



DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp**

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

27-11-16 Ellis co KS

Callison #27-1

Start Date: 2001.08.07 @ 00:18:40

End Date: 2001.08.07 @ 07:35:09

Job Ticket #: 15471 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

Imperial American Oil Corp

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

Callison #27-1

27-11-16 Ellis co KS

Job Ticket: 15471

DST#: 1

Test Start: 2001.08.07 @ 00:18:40

GENERAL INFORMATION:

Formation: C-D LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:56:39

Time Test Ended: 07:35:09

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 2977.00 ft (KB) To 3010.00 ft (KB) (TVD)

Total Depth: 3010.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1745.00 ft (KB)

1740.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2357

Inside

Press@RunDepth: 228.84 psig @ 2983.01 ft (KB)

Start Date: 2001.08.07

End Date: 2001.08.07

Start Time: 00:18:40

End Time: 07:35:09

Capacity: 7000.00 psig

Last Calib.: 2001.01.13

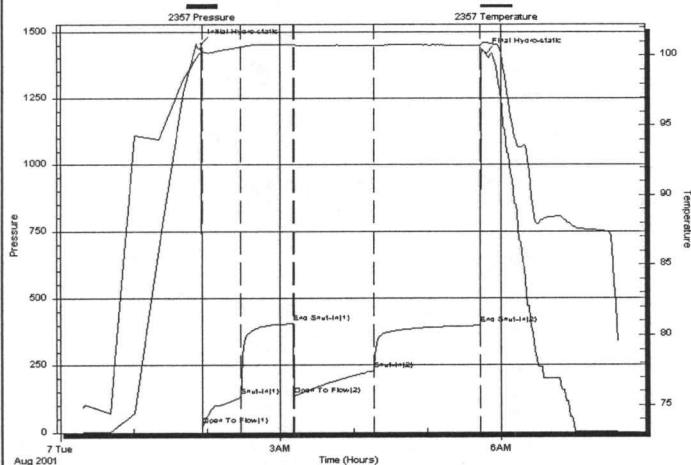
Time On Btm: 2001.08.07 @ 01:55:39

Time Off Btm: 2001.08.07 @ 05:47:39

TEST COMMENT: IF-Strong BOB in 9 min
FF-Strong BOB in 6 min

Times 30-45-60-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1454.46	100.23	Initial Hydro-static
1	24.32	100.29	Open To Flow (1)
32	131.04	100.62	Shut-In(1)
75	406.52	100.80	End Shut-In(1)
76	137.69	100.79	Open To Flow (2)
141	228.84	100.72	Shut-In(2)
228	398.19	100.74	End Shut-In(2)
232	1417.71	100.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water Rw .17 @ 80 = 40000ppm	0.59
60.00	Silly OCMudyW 4%o 56%w 40%m	0.33
190.00	HO&GCM 40%g 30%o 30%m	2.67
735.00	GIP	10.31

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15471

DST#: 1

ATTN: Hal Porter

Test Start: 2001.08.07 @ 00:18:40

Tool Information

Drill Pipe:	Length: 2800.00 ft	Diameter: 3.80 inches	Volume: 39.28 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	40.15 bbl	Tool Chased 0.01 ft
Drill Pipe Above KB:	20.01 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	2977.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.02 ft			
Tool Length:	54.02 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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C.O. Sub	1.00		2957.00	
S.I. Tool	5.00		2962.00	
HMV	5.00		2967.00	
Packer	5.00		2972.00	21.00 Bottom Of Top Packer
Packer	5.00		2977.00	
Stubb	1.00		2978.00	
Perforations	5.00		2983.00	
Recorder	0.01	2357 Inside	2983.01	
Perforations	24.00		3007.01	
Recorder	0.01	13254 Outside	3007.02	
Bullnose	3.00		3010.02	33.02 Bottom Packers & Anchor

Total Tool Length: 54.02



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15471

DST#: 1

ATTN: Hal Porter

Test Start: 2001.08.07 @ 00:18:40

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:

40000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.72 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water Rw .17 @ 80 = 40000ppm	0.590
60.00	Sltly OCMudyW 4%o 56%w 40%m	0.331
190.00	HO&GCM 40%g 30%o 30%m	2.665
735.00	GIP	10.310

Total Length: 1105.00 ft

Total Volume: 13.896 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 735 GIP

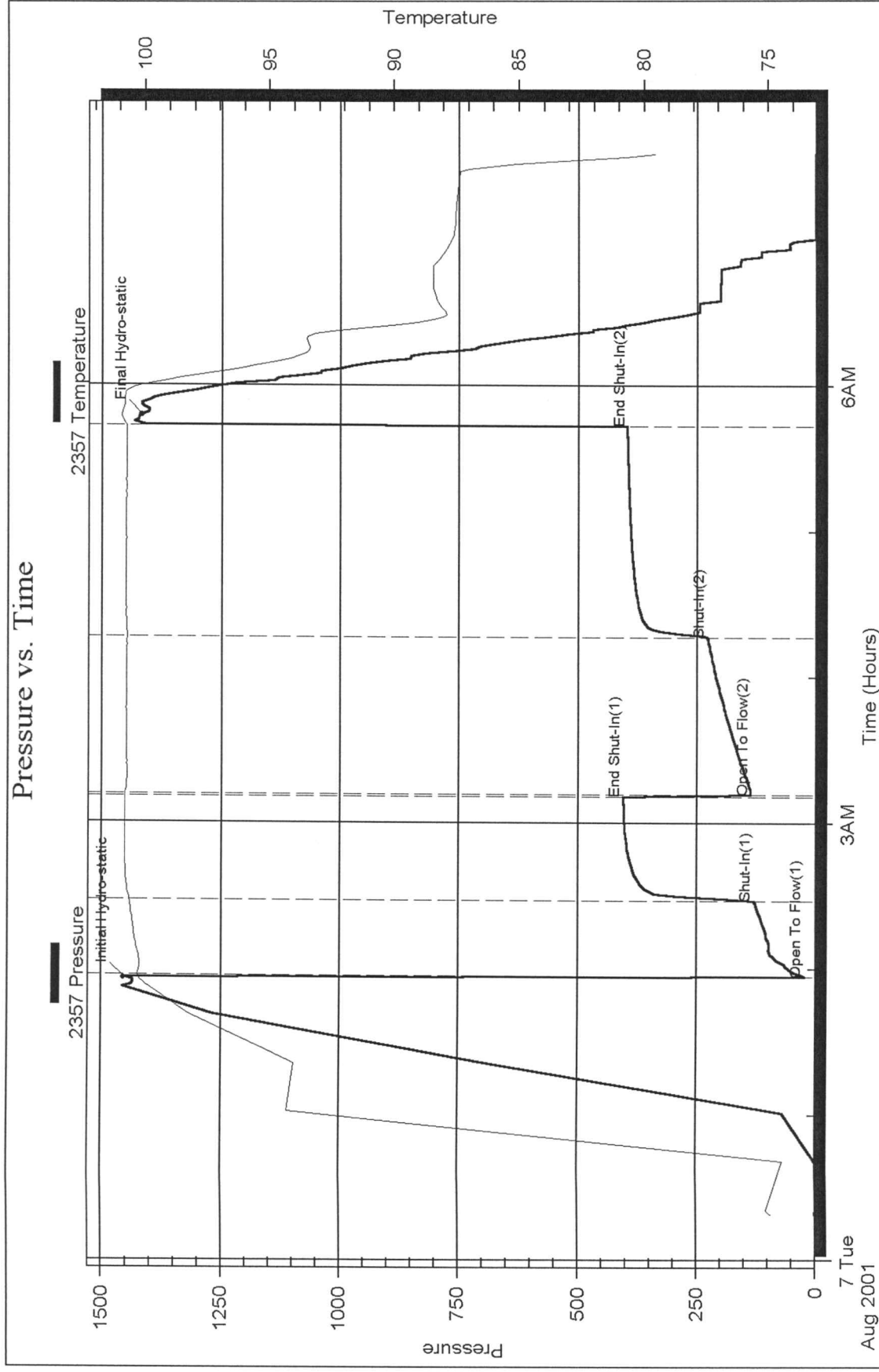
Serial #: 2357

Inside

Imperial American Oil Corp

27-11-16 Ellis co KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp**

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

27-11-16 Ellis co KS

Callison #27-1

Start Date: 2001.08.07 @ 15:07:41

End Date: 2001.08.07 @ 22:05:11

Job Ticket #: 15472 DST #: 2

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

Imperial American Oil Corp

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

Callison #27-1

27-11-16 Ellis co KS

Job Ticket: 15472

DST#: 2

Test Start: 2001.08.07 @ 15:07:41

GENERAL INFORMATION:

Formation: **F LKC**

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

Time Tool Opened: 16:45:11

Time Test Ended: 22:05:11

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3034.00 ft (KB) To 3046.00 ft (KB) (TVD)**

Total Depth: **3046.00 ft (KB) (TVD)**

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

Reference Elevations: **1745.00 ft (KB)**

1740.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **2357** Inside

Press@RunDepth: **117.18 psig @ 3035.01 ft (KB)**

Start Date: **2001.08.07**

End Date: **2001.08.07**

Start Time: **15:07:42**

End Time: **22:05:11**

Capacity: **7000.00 psig**

Last Calib.: **2001.01.13**

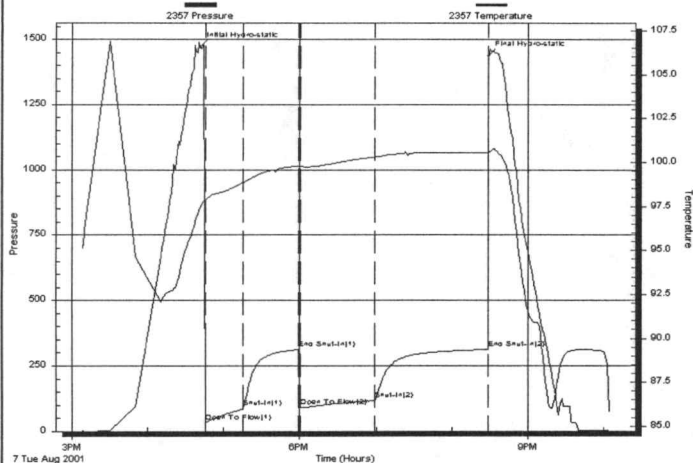
Time On Btm: **2001.08.07 @ 16:41:11**

Time Off Btm: **2001.08.07 @ 20:29:11**

TEST COMMENT: IF-Strong- BOB in 10 min
FF-Strong-BOB in 25 min

Times 30-45-60-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1469.26	97.42	Initial Hydro-static
4	31.27	97.88	Open To Flow (1)
35	86.22	98.85	Shut-In(1)
78	312.37	99.79	End Shut-In(1)
79	91.83	99.78	Open To Flow (2)
138	117.18	100.30	Shut-In(2)
228	312.59	100.52	End Shut-In(2)
228	1437.16	100.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Muddy water Rw .14 @ 80= 53000ppm	0.59
60.00	Slitly OCGsyM 20%g 5%o 75%m	0.33
62.00	Slitly MCGsy O 20%g 75%o 5%m	0.87
375.00	GIP	5.26

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15472

DST#: 2

ATTN: Hal Porter

Test Start: 2001.08.07 @ 15:07:41

Tool Information

Drill Pipe:	Length: 2862.00 ft	Diameter: 3.80 inches	Volume: 40.15 bbl	Tool Weight: 1200.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 41.02 bbl	Tool Chased 0.01 ft
Drill Pipe Above KB:	25.01 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3034.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.02 ft			
Tool Length:	33.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3014.00	
S.I. Tool	5.00			3019.00	
HMV	5.00			3024.00	
Packer	5.00			3029.00	21.00 Bottom Of Top Packer
Packer	5.00			3034.00	
Stubb	1.00			3035.00	
Recorder	0.01	2357	Inside	3035.01	
Perforations	8.00			3043.01	
Recorder	0.01	13254	Outside	3043.02	
Bullnose	3.00			3046.02	12.02 Bottom Packers & Anchor
Total Tool Length:		33.02			



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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15472

DST#: 2

ATTN: Hal Porter

Test Start: 2001.08.07 @ 15:07:41

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:

53000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mudy w ater Rw .14 @ 80= 53000ppm	0.590
60.00	Sltly OCGsyM 20%g 5%o 75%m	0.331
62.00	Sltly MCGsy O 20%g 75%o 5%m	0.870
375.00	GIP	5.260

Total Length: 617.00 ft

Total Volume: 7.051 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

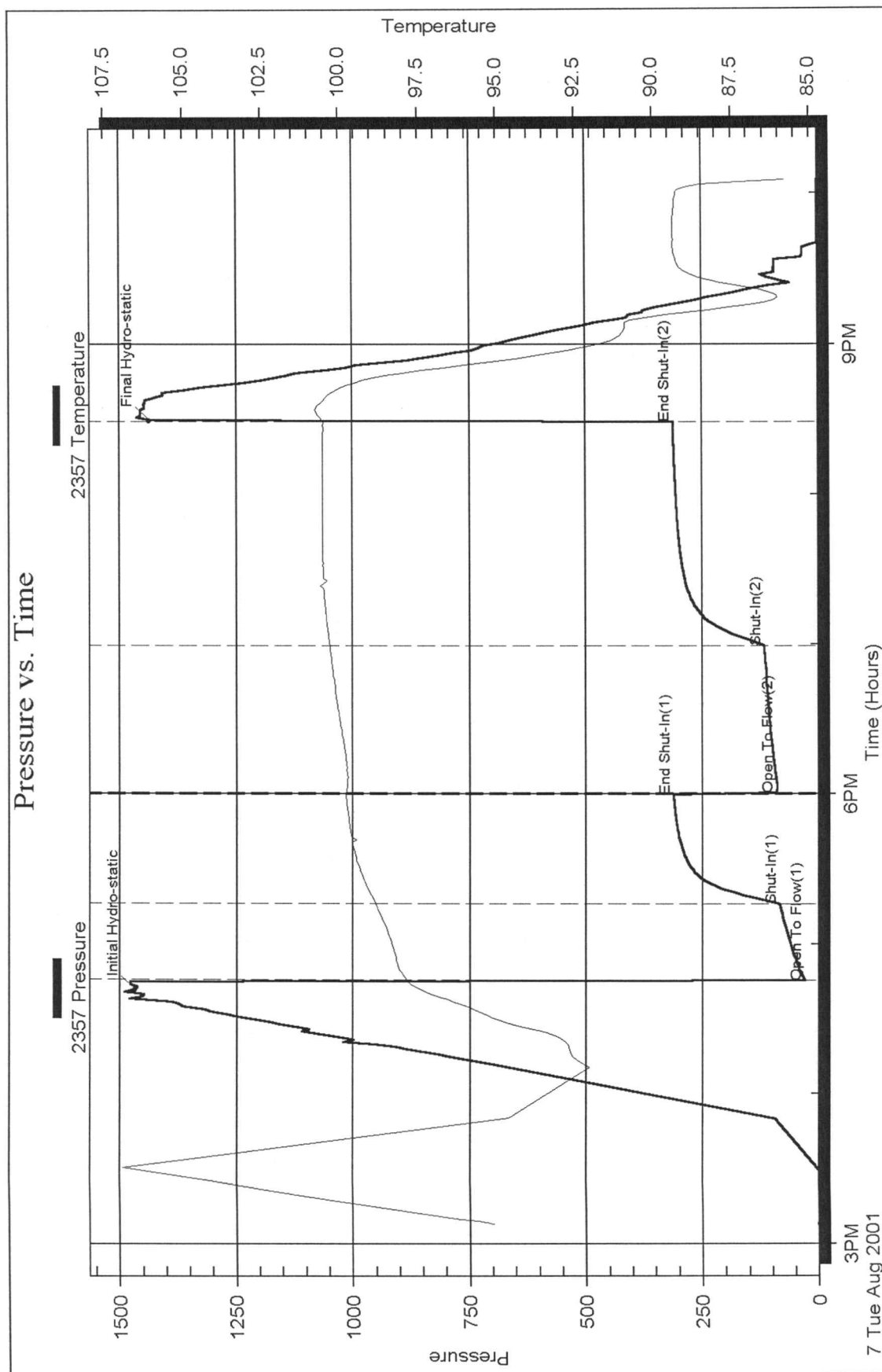
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 375 GIP

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp**

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

27-11-16 Ellis co KS

Callison #27-1

Start Date: 2001.08.08 @ 04:24:29

End Date: 2001.08.08 @ 10:20:59

Job Ticket #: 15473 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

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15473

DST#: 3

ATTN: Hal Porter

Test Start: 2001.08.08 @ 04:24:29

GENERAL INFORMATION:

Formation: **G LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:52:59

Time Test Ended: 10:20:59

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3051.00 ft (KB) To 3063.00 ft (KB) (TVD)**

Total Depth: 3063.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1745.00 ft (KB)

1740.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2357

Inside

Press@RunDepth: 43.66 psig @ 3052.01 ft (KB)

Start Date: 2001.08.08 End Date: 2001.08.08

Start Time: 04:24:30 End Time: 10:20:59

Capacity: 7000.00 psig

Last Calib.: 2001.01.13

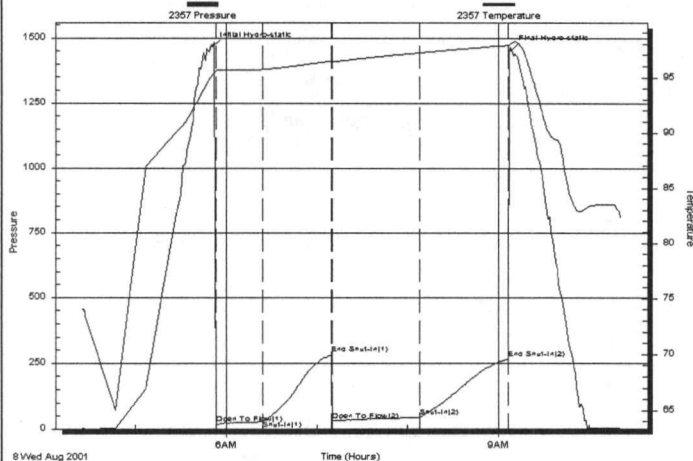
Time On Btm: 2001.08.08 @ 05:50:59

Time Off Btm: 2001.08.08 @ 09:08:59

TEST COMMENT: IF-Weak building to 2"
FF-Weak building to 2"

Times 30-45-60-60

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1467.08	95.25	Initial Hydro-static
2	15.79	95.56	Open To Flow (1)
33	27.58	95.70	Shut-In(1)
79	281.23	96.45	End Shut-In(1)
79	29.88	96.45	Open To Flow (2)
137	43.66	97.21	Shut-In(2)
196	265.51	97.87	End Shut-In(2)
198	1452.88	98.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	HOCsym 10%g 30%o 60%m	0.32
120.00	GIP	0.67

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15473

DST#: 3

ATTN: Hal Porter

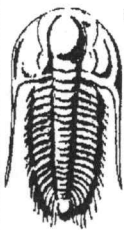
Test Start: 2001.08.08 @ 04:24:29

Tool Information

Drill Pipe:	Length: 2862.00 ft	Diameter: 3.80 inches	Volume: 40.15 bbl	Tool Weight: 1200.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 41.02 bbl	Tool Chased 0.01 ft
Drill Pipe Above KB:	8.01 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3051.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.02 ft			
Tool Length:	33.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3031.00	
S.I. Tool	5.00			3036.00	
HMV	5.00			3041.00	
Packer	5.00			3046.00	21.00 Bottom Of Top Packer
Packer	5.00			3051.00	
Stubb	1.00			3052.00	
Recorder	0.01	2357	Inside	3052.01	
Perforations	8.00			3060.01	
Recorder	0.01	13254	Outside	3060.02	
Bullnose	3.00			3063.02	12.02 Bottom Packers & Anchor
Total Tool Length:	33.02				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15473

DST#: 3

ATTN: Hal Porter

Test Start: 2001.08.08 @ 04:24:29

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.73 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	HOCgsyM 10%g 30%o 60%m	0.320
120.00	GIP	0.672

Total Length: 185.00 ft

Total Volume: 0.992 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

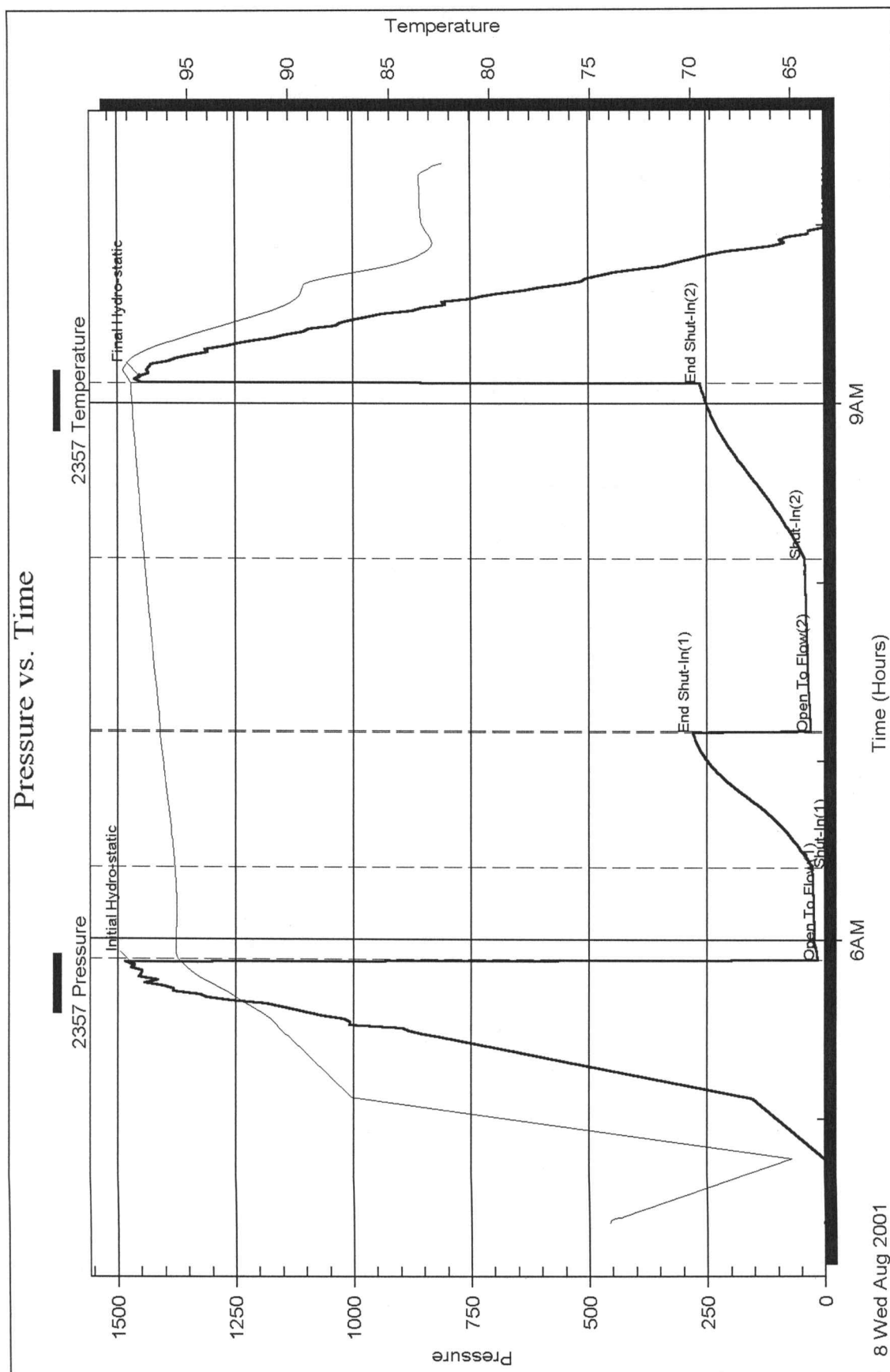
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 120' GIP

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp**

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

27-11-16 Ellis co KS

Callison #27-1

Start Date: 2001.08.08 @ 18:50:11

End Date: 2001.08.08 @ 23:35:41

Job Ticket #: 15474 DST #: 4

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

Imperial American Oil Corp

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

Callison #27-1

27-11-16 Ellis co KS

Job Ticket: 15474

DST#: 4

Test Start: 2001.08.08 @ 18:50:11

GENERAL INFORMATION:

Formation: I LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:08:11

Time Test Ended: 23:35:41

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3101.00 ft (KB) To 3123.00 ft (KB) (TVD)

Total Depth: 3123.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1745.00 ft (KB)

1740.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2357 Inside

Press@RunDepth: 26.08 psig @ 3102.01 ft (KB)

Start Date: 2001.08.08

End Date:

2001.08.08

Start Time: 18:50:12

End Time:

23:35:41

Capacity: 7000.00 psig

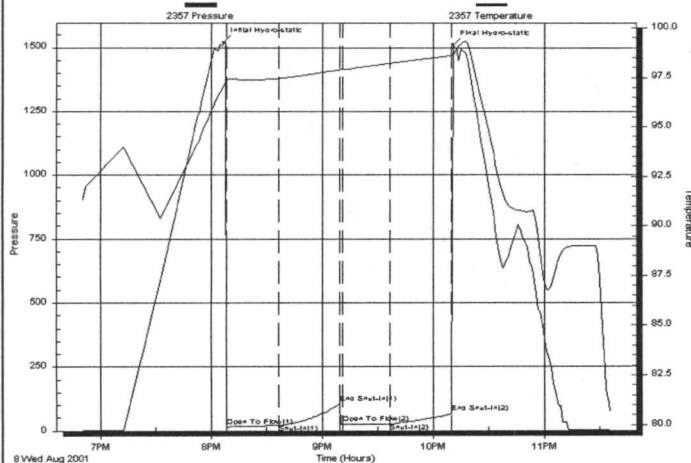
Last Calib.: 2001.01.13

Time On Btm: 2001.08.08 @ 20:06:41

Time Off Btm: 2001.08.08 @ 22:10:41

TEST COMMENT: IF-Weak died in 5 min
FF-No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1519.71	97.13	Initial Hydro-static
2	14.44	97.36	Open To Flow (1)
30	20.93	97.45	Shut-In(1)
63	106.29	97.89	End Shut-In(1)
64	23.88	97.91	Open To Flow (2)
90	26.08	98.21	Shut-In(2)
123	65.03	98.59	End Shut-In(2)
124	1510.56	98.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 10% o 90% m	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15474

DST#: 4

ATTN: Hal Porter

Test Start: 2001.08.08 @ 18:50:11

Tool Information

Drill Pipe:	Length: 2926.00 ft	Diameter: 3.80 inches	Volume: 41.04 bbl	Tool Weight: 1300.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 41.91 bbl	Tool Chased 0.01 ft
Drill Pipe Above KB:	22.01 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3101.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.02 ft			
Tool Length:	43.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3081.00	
S.I. Tool	5.00			3086.00	
HMV	5.00			3091.00	
Packer	5.00			3096.00	21.00 Bottom Of Top Packer
Packer	5.00			3101.00	
Stubb	1.00			3102.00	
Recorder	0.01	2357	Inside	3102.01	
Perforations	18.00			3120.01	
Recorder	0.01	13254	Outside	3120.02	
Bullnose	3.00			3123.02	22.02 Bottom Packers & Anchor
Total Tool Length:	43.02				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15474

DST#: 4

ATTN: Hal Porter

Test Start: 2001.08.08 @ 18:50:11

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 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
5.00	OCM 10%o 90%m	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

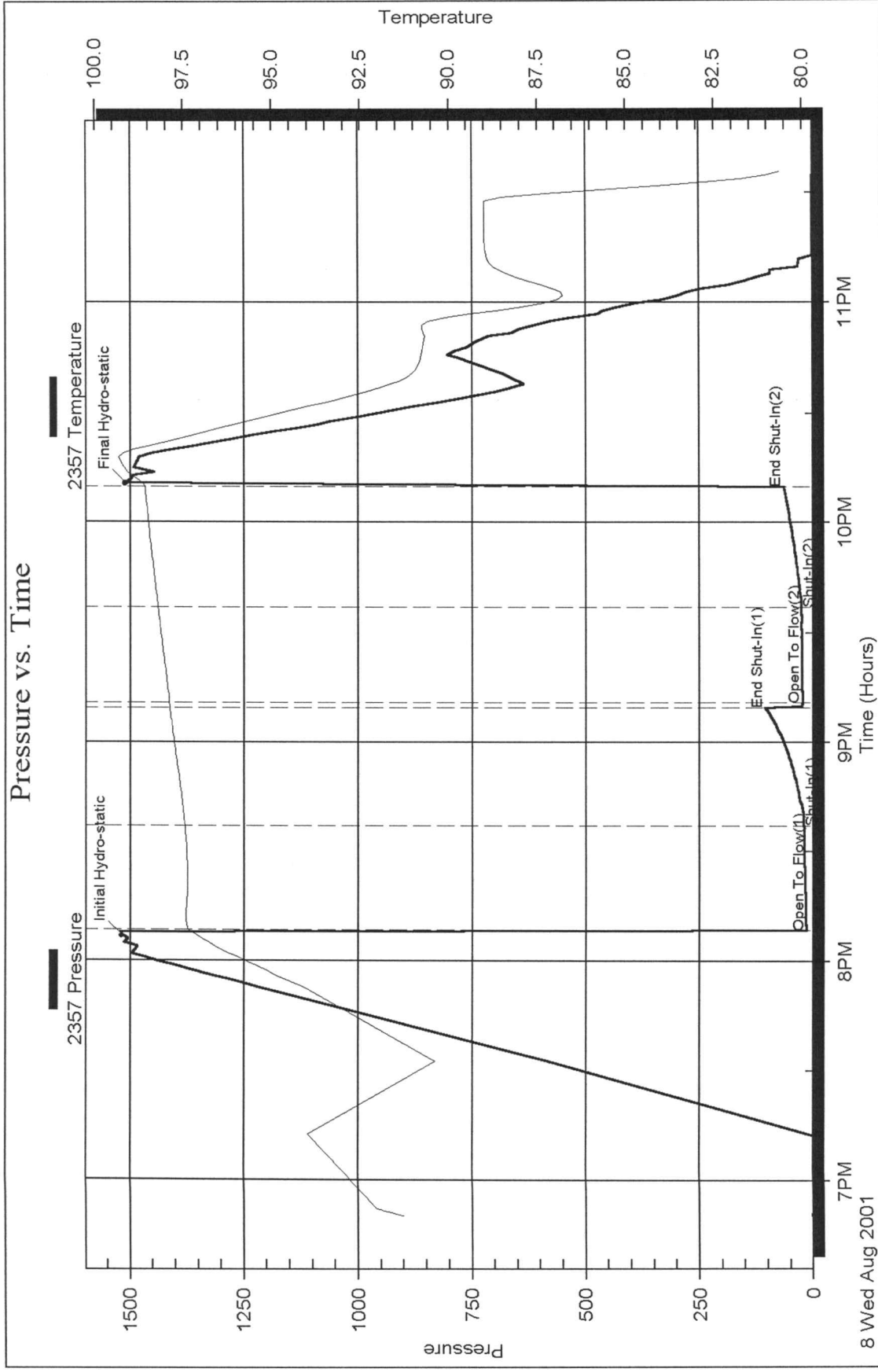
Serial #: 2357

Inside

Imperial American Oil Corp

27-11-16 Ellis co KS

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Imperial American Oil Corp**

10004 W. 20th St. N.
Wichita, KS 67212

ATTN: Hal Porter

27-11-16 Ellis co KS

Callison #27-1

Start Date: 2001.08.09 @ 07:27:44

End Date: 2001.08.09 @ 12:05:14

Job Ticket #: 15475 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

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

ATTN: Hal Porter

Job Ticket: 15475

DST#: 5

Test Start: 2001.08.09 @ 07:27:44

GENERAL INFORMATION:

Formation: **J LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:47:44

Time Test Ended: 12:05:14

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **3126.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Total Depth: 3150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1745.00 ft (KB)

1740.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 2357

Inside

Press@RunDepth: 27.50 psig @ 3127.01 ft (KB)

Start Date: 2001.08.09

End Date:

2001.08.09

Capacity: 7000.00 psig

Last Calib.: 2001.01.10

Start Time: 07:27:45

End Time:

12:05:14

Time On Btm: 2001.08.09 @ 08:43:14

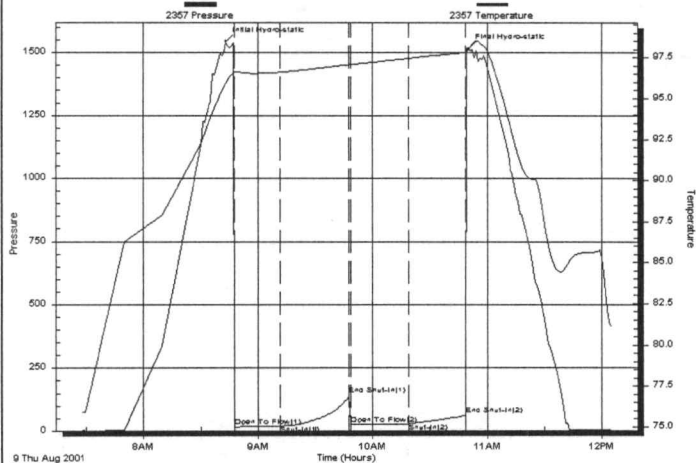
Time Off Btm: 2001.08.09 @ 10:50:14

TEST COMMENT: IF-Weak died in 5 min

FF-No blow

Times 30-30-30-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.10	95.94	Initial Hydro-static
5	15.10	96.63	Open To Flow (1)
29	19.91	96.62	Shut-In(1)
65	142.42	97.09	End Shut-In(1)
65	23.96	97.09	Open To Flow (2)
96	27.50	97.47	Shut-In(2)
126	60.67	97.82	End Shut-In(2)
127	1514.56	98.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w / oil spots	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15475

DST#: 5

ATTN: Hal Porter

Test Start: 2001.08.09 @ 07:27:44

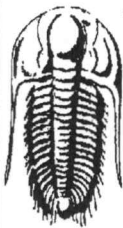
Tool Information

Drill Pipe:	Length: 2958.00 ft	Diameter: 3.80 inches	Volume: 41.49 bbl	Tool Weight:	1300.00 lb
Heavy Wt. Pipe:	Length: 0.01 ft	Diameter: 0.01 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 42.36 bbl	Tool Chased	0.01 ft
Drill Pipe Above KB:	29.01 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3126.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.02 ft				
Tool Length:	45.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3106.00	
S.I. Tool	5.00			3111.00	
HMV	5.00			3116.00	
Packer	5.00			3121.00	21.00 Bottom Of Top Packer
Packer	5.00			3126.00	
Stubb	1.00			3127.00	
Recorder	0.01	2357	Inside	3127.01	
Perforations	20.00			3147.01	
Recorder	0.01	13254	Outside	3147.02	
Bullnose	3.00			3150.02	24.02 Bottom Packers & Anchor
Total Tool Length:	45.02				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Imperial American Oil Corp

Callison #27-1

10004 W. 20th St. N.
Wichita, KS 67212

27-11-16 Ellis co KS

Job Ticket: 15475

DST#: 5

ATTN: Hal Porter

Test Start: 2001.08.09 @ 07:27:44

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 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
5.00	Mud w / oil spots	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 2357

Inside

Imperial American Oil Corp

27-11-16 Ellis co KS

DST Test Number: 5

