

DRILL STEM TEST REPORT

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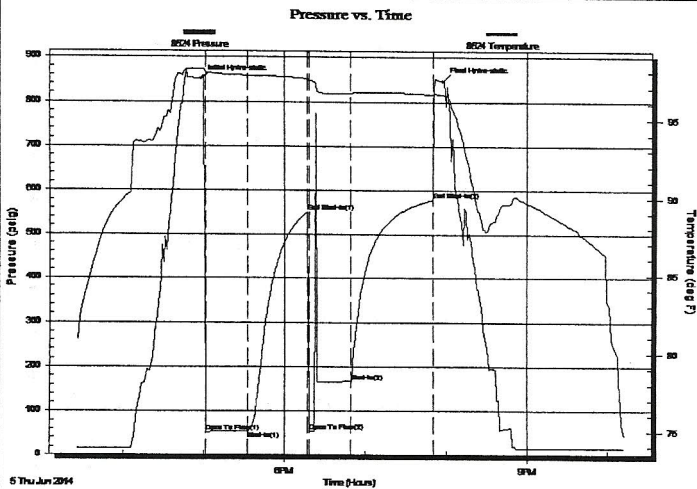
26/21s/16e/Coffey
Mader #1
 Job Ticket: 18582 DST#: 1
 Test Start: 2014.06.05 @ 15:25:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:01:30
 Time Test Ended: 22:13:00
 Interval: **1721.00 ft (KB) To 1773.00 ft (KB) (TVD)**
 Total Depth: 1773.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzern
 Unit No: 3330/384/Great Bend
 Reference Elevations: 1073.00 ft (KB)
 1065.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8524 Inside
 Press@RunDepth: 166.47 psig @ 1768.89 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.06.05 End Date: 2014.06.05 Last Calib.: 2014.06.05
 Start Time: 15:25:00 End Time: 22:13:00 Time On Btm: 2014.06.05 @ 16:58:30
 Time Off Btm: 2014.06.05 @ 19:57:30

TEST COMMENT: 1st Open/ 30 Minutes. Weak surface b low that died at 15 minutes.
 1st Shut In/ 45 Minutes. No blow back.
 2nd Open/ 30 Minutes. No blow, fluhed tool, had good flush bubbles and gained a weak surface blow that died in 4 minutes.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	849.17	98.22	Initial Hydro-static
3	51.73	98.01	Open To Flow (1)
35	53.31	97.79	Shut-In(1)
79	551.13	97.60	End Shut-In(1)
80	53.54	97.48	Open To Flow (2)
111	166.47	96.70	Shut-In(2)
172	579.18	96.62	End Shut-In(2)
179	846.24	96.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
200.00	100% mUD	0.98

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