



DRILL STEM TEST REPORT

Prepared For: **Mike Kelso Oil, Inc.**

PO Box 467
1125 S. Main
Chase Kansas 67524-0467

ATTN: Mike Kelso

Warner #2

15/20s/10w/Rice

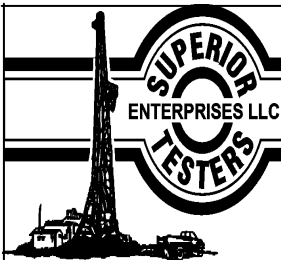
Start Date: 2013.06.02 @ 00:45:00

End Date: 2013.06.02 @ 06:53:00

Job Ticket #: 17590 DST #: 2

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

Printed: 2013.06.02 @ 07:06:22



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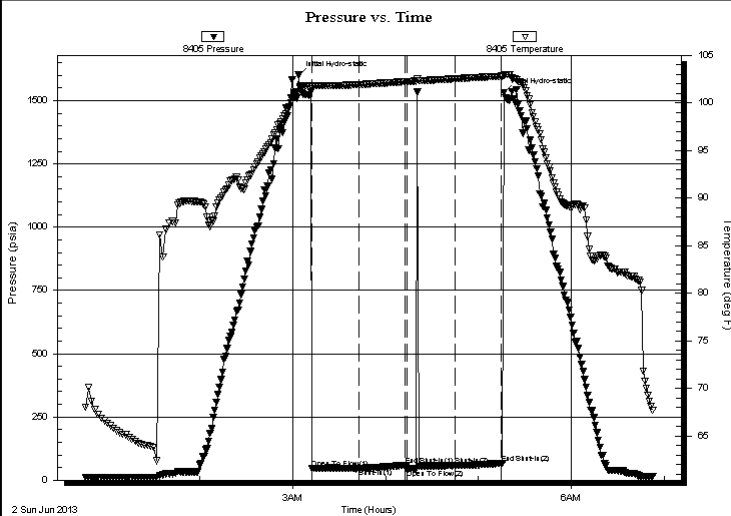
15/20s/10w/Rice
Warner #2
 Job Ticket: 17590 **DST#: 2**
 Test Start: 2013.06.02 @ 00:45:00

GENERAL INFORMATION:

Formation: **LKC D-F**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:12:30 Tester: Shane Konzem
 Time Test Ended: 06:53:00 Unit No: 3330/40/Great Bend
 Interval: **3113.00 ft (KB) To 3157.00 ft (KB) (TVD)** Reference Elevations: 1836.00 ft (KB)
 Total Depth: 3157.00 ft (KB) (TVD) 1824.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 12.00 ft

Serial #: 8405 Inside
 Press @ Run Depth: 57.50 psia @ 3153.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.06.02 End Date: 2013.06.02 Last Calib.: 2013.06.02
 Start Time: 00:45:00 End Time: 06:53:00 Time On Btm: 2013.06.02 @ 03:03:30
 Time Off Btm: 2013.06.02 @ 05:16:30

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 1 inches in 5 gallon bucket.
 1st Shut In/ 30 Minutes. No blow back.
 2nd Open/ 30 Minutes. No blow flushed tool after 5 minutes per geo. gained 1 inch blow in 5 gallon bucket.
 2nd Shut In/ 30 Minutes. No blow back.



PRESSURE SUMMARY

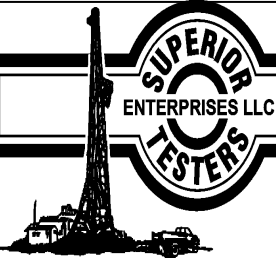
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1600.71	101.20	Initial Hydro-static
9	45.68	101.75	Open To Flow (1)
39	46.16	101.93	Shut-In(1)
69	59.14	102.23	End Shut-In(1)
71	43.92	102.24	Open To Flow (2)
101	57.50	102.54	Shut-In(2)
131	66.50	102.81	End Shut-In(2)
133	1532.94	102.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud	0.42

Gas Rates

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



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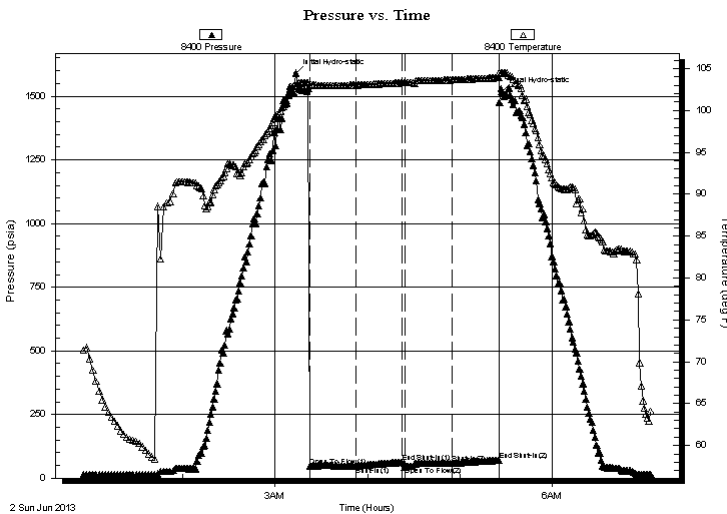
15/20s/10w/Rice
Warner #2
 Job Ticket: 17590 **DST#: 2**
 Test Start: 2013.06.02 @ 00:45:00

GENERAL INFORMATION:

Formation: LKC D-F	
Deviated: No Whipstock: ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 03:12:30	Tester: Shane Konzem
Time Test Ended: 06:53:00	Unit No: 3330/40/Great Bend
Interval: 3113.00 ft (KB) To 3157.00 ft (KB) (TVD)	Reference Elevations: 1836.00 ft (KB)
Total Depth: 3157.00 ft (KB) (TVD)	1824.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor	KB to GR/CF: 12.00 ft

Serial #: 8400 Outside	
Press @ Run Depth: 70.28 psia @ 3154.00 ft (KB)	Capacity: 5000.00 psia
Start Date: 2013.06.02 End Date: 2013.06.02	Last Calib.: 2013.06.02
Start Time: 00:55:00 End Time: 07:03:30	Time On Btm: 2013.06.02 @ 03:13:30
	Time Off Btm: 2013.06.02 @ 05:27:00

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 1 inches in 5 gallon bucket.
 1st Shut In/ 30 Minutes. No blow back.
 2nd Open/ 30 Minutes. No blow flushed tool after 5 minutes per geo. gained 1 inch blow in 5 gallon bucket.
 2nd Shut In/ 30 Minutes. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1590.62	102.95	Initial Hydro-static
9	46.30	103.11	Open To Flow (1)
39	47.39	103.04	Shut-In(1)
69	62.77	103.31	End Shut-In(1)
71	44.94	103.32	Open To Flow (2)
101	58.54	103.65	Shut-In(2)
132	70.28	103.92	End Shut-In(2)
134	1517.60	104.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100% mud	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Mike Kelso Oil, Inc.
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 ATTN: Mike Kelso

15/20s/10w/Rice
Warner #2
 Job Ticket: 17590 **DST#: 2**
 Test Start: 2013.06.02 @ 00:45:00

Tool Information

Drill Pipe:	Length: 3120.00 ft	Diameter: 3.80 inches	Volume: 43.77 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:	52000.00 lb
			<u>Total Volume: 43.77 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3113.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	64.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3098.00	
Hydraulic Tool	5.00			3103.00	
Packer	5.00			3108.00	20.00 Bottom Of Top Packer
Packer	5.00			3113.00	
Anchor	39.00			3152.00	
Recorder	1.00	8405	Inside	3153.00	
Recorder	1.00	8400	Outside	3154.00	
Bullnose	3.00			3157.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



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FLUID SUMMARY

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Warner #2
Job Ticket: 17590 **DST#: 2**
Test Start: 2013.06.02 @ 00:45:00

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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% mud	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time

