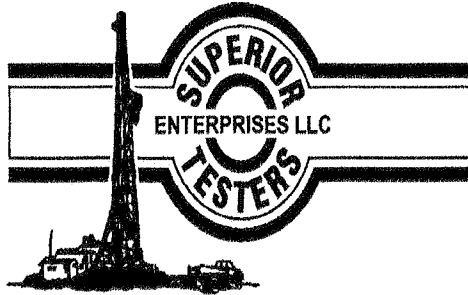


15-179-21257

36-9s-26w

IND



DRILL STEM TEST REPORT

Prepared For: **RAINS & WILLIAMSON OIL COMPANY INC.**

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

ATTN: SCOTT ALBERG

36-9S-26W SHERDIAN

FORE #4-36

Start Date: 2010.06.19 @ 02:20:00

End Date: 2010.06.19 @ 00:00:00

Job Ticket #: 15931

DST #: 1

RECEIVED

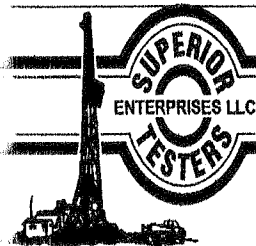
JUL 14 2010

KCC WICHITA

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.06.22 @ 01:47:46

RAINS & WILLIAMSON OIL COMPANY INC. FORE #4-36 36-9S-26W SHERDIAN DST # 1 TORONTO LANSING A.B. 2010.06.19



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15931

DST#: 1

ATTN: SCOTT ALBERG

Test Start: 2010.06.19 @ 02:20:00

GENERAL INFORMATION:

Formation: **TORONTO LANSING A,B,**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DYLAN ELLIS

Unit No: 3345-GB-252

Interval: **3842.00 ft (KB) To 3918.00 ft (KB) (TVD)**

Total Depth: 3918.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 4143

Inside

Press@RunDepth: 744.43 psia @ 3913.70 ft (KB)

Start Date: 2010.06.19

End Date: 2010.06.19

Capacity: 5000.00 psia

Last Calib.: 2010.06.19

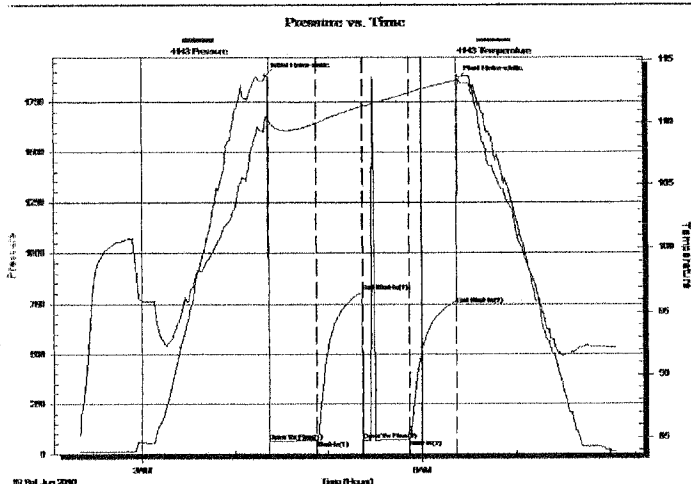
Start Time: 02:20:01

End Time: 08:04:16

Time On Btm: 2010.06.19 @ 04:20:15

Time Off Btm: 2010.06.19 @ 06:23:46

TEST COMMENT: 1st Opening 30 Minutes-Weak surface blow for 10 minutes and died
1st Shut-In 30 Minutes-No blow back into bucket of water
2nd Opening 30 Minutes- no blow-flushed tool-good surge weak blow for 2 minutes and died
2nd Shut-In 30 Minutes- No blow back



PRESSURE SUMMARY

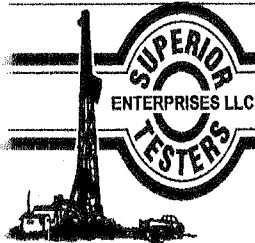
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1884.29	110.49	Initial Hydro-static
3	63.57	110.21	Open To Flow (1)
33	68.72	109.98	Shut-In(1)
62	809.25	111.30	End Shut-In(1)
63	68.96	111.20	Open To Flow (2)
93	73.33	112.39	Shut-In(2)
123	744.43	113.75	End Shut-In(2)
124	1862.42	113.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
	Drilling mud	0.42

Gas Rates

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



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15931

DST#: 1

ATTN: SCOTT ALBERG

Test Start: 2010.06.19 @ 02:20:00

GENERAL INFORMATION:

Formation: TORONTO LANSING A,B,

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DYLAN ELLIS

Unit No: 3345-GB-252

Interval: 3842.00 ft (KB) To 3918.00 ft (KB) (TVD)

Total Depth: 3918.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8400

Outside

Press@RunDepth: 768.71 psia @ 3914.70 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.19

End Date:

2010.06.19

Last Calib.: 2010.06.19

Start Time: 02:21:00

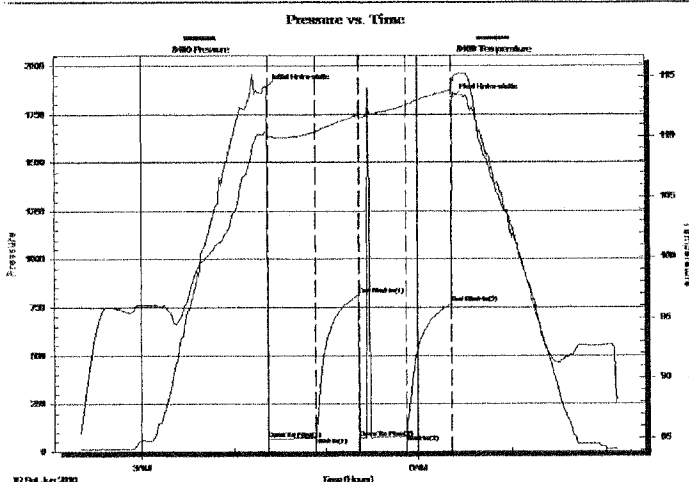
End Time:

08:08:00

Time On Btm: 2010.06.19 @ 04:21:30

Time Off Btm: 2010.06.19 @ 06:23:00

TEST COMMENT: 1st Opening 30 Minutes-Weak surface blow for 10 minutes and died
1st Shut-In 30 Minutes-No blow back into bucket of water
2nd Opening 30 Minutes- no blow-flushed tool-good surge weak blow for 2 minutes and died
2nd Shut-In 30 Minutes- No blow back



PRESSURE SUMMARY

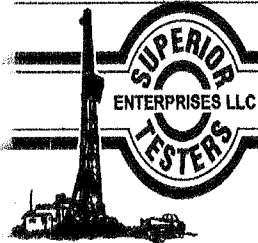
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1891.13	110.42	Initial Hydro-static
1	67.11	109.96	Open To Flow (1)
32	75.31	110.36	Shut-In (1)
60	812.22	111.73	End Shut-In (1)
61	71.84	111.43	Open To Flow (2)
91	89.64	112.58	Shut-In (2)
121	768.71	113.83	End Shut-In (2)
122	1837.46	114.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
	Drilling mud	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15931

DST#: 1

ATTN: SCOTT ALBERG

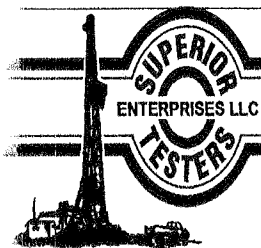
Test Start: 2010.06.19 @ 02:20:00

Tool Information

Drill Pipe:	Length: 3830.00 ft	Diameter: 3.80 inches	Volume: 53.72 bbl	Tool Weight:	2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	38000.00 lb
			Total Volume: 53.72 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	22000.00 lb
Depth to Top Packer:	3842.00 ft			Final	22000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	75.70 ft				
Tool Length:	104.70 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			3814.00	
Shut-In Tool	5.00			3819.00	
Hydroic Tool	5.00			3824.00	
Jars	6.00			3830.00	
Safety Joint	2.00			3832.00	
Packer	5.00			3837.00	29.00 Bottom Of Top Packer
Packer	5.00			3842.00	
Change Over Sub	0.75			3842.75	
Drill Pipe	31.20			3873.95	
Change Over Sub	0.75			3874.70	
Perforations	38.00			3912.70	
Recorder	1.00	4143	Inside	3913.70	
Recorder	1.00	8400	Outside	3914.70	
Bullnose	3.00			3917.70	75.70 Bottom Packers & Anchor
Total Tool Length:		104.70			



DRILL STEM TEST REPORT

FLUID SUMMARY

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15931

DST#: 1

ATTN: SCOTT ALBERG

Test Start: 2010.06.19 @ 02:20:00

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.89 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
	Drilling mud	0.421

Total Length: ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

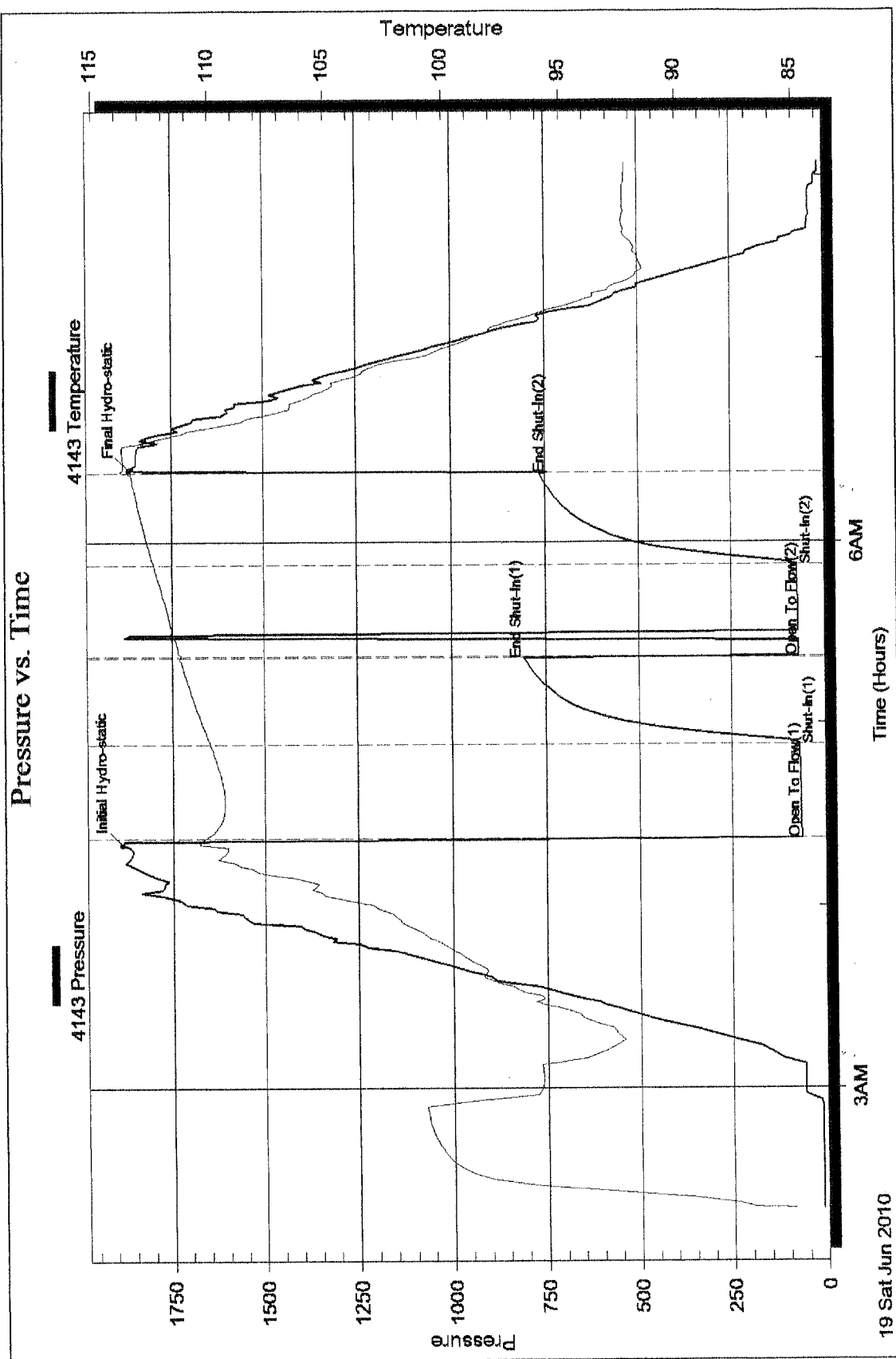
Serial #:

Laboratory Name:

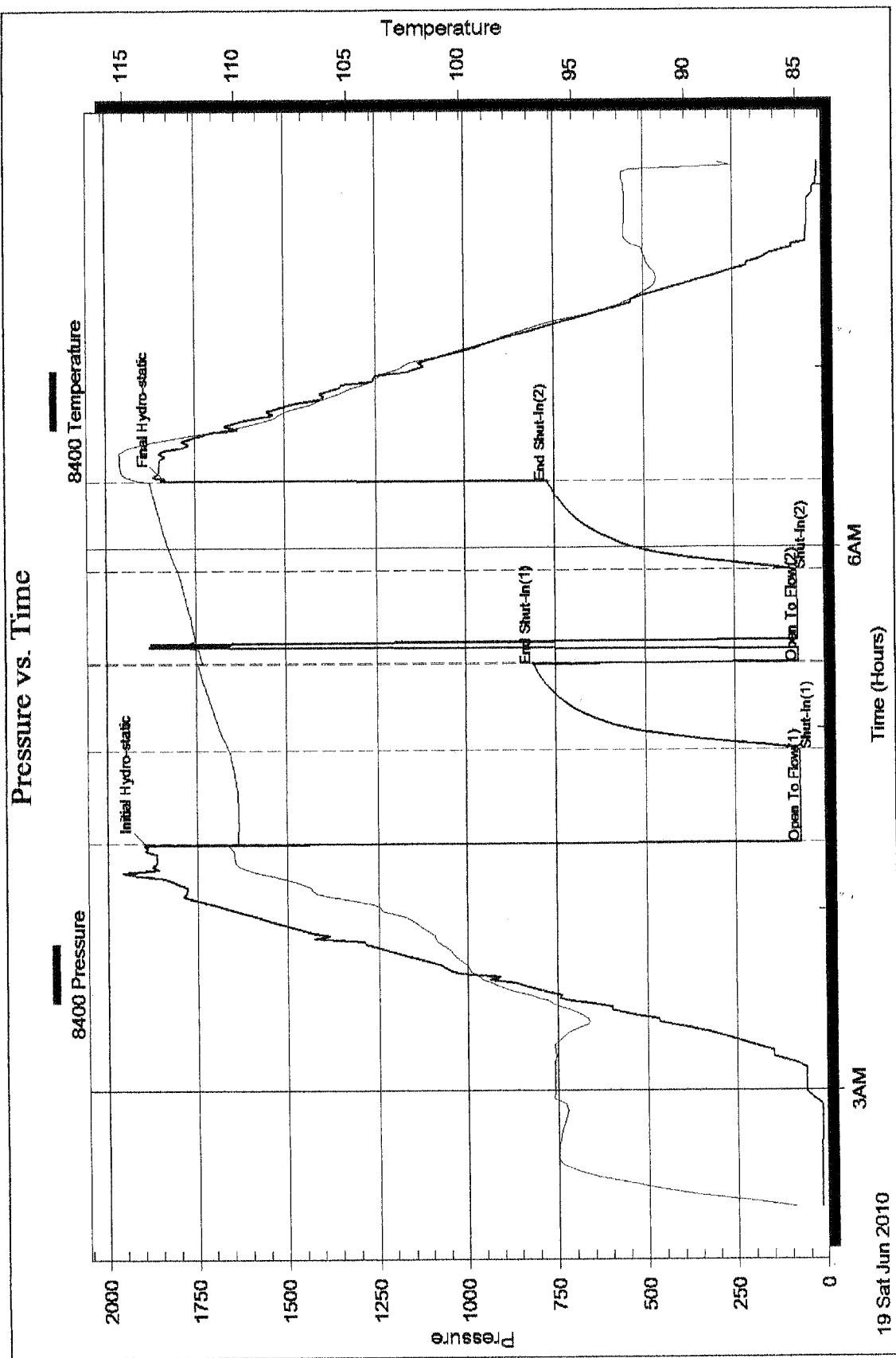
Laboratory Location:

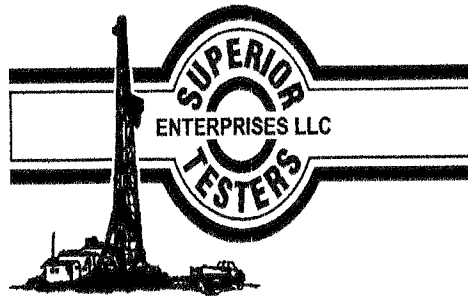
Recovery Comments:

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **RAINS & WILLIAMSON OIL COMPANY INC.**

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

ATTN: SCOTT ALBERG

36-9S-26W SHERDIAN

FORE #4-36

Start Date: 2010.06.20 @ 02:00:00

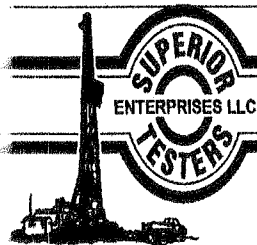
End Date: 2010.06.20 @ 07:32:16

Job Ticket #: 15932 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.06.22 @ 01:50:58

RAINS & WILLIAMSON OIL COMPANY INC. FORE #4-36 36-9S-26W SHERDIAN DST # 2 H Zone 2010.06.20



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15932

DST#: 2

ATTN: SCOTT ALBERG

Test Start: 2010.06.20 @ 02:00:00

GENERAL INFORMATION:

Formation: H Zone

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:50:46

Time Test Ended: 07:32:16

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E. Ellis

Unit No: 3345-GB-252

Interval: 3992.00 ft (KB) To 4024.00 ft (KB) (TVD)

Total Depth: 4024.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 4143

Inside

Press@RunDepth: 48.76 psia @ 4020.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.20

End Date:

2010.06.20

Last Calib.: 2010.06.20

Start Time: 02:00:01

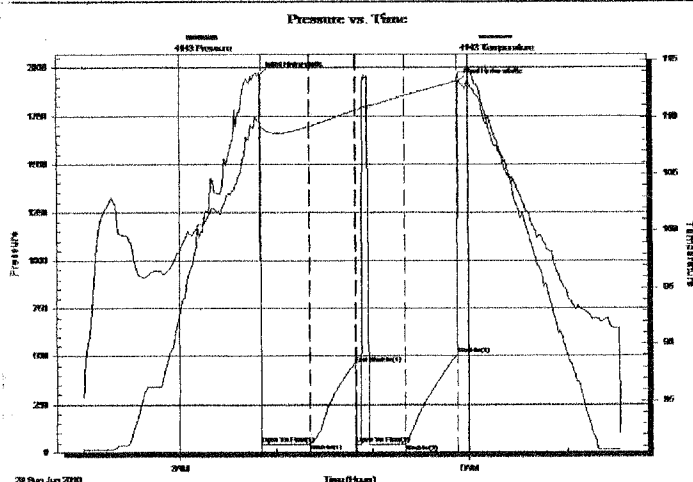
End Time:

07:32:16

Time On Btm: 2010.06.20 @ 03:50:16

Time Off Btm: 2010.06.20 @ 05:53:16

TEST COMMENT: 1ST Opening 30 Minutes Weak surface blow for 1.5 minutes and died
1ST Shut-In 30 Minutes no blow back
2ND Opening 30 Minutes no blow sflused tool good surge no help
2ND Shut-In 30 Minutes no blow back



PRESSURE SUMMARY

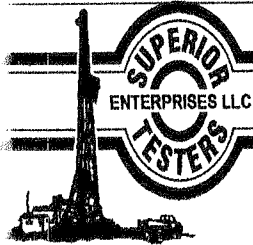
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1965.05	109.47	Initial Hydro-static
1	43.15	109.28	Open To Flow (1)
31	48.76	109.15	Shut-In(1)
60	456.33	110.40	End Shut-In(1)
60	43.73	110.56	Open To Flow (2)
91	45.03	111.88	Shut-In(2)
123	508.78	113.11	Shut-In(3)
123	1926.13	113.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling mud	0.21

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15932

DST#: 2

ATTN: SCOTT ALBERG

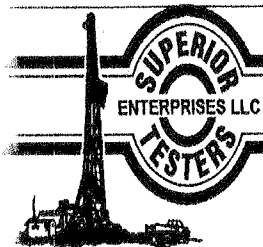
Test Start: 2010.06.20 @ 02:00:00

Tool Information

Drill Pipe:	Length:	3983.00 ft	Diameter:	3.80 inches	Volume:	55.87 bbl	Tool Weight:	2000.00 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:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	lb
					Total Volume:	55.87 bbl	Tool Chased	ft
Drill Pipe Above KB:	20.00 ft						String Weight: Initial	22000.00 lb
Depth to Top Packer:	3992.00 ft						Final	lb
Depth to Bottom Packer:	ft							
Interval between Packers:	32.00 ft							
Tool Length:	61.00 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			3964.00		
Shut-In Tool	5.00			3969.00		
Hydroic Tool	5.00			3974.00		
Jars	6.00			3980.00		
Safety Joint	2.00			3982.00		
Packer	5.00			3987.00	29.00	Bottom Of Top Packer
Packer	5.00			3992.00		
Perforations	27.00			4019.00		
Recorder	1.00	4143	Inside	4020.00		
Recorder	1.00	8400	Outside	4021.00		
Bullnose	3.00			4024.00	32.00	Bottom Packers & Anchor
Total Tool Length:		61.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15932

DST#: 2

ATTN: SCOTT ALBERG

Test Start: 2010.06.20 @ 02:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling mud	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

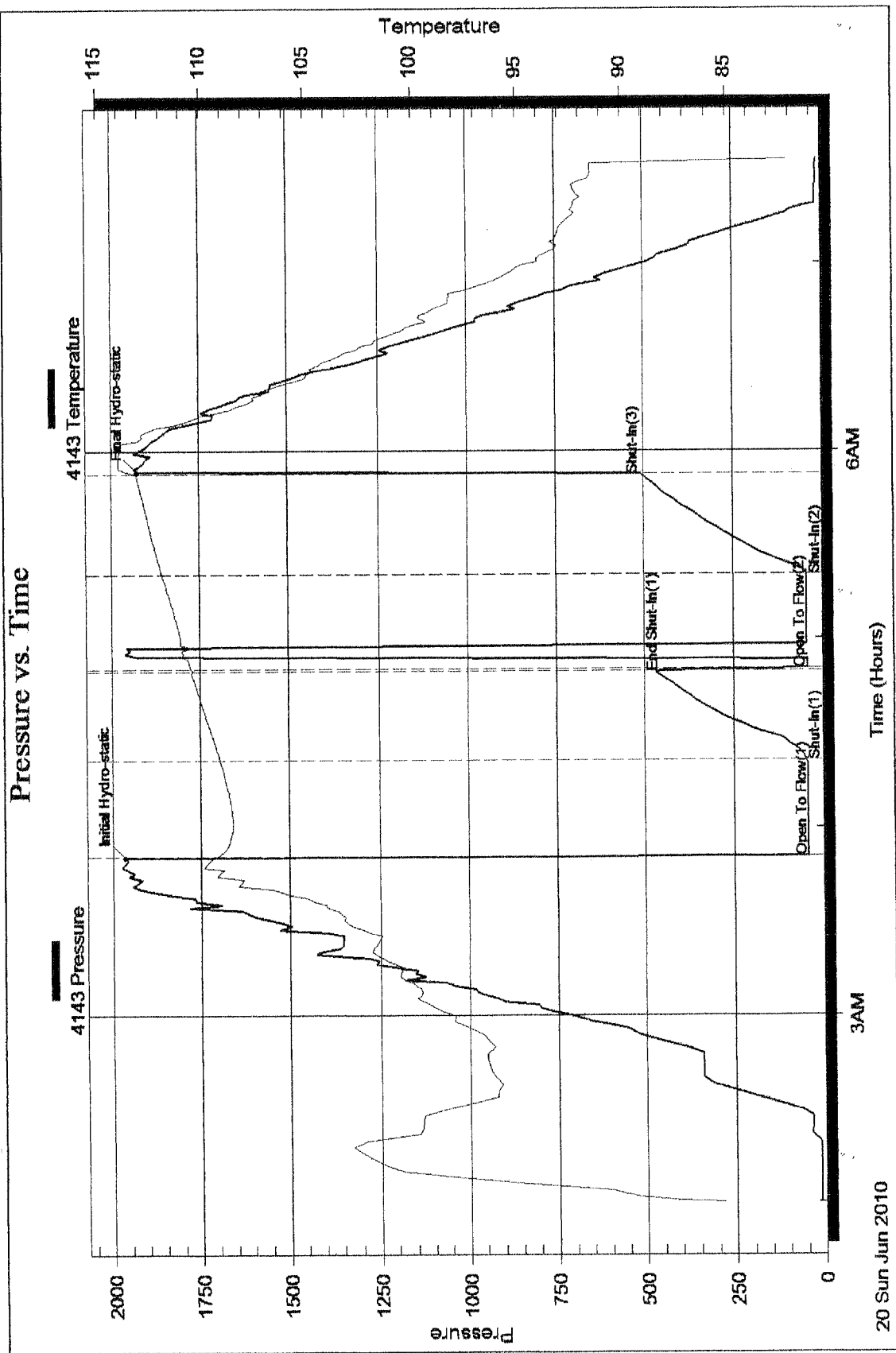
Serial #:

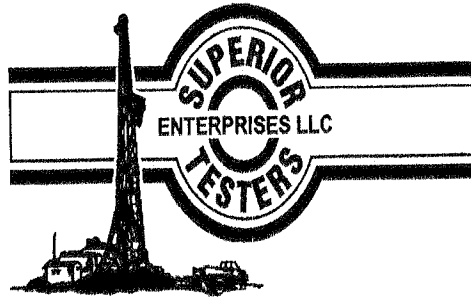
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **RAINS & WILLIAMSON OIL COMPANY INC.**

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

ATTN: SCOTT ALBERG

36-9S-26W SHERDIAN

FORE #4-36

Start Date: 2010.06.21 @ 00:00:00

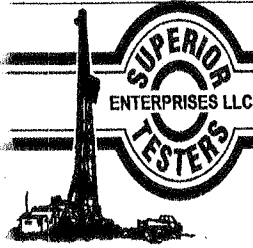
End Date: 2010.06.21 @ 00:00:00

Job Ticket #: 15933 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.06.22 @ 01:53:24

RAINS & WILLIAMSON OIL COMPANY INC. FORE #4-36 36-9S-26W SHERDIAN DST # 3 I & J 2010.06.21



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W. DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

ATTN: SCOTT ALBERG

Job Ticket: 15933

DST#: 3

Test Start: 2010.06.21 @ 00:00:00

GENERAL INFORMATION:

Formation: I & J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: DYLAN E. ELLIS

Unit No: 3345-HAYS-120

Interval: 4026.00 ft (KB) To 4065.00 ft (KB) (TVD)

Total Depth: 4065.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 4143

Inside

Press@RunDepth: 54.15 psia @ 4027.50 ft (KB)

Start Date: 2010.06.21

End Date: 2010.06.21

Start Time: 07:30:05

End Time: 14:22:15

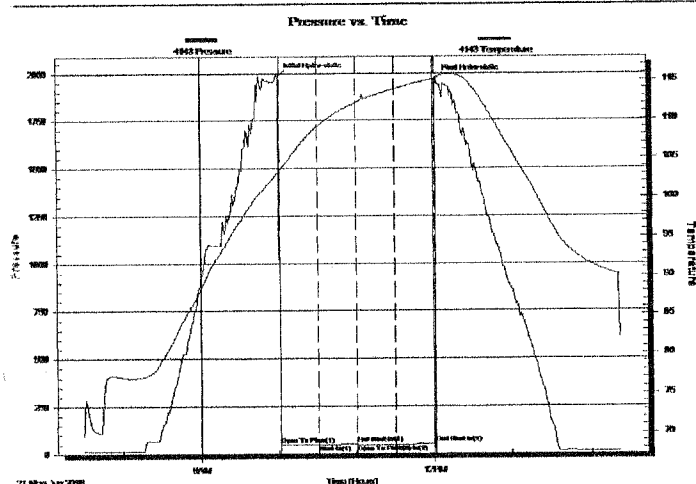
Capacity: 5000.00 psia

Last Calib.: 2010.06.21

Time On Btm: 2010.06.21 @ 10:00:46

Time Off Btm: 2010.06.21 @ 12:02:46

TEST COMMENT: 1ST OPENING WEAK SURFACE BLOW DIED IN 5 MINUTES
1ST SHUT-IN NO
2ND OPENING NO BLOW BACK/FLUSHED TOOL GOOD SURGE AND DIED
2ND SHUT-IN NO



PRESSURE SUMMARY

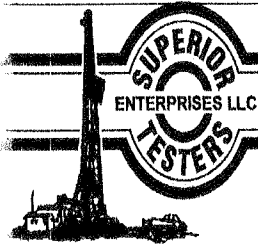
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1981.85	103.42	Initial Hydro-static
1	46.49	103.46	Open To Flow (1)
30	46.77	108.98	Shut-In (1)
60	54.05	112.05	End Shut-In (1)
60	46.09	112.09	Open To Flow (2)
90	47.78	113.83	Shut-In (2)
121	54.15	115.14	End Shut-In (2)
122	1968.77	115.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.07

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15933

DST#: 3

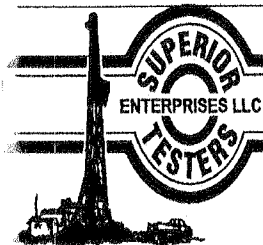
ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 00:00:00

Tool Information

Drill Pipe:	Length: 4015.00 ft	Diameter: 3.80 inches	Volume: 56.32 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
		Total Volume:	56.32 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 22000.00 lb
Depth to Top Packer:	4026.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	4.50 ft			
Tool Length:	33.50 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			3998.00	
Shut-In Tool	5.00			4003.00	
Hydroic Tool	5.00			4008.00	
Jars	6.00			4014.00	
Safety Joint	2.00			4016.00	
Packer	5.00			4021.00	29.00 Bottom Of Top Packer
Packer	5.00			4026.00	
Change Over Sub	0.75			4026.75	
Drill Pipe	0.00			4026.75	
Change Over Sub	0.75			4027.50	
Perforations	0.00			4027.50	
Recorder	0.00	4143	Inside	4027.50	
Recorder	0.00	8400	Outside	4027.50	
Bullnose	3.00			4030.50	4.50 Bottom Packers & Anchor
Total Tool Length:		33.50			



DRILL STEM TEST REPORT

FLUID SUMMARY

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15933

DST#: 3

ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 9.59 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud	0.070

Total Length: 5.00 ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

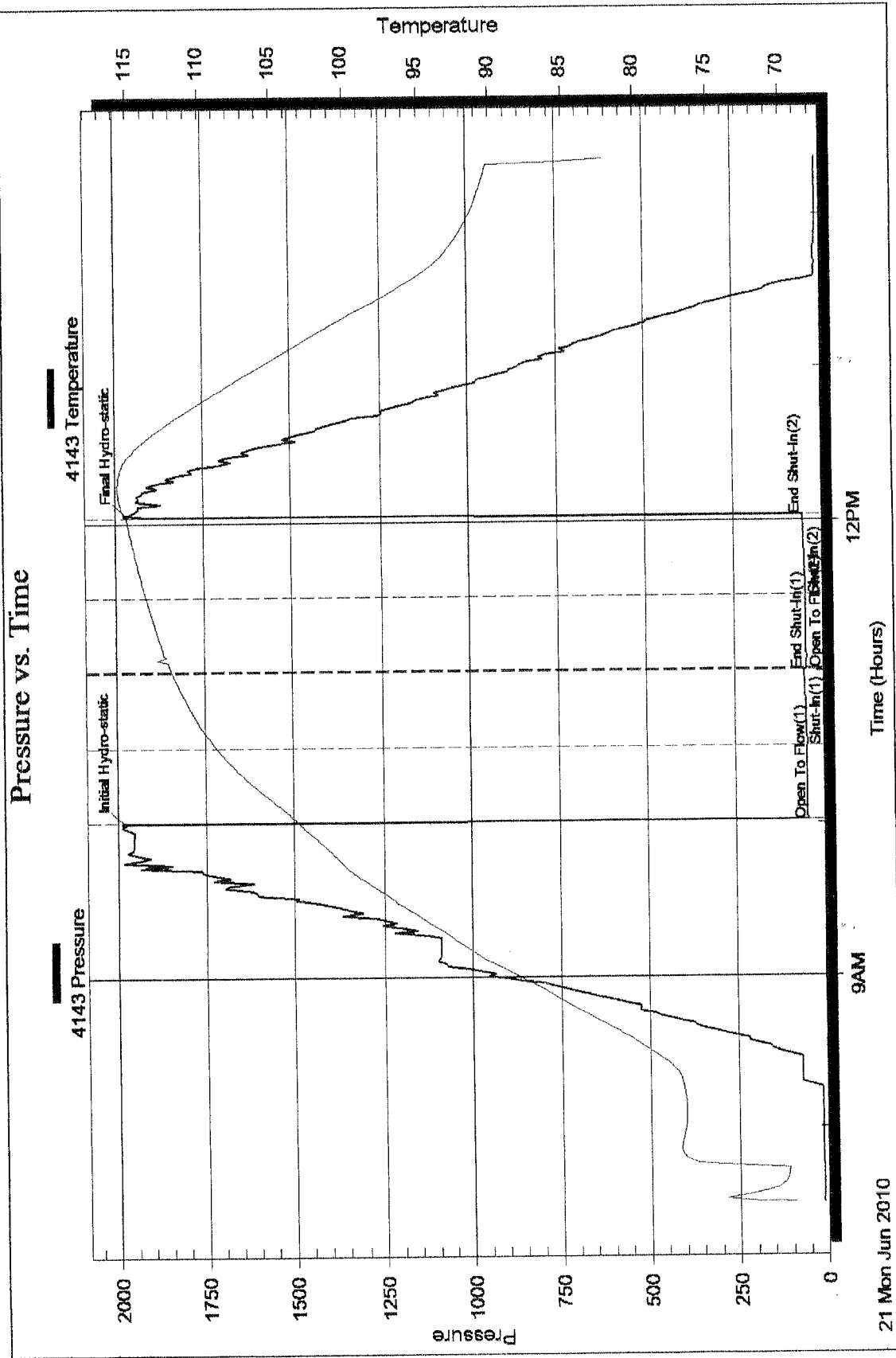
Serial #:

Laboratory Name:

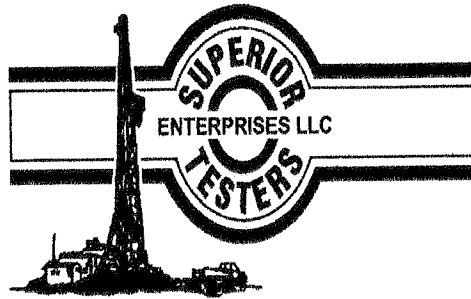
Laboratory Location:

Recovery Comments:

U.S. DEPARTMENT OF JUSTICE



Printed: 2010.06.22 @ 01:53:25



DRILL STEM TEST REPORT

Prepared For: **RAINS & WILLIAMSON OIL COMPANY INC.**

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

ATTN: SCOTT ALBERG

36-9S-26W SHERDIAN

FORE #4-36

Start Date: 2010.06.21 @ 11:30:00

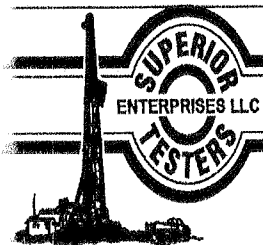
End Date: 2010.06.21 @ 00:00:00

Job Ticket #: 15934 DST #: 4

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2010.06.22 @ 07:37:08

RAINS & WILLIAMSON OIL COMPANY INC. FORE #4-36 36-9S-26W SHERDIAN DST # 4 Kansas City "K" 2010.06.21



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15934

DST#: 4

ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 11:30:00

GENERAL INFORMATION:

Formation: **Kanas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345-Hays-120

Interval: **4066.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Total Depth: 4090.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **4143**

Inside

Press@RunDepth: 818.29 psia @ 4087.50 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.22

End Date:

2010.06.22

Last Calib.: 2010.06.22

Start Time: 11:30:00

End Time:

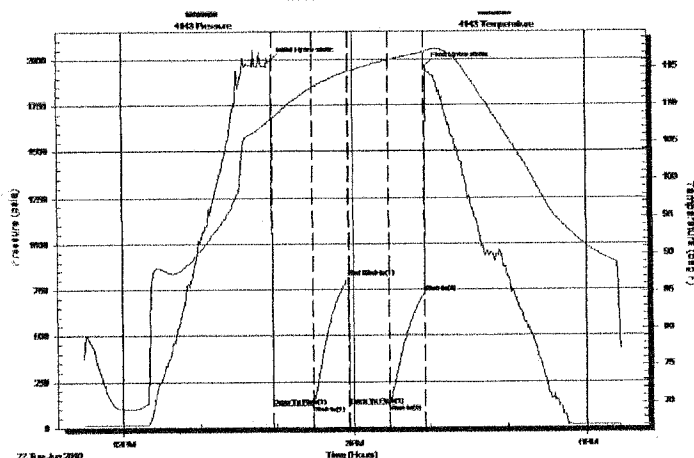
18:26:16

Time On Btm: 2010.06.22 @ 13:56:16

Time Off Btm: 2010.06.22 @ 15:57:16

TEST COMMENT: 1ST OPENING 30 Minutes WEAK SUFACE BLOW BLEW 9 MINUTES AND DIED
1ST SHUT-IN 30 Minutess-NO BLOW BACK
2ND OPENING 30 Minutes Weak blow for 7 minutes and died flushed tool good surge no help
2ND SHUTTING 30 Minutes NO blow back

Pressure vs. Time



PRESSURE SUMMARY

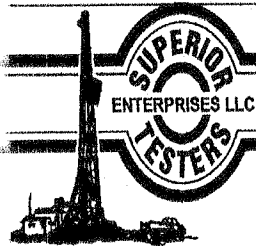
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1996.68	108.18	Initial Hydro-static
1	117.87	107.96	Open To Flow (1)
32	119.16	112.35	Shut-In(1)
61	818.29	114.54	End Shut-In(1)
61	122.91	114.50	Open To Flow (2)
92	123.38	116.02	Shut-In(2)
120	730.62	116.98	Shut-In(3)
121	1963.38	117.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	Drilling Mud	3.03

Gas Rates

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



DRILL STEM TEST REPORT

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15934

DST#: 4

ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 11:30:00

GENERAL INFORMATION:

Formation: **Kanas City "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345-Hays-120

Interval: **4066.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Total Depth: 4090.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2632.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8400

Outside

Press@RunDepth: 729.01 psia @ 4088.50 ft (KB)

Capacity: 5000.00 psia

Start Date: 2010.06.22

End Date:

2010.06.22

Last Calib.: 2010.06.22

Start Time: 11:30:00

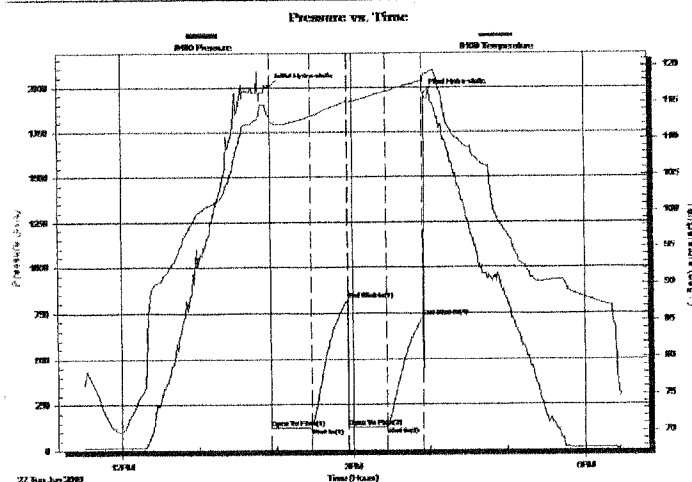
End Time:

18:27:30

Time On Btm: 2010.06.22 @ 13:55:30

Time Off Btm: 2010.06.22 @ 15:56:30

TEST COMMENT: 1ST OPENING 30 Minutes WEAK SUFACE BLOW BLEW 9 MINUTES AND DIED
1ST SHUT-IN 30 Minutess-NO BLOW BACK
2ND OPENING 30 Minutes Weak blow for 7 minutes and died flushed tool good surge no help
2ND SHUTING 30 Minutes NO blow back



PRESSURE SUMMARY

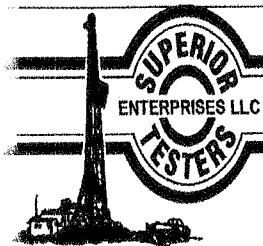
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2000.94	113.00	Initial Hydro-static
1	120.82	112.15	Open To Flow (1)
32	123.47	113.07	Shut-In(1)
61	822.26	115.13	End Shut-In(1)
61	126.45	114.87	Open To Flow (2)
91	130.59	116.44	Shut-In(2)
120	729.01	117.96	End Shut-In(2)
121	1966.19	119.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	Drilling Mud	3.03

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15934

DST#: 4

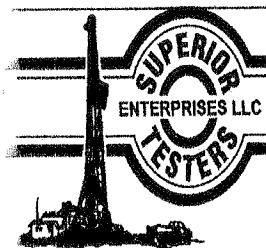
ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 11:30:00

Tool Information

Drill Pipe:	Length: 4006.00 ft	Diameter: 3.80 inches	Volume: 56.19 bbl	Tool Weight: 2000.00 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: 59.79 ft	Diameter: 2.50 inches	Volume: 0.36 bbl	Weight to Pull Loose: 34000.00 lb
			Total Volume: 56.55 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.79 ft			String Weight: Initial 26000.00 lb
Depth to Top Packer:	4066.00 ft			Final 26000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.50 ft			
Tool Length:	54.50 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			4038.00	
Shut-In Tool	5.00			4043.00	
Hydroic Tool	5.00			4048.00	
Jars	6.00			4054.00	
Safety Joint	2.00			4056.00	
Packer	5.00			4061.00	29.00 Bottom Of Top Packer
Packer	5.00			4066.00	
Change Over Sub	0.75			4066.75	
Drill Pipe	0.00			4066.75	
Change Over Sub	0.75			4067.50	
Perforations	19.00			4086.50	
Recorder	1.00	4143	Inside	4087.50	
Recorder	1.00	8400	Outside	4088.50	
Bullnose	3.00			4091.50	25.50 Bottom Packers & Anchor
Total Tool Length:		54.50			



DRILL STEM TEST REPORT

FLUID SUMMARY

RAINS & WILLIAMSON OIL COMPANY INC.

FORE #4-36

220 W.DOUGLAS SUITE 110
WICHITA KANSAS 67202

36-9S-26W SHERDIAN

Job Ticket: 15934

DST#: 4

ATTN: SCOTT ALBERG

Test Start: 2010.06.21 @ 11:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 9.40 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	Drilling Mud	3.031

Total Length: 250.00 ft

Total Volume: 3.031 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

