

1048244

Operator Name: Schmitt, Carmen, Inc. Lease Name: SHAFFER Well #: 3

Sec. 36 Twp. 16 S. R. 15 East West County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Toronto</td> <td>3198</td> <td>-1205</td> </tr> </table>	Name	Top	Datum	Toronto	3198	-1205
Name	Top	Datum					
Toronto	3198	-1205					

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	470	Common	235	3%cc,
Production	7.875	5.5	14	3512	Standard	150	5% salt, 4% calseal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	3198-3202	500 gal 15% MCA	3198-3202
	Bridge Plug		3225

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>3166</u>	Packer At: <u>3166</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>9/8/2010</u>		Producing Method: <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>45</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio <u>46</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>3198-3202</u>
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*Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner*

December 16, 2010

Francis Hitschmann
Schmitt, Carmen, Inc.
PO BOX 47
GREAT BEND, KS 67530-0047

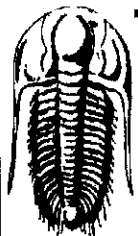
Re: ACO1
API 15-009-25306-00-00
SHAFFER 3
NW/4 Sec.36-16S-15W
Barton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Francis Hitschmann



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Bob Schreiber

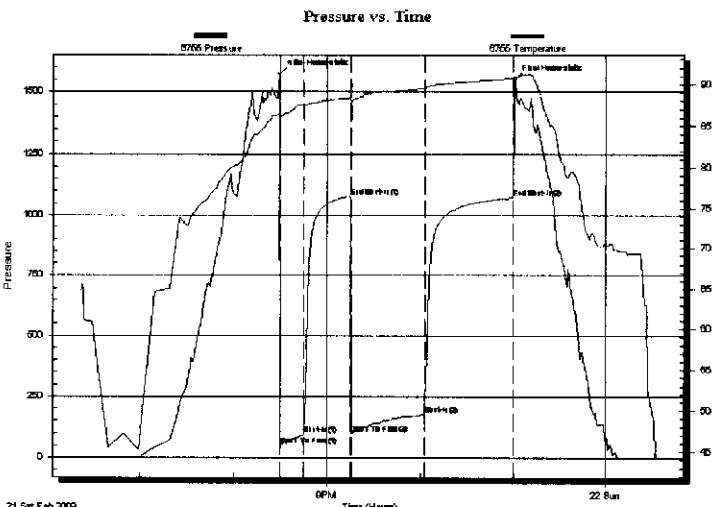
Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36094 **DST#: 1**
 Test Start: 2009.02.21 @ 18:22:43

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:29:43
 Time Test Ended: 00:32:43
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Interval: **3094.00 ft (KB) To 3174.00 ft (KB) (TVD)**
 Total Depth: 3174.00 ft (KB) (TVD)
 Reference Elevations: 1997.00 ft (KB)
 1992.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**
 Press@RunDepth: 174.76 psig @ 3098.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.21 End Date: 2009.02.22 Last Calib.: 2009.02.22
 Start Time: 18:22:45 End Time: 00:32:43 Time On Btm: 2009.02.21 @ 20:29:13
 Time Off Btm: 2009.02.21 @ 23:00:43

TEST COMMENT: IFF-Fair Blow ,Built to 7"
 IS-Dead
 FFP-Good Blow ,BOB in 34 Min.
 FSI-Dead



PRESSURE SUMMARY

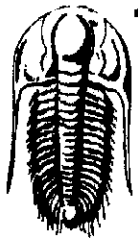
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1571.77	86.46	Initial Hydro-static
1	48.31	85.53	Open To Flow (1)
16	94.13	87.57	Shut-In(1)
46	1078.81	88.39	End Shut-In(1)
46	98.91	87.86	Open To Flow (2)
93	174.76	89.55	Shut-In(2)
151	1072.81	90.77	End Shut-In(2)
152	1548.92	90.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
275.00	Watery Mud	1.62

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Bob Schreiber

Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36094 **DST#: 1**
 Test Start: 2009.02.21 @ 18:22:43

Mud and Cushion Information

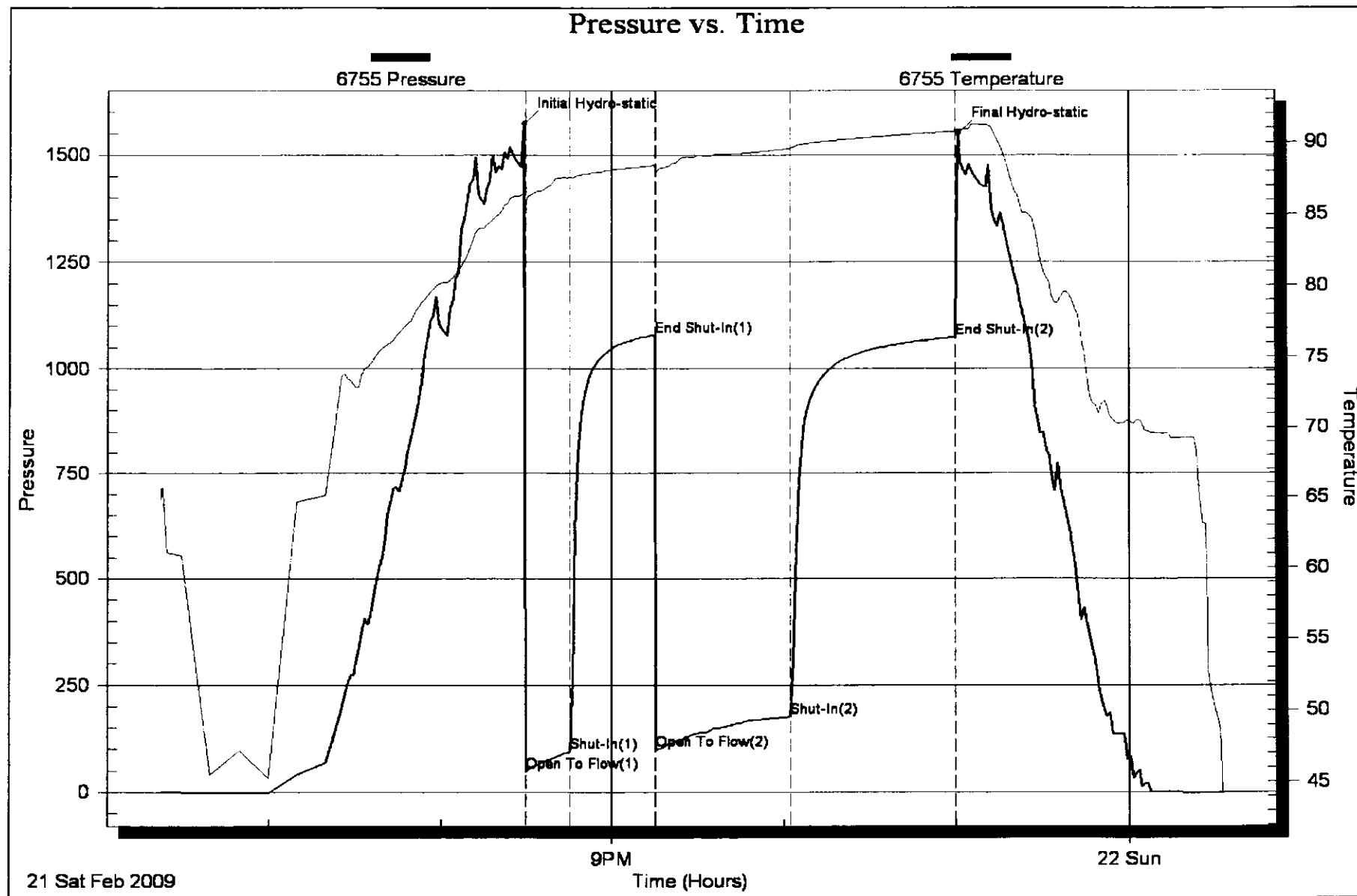
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	95000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 0.06 inches			

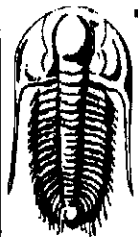
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
275.00	Watery Mud	1.617

Total Length: 275.00 ft Total Volume: 1.617 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .253 @ 23F 95000





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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
PO Box 47
Great Bend, KS 67530

ATTN: Bob Schreiber

Schaffer #3
36-16s-15w Barton KS
Job Ticket: 36095 **DST#: 2**
Test Start: 2009.02.22 @ 10:35:07

Mud and Cushion Information

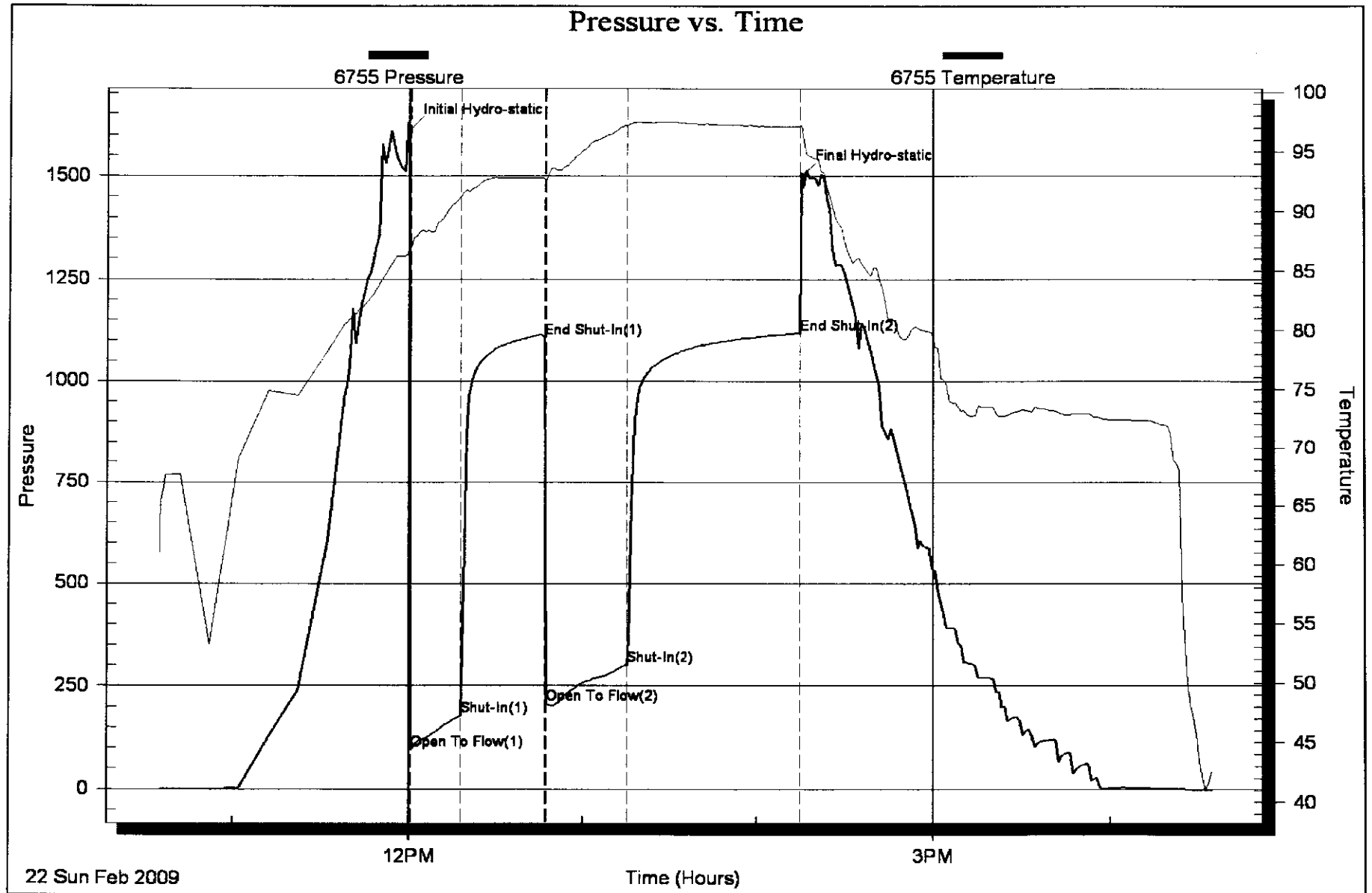
Mud Type: Gel Chem	Cushion Type:	Oil API: 48 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 35000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.96 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6800.00 ppm		
Filter Cake: 0.06 inches		

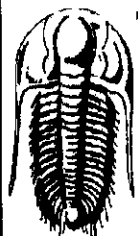
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
480.00	GassyMWCO-25%G-60%O-10%W-5%M	4.492
155.00	GassyHOOM-25%G-50%O-25%M	2.174

Total Length: 635.00 ft Total Volume: 6.666 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .329 @ 50F 35000





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Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Bob Schreiber

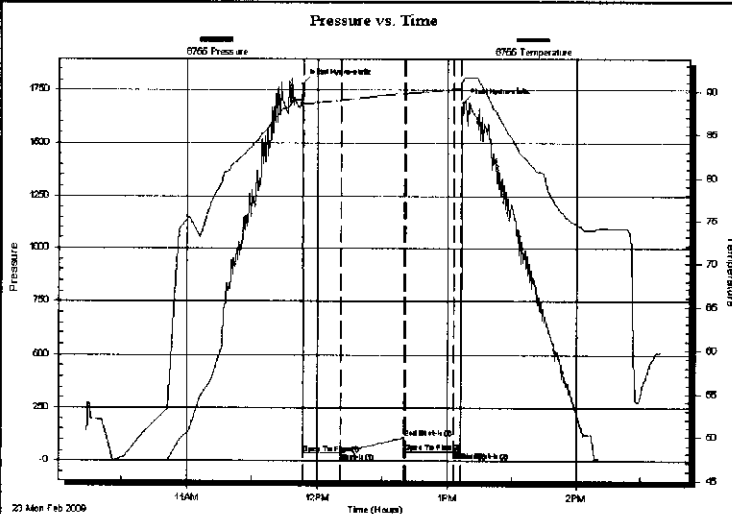
Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36096 **DST#: 3**
 Test Start: 2009.02.23 @ 10:14:17

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:53:47
 Time Test Ended: 14:39:47
 Interval: **3472.00 ft (KB) To 3504.00 ft (KB) (TVD)**
 Total Depth: 3504.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 1997.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**
 Press@RunDepth: 44.31 psig @ 3476.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.23 End Date: 2009.02.23 Last Calib.: 2009.02.23
 Start Time: 10:14:19 End Time: 14:39:47 Time On Btm: 2009.02.23 @ 11:53:17
 Time Off Btm: 2009.02.23 @ 13:07:17

TEST COMMENT: IFP-Weak Surface Blow
 IS-Dead
 FFP-Weak Surface Blow, Shut in and Pulled Tool



PRESSURE SUMMARY

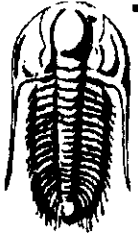
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1778.09	89.04	Initial Hydro-static
1	35.73	88.52	Open To Flow (1)
18	40.59	88.99	Shut-In(1)
47	109.37	89.79	End Shut-In(1)
48	41.77	89.77	Open To Flow (2)
70	42.30	90.28	Shut-In(2)
73	44.31	90.37	End Shut-In(2)
74	1689.15	91.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Drilling Mud	0.04

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
PO Box 47
Great Bend, KS 67530
ATTN: Bob Schreiber

Schaffer #3
36-16s-15w Barton KS
Job Ticket: 36096 **DST#: 3**
Test Start: 2009.02.23 @ 10:14:17

Mud and Cushion Information

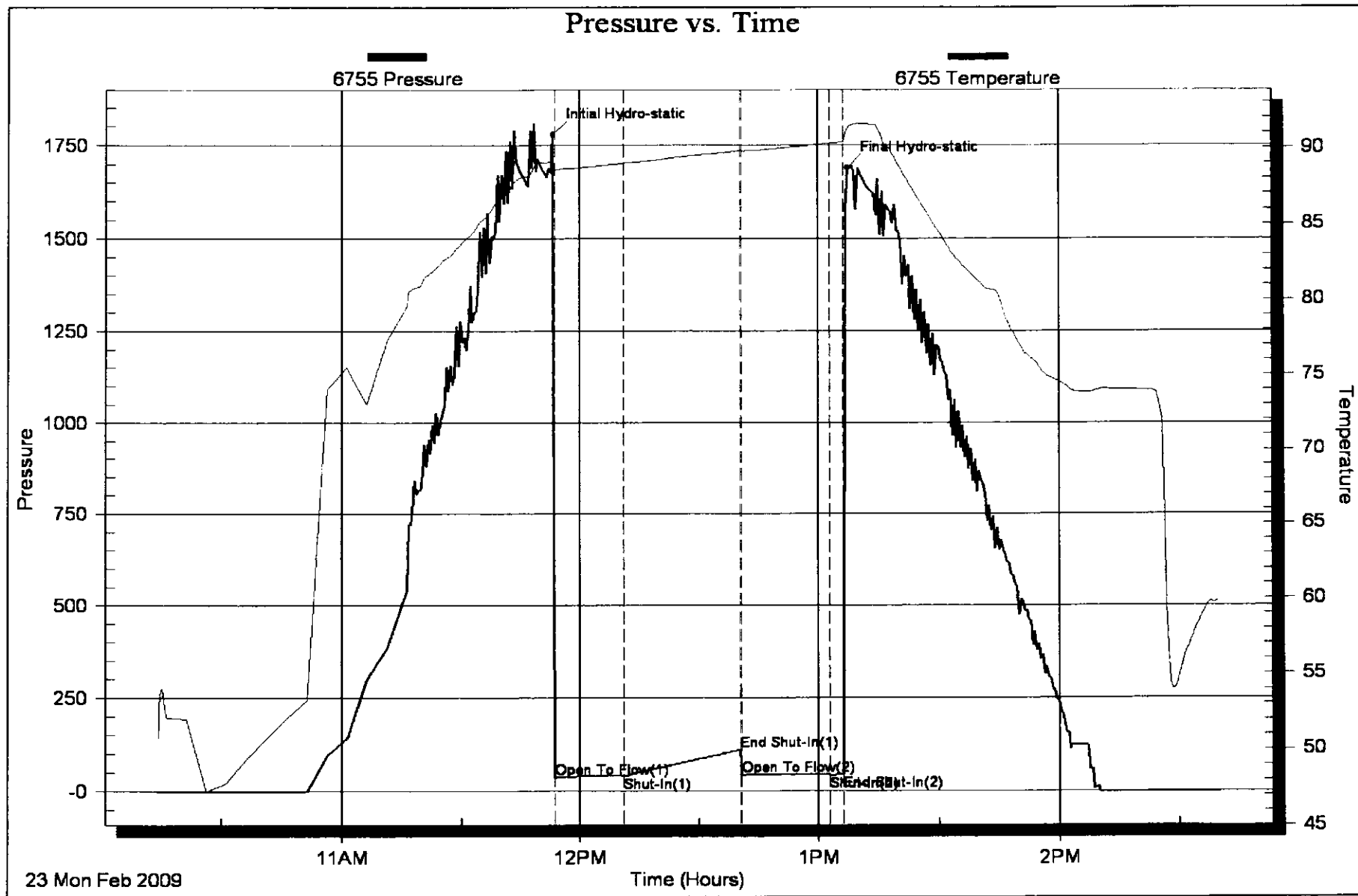
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 0.06 inches			

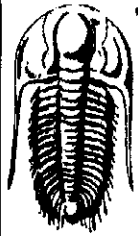
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Drilling Mud	0.039

Total Length: 8.00 ft Total Volume: 0.039 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





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DRILL STEM TEST REPORT

Carmen Schmitt, Inc
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 ATTN: Bob Schreiber

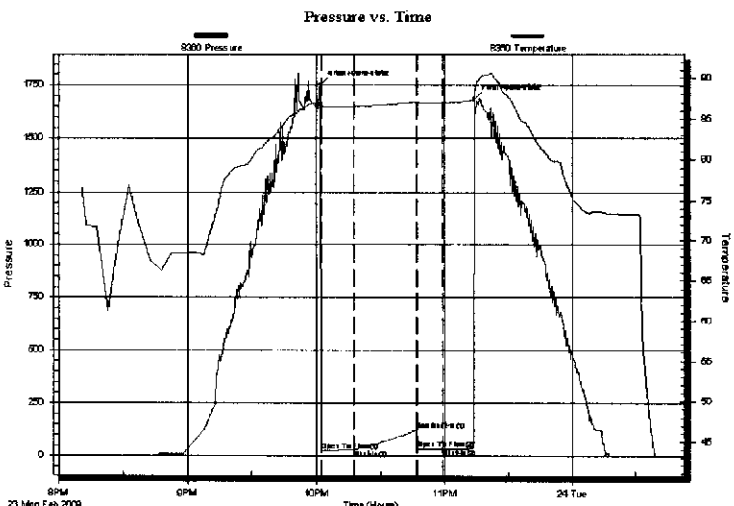
Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36097 **DST#: 4**
 Test Start: 2009.02.23 @ 20:10:50

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:02:20
 Time Test Ended: 00:39:50
 Interval: **3472.00 ft (KB) To 3512.00 ft (KB) (TVD)**
 Total Depth: 3512.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 1997.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8360 Inside
 Press@RunDepth: 29.33 psig @ 3476.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.23 End Date: 2009.02.24 Last Calib.: 2009.02.24
 Start Time: 20:10:52 End Time: 00:39:50 Time On Btm: 2009.02.23 @ 22:01:50
 Time Off Btm: 2009.02.23 @ 23:13:50

TEST COMMENT: IFF-Weak Surface Blow ,Dead in 10 Min.
 IS-Dead
 FFP-Weak Surface Blow ,Building to 1/2"
 FSI-Shut in And Pulled Tool



PRESSURE SUMMARY

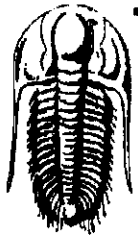
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.83	87.00	Initial Hydro-static
1	24.47	86.58	Open To Flow (1)
16	29.33	86.52	Shut-In(1)
45	125.38	87.11	End Shut-In(1)
46	33.31	87.07	Open To Flow (2)
57	35.01	86.99	Shut-In(2)
72	1685.30	88.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud W/Oil Specs in top Of Tool	0.05

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
PO Box 47
Great Bend, KS 67530
ATTN: Bob Schreiber

Schaffer #3
36-16s-15w Barton KS
Job Ticket: 36097 **DST#: 4**
Test Start: 2009.02.23 @ 20:10:50

Mud and Cushion Information

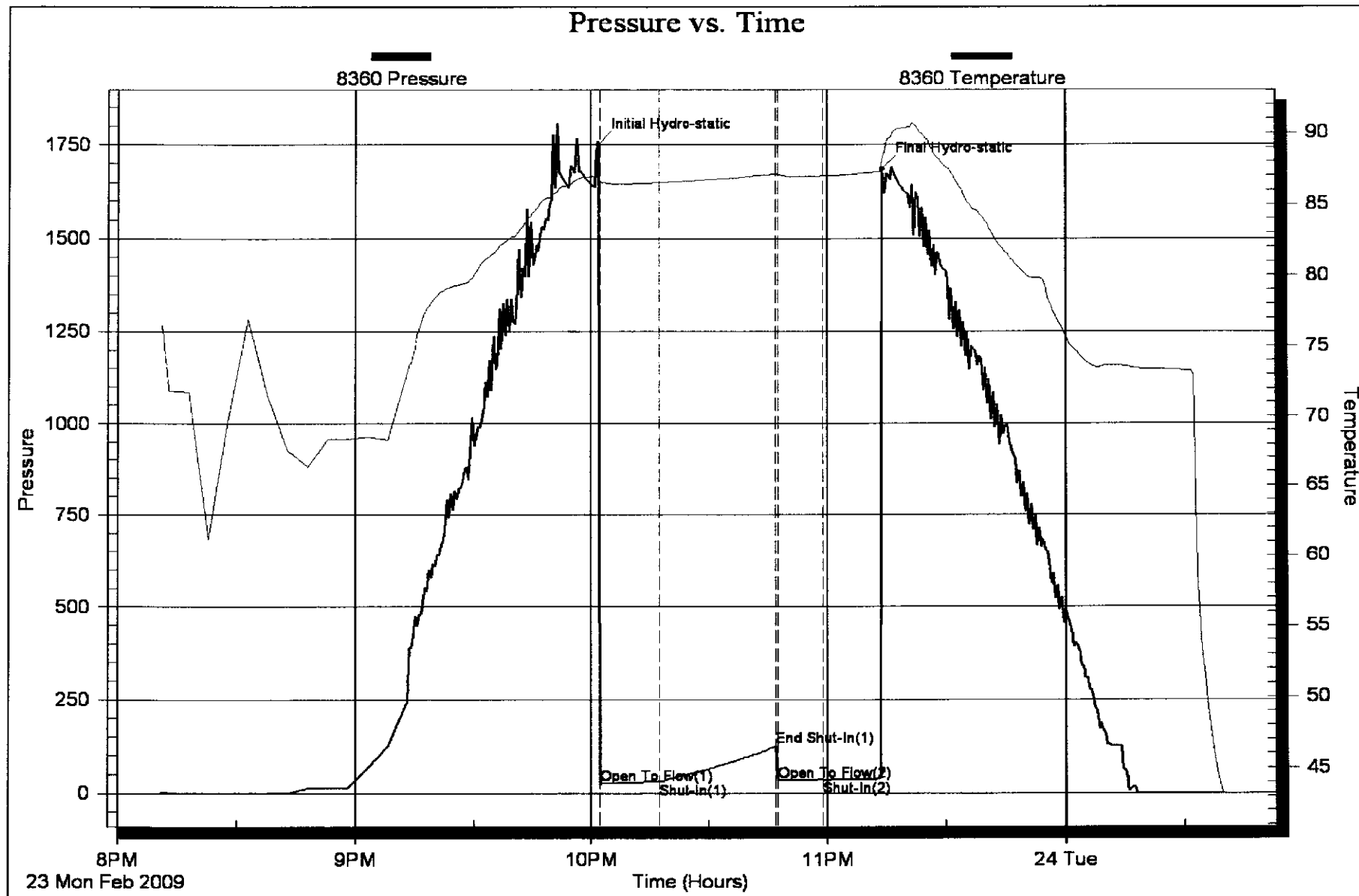
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 0.06 inches			

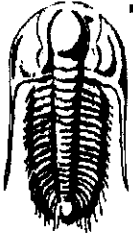
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud W/Oil Specs in top Of Tool	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:





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DRILL STEM TEST REPORT

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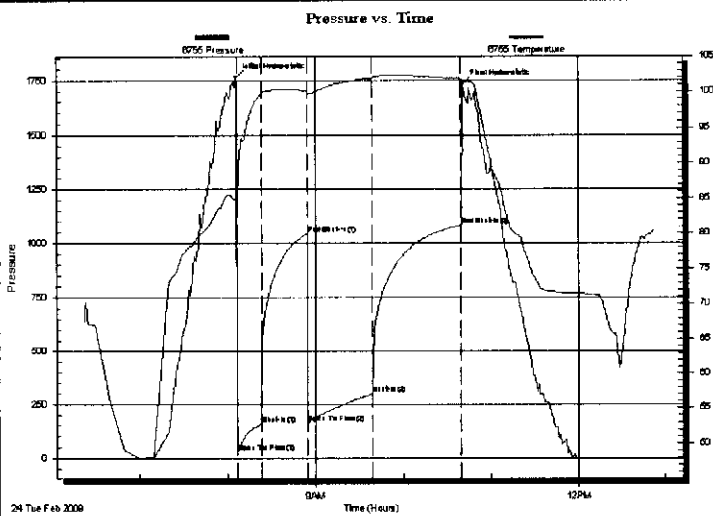
Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36098 **DST#: 5**
 Test Start: 2009.02.24 @ 06:23:09

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:06:39
 Time Test Ended: 12:52:39
 Interval: **3507.00 ft (KB) To 3517.00 ft (KB) (TVD)**
 Total Depth: 3517.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 1997.00 ft (KB)
 1992.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6755 **Inside**
 Press@RunDepth: 299.52 psig @ 3509.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2009.02.24 End Date: 2009.02.24 Last Calib.: 2009.02.24
 Start Time: 06:23:11 End Time: 12:52:39 Time On Btm: 2009.02.24 @ 08:06:09
 Time Off Btm: 2009.02.24 @ 10:40:39

TEST COMMENT: IFF-Strong, BOB in 5 Min.
 ISI-Blow back Built to 1/4"
 FFP-Strong, BOB in 5 Min.
 FSI-Intermittant Surface Blow back



24 Tue Feb 2009

PRESSURE SUMMARY

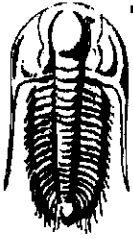
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1764.06	84.80	Initial Hydro-static
1	27.02	84.26	Open To Flow (1)
17	156.91	99.56	Shut-In(1)
48	1041.16	100.15	End Shut-In(1)
49	162.63	99.78	Open To Flow (2)
93	299.52	101.94	Shut-In(2)
153	1081.72	101.79	End Shut-In(2)
155	1731.84	101.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
600.00	Gassy Muddy Water	6.18
20.00	Muddy Water W/Oil Specks	0.28

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt, Inc
 PO Box 47
 Great Bend, KS 67530
 ATTN: Bob Schreiber

Schaffer #3
36-16s-15w Barton KS
 Job Ticket: 36098 **DST#: 5**
 Test Start: 2009.02.24 @ 06:23:09

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:	28000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 0.06 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
600.00	Gassy Muddy Water	6.175
20.00	Muddy Water W/Oil Specks	0.281

Total Length: 620.00 ft Total Volume: 6.456 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

