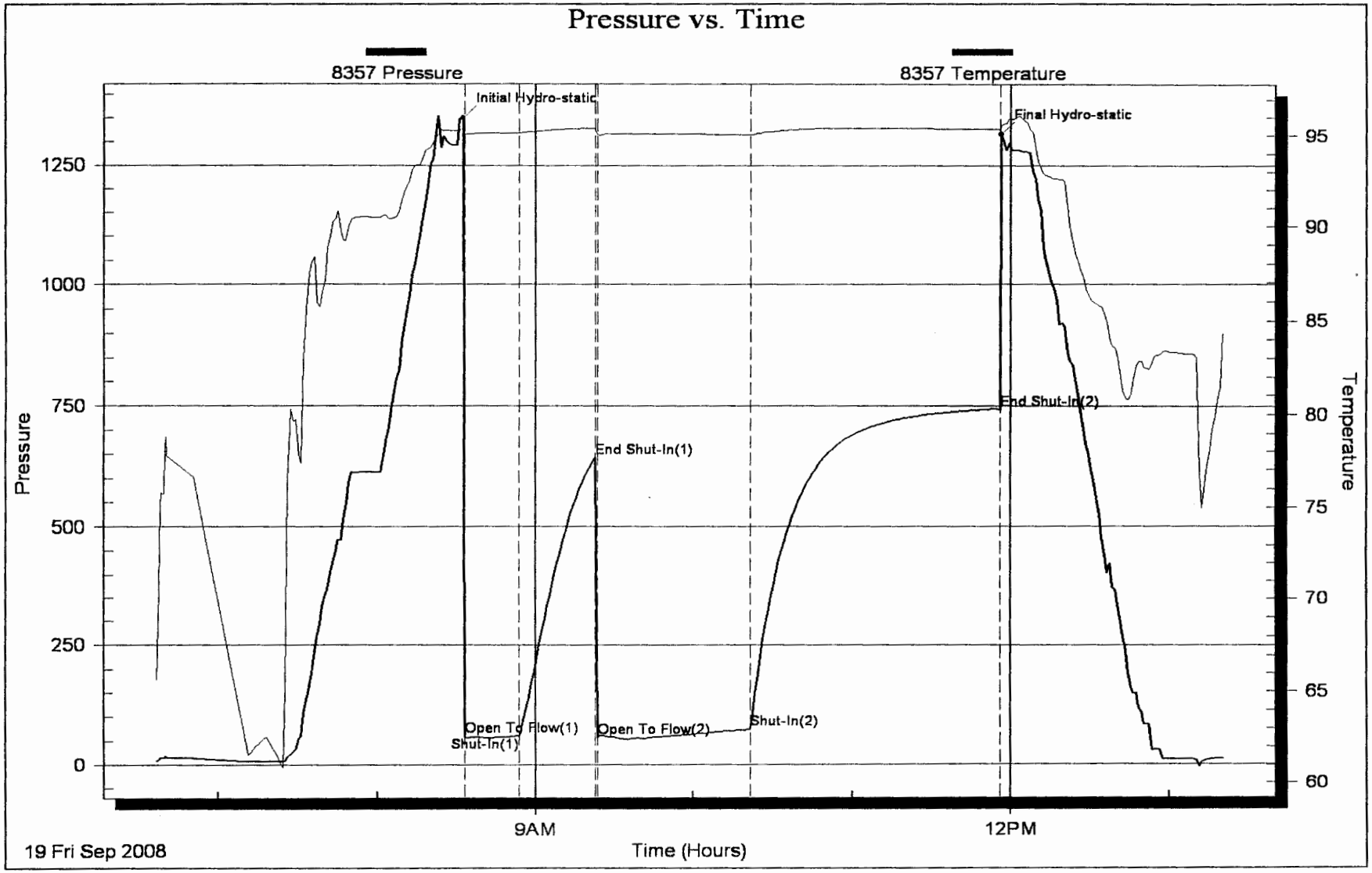
Test Start: 2008.09.19 @ 06:36:47

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)
2	20	0.13	2.00	6.14
2	20	0.13	2.00	6.14
2	20	0.13	2.00	6.14
2	30	0.13	5.00	7.26
2	40	0.13	7.00	8.01
2	60	0.13	11.00	9.51


Pressure vs. Time
8357 Pressure
8357 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1250
1000
750
500
250
0
95
90
85
80
75
70
65
60
9AM
12PM
19 Fri Sep 2008
Time (Hours)