



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

mAUNEY #1-6

6-21S-15W bARTON

Start Date: 2012.10.19 @ 00:00:00

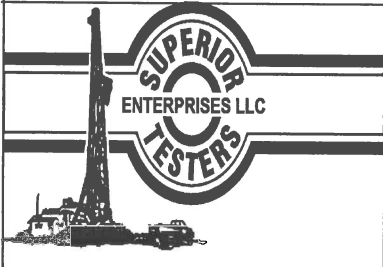
End Date: 2012.10.19 @ 00:00:00

Job Ticket #: 16888 DST #: 5

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

Printed: 2012.10.24 @ 14:55:31

F.G.Holl Company L.L.C. 6-21S-15W bARTON mAUNEY #1-6 DST # 5 Arbuckle 2012.10.19



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Test Start: 2012.10.19 @ 00:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3320

Interval: **3786.00 ft (KB) To 3795.00 ft (KB) (TVD)**

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3795.00 ft (KB) (TVD)

1958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Outside

Press@RunDepth: 1125.02 psia @ 3792.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.10.19

End Date: 2012.10.19

Last Calib.: 2012.10.19

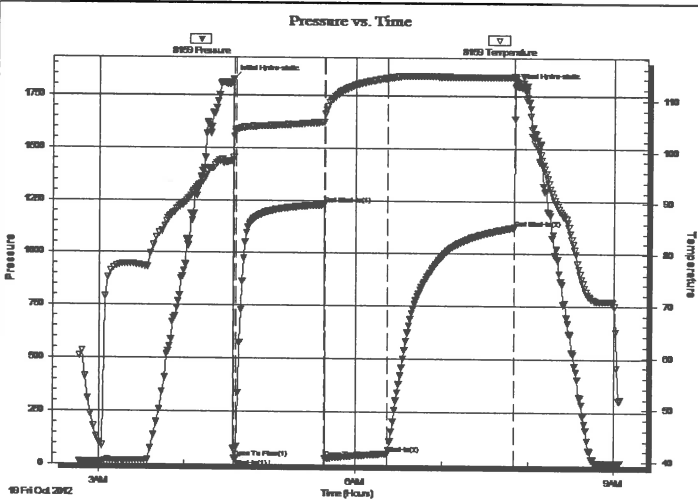
Start Time: 02:46:00

End Time: 09:04:30

Time On Btm: 2012.10.19 @ 04:34:00

Time Off Btm: 2012.10.19 @ 07:51:00

TEST COMMENT: 1st Opening 2 Minutes-Strong blow built to the bottom of a 5 gallon bucket in 15 seconds
1st Shut-In 60 Minutes-No blow back
2nd Opening 45 Minutes-Strong blow built to the bottom of a 5 gallon bucket in 15 seconds
2nd Shut-In 90 Minutes



PRESSURE SUMMARY

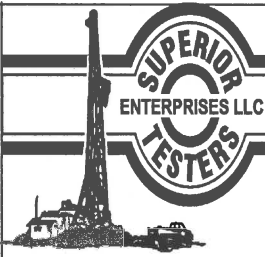
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1822.10	98.20	Initial Hydro-static
1	30.92	102.95	Open To Flow (1)
2	26.57	104.11	Shut-In(1)
64	1231.72	105.70	End Shut-In(1)
65	30.16	107.30	Open To Flow (2)
108	54.26	114.19	Shut-In(2)
196	1125.02	114.40	End Shut-In(2)
197	1793.20	114.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1800 Gas in the pipe	0.00
40.00	Oil cut w atery mud	0.56
0.00	30% Oil 50%Mud 20%Water	0.00
30.00	Very Slightly Oil cut muddy w aterr	0.42
0.00	1%Oil 20%Mud 79%Water	0.00
0.00	Chlorides 22000	0.00

Gas Rates

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



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TOOL DIAGRAM

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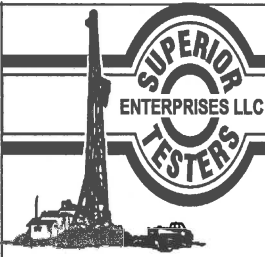
6-21S-15W bARTON
mAUNEY #1-6
 Job Ticket: 16888 **DST#: 5**
 Test Start: 2012.10.19 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3786.00 ft	Diameter: 3.80 inches	Volume: 53.11 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:	55000.00 lb
			<u>Total Volume: 53.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3786.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	37.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3763.00	
Hydraulic Tool	5.00			3768.00	
Jars	6.00			3774.00	
Safety Joint	2.00			3776.00	
Packer	5.00			3781.00	28.00 Bottom Of Top Packer
Packer	5.00			3786.00	
Perforations	4.00			3790.00	
Recorder	1.00	6731	Inside	3791.00	
Recorder	1.00	8159	Outside	3792.00	
Bullnose	3.00			3795.00	9.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



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