DRILL STEM TEST REPORT

F.G Holl Company L.L.C

9431 E Central Ste 100 Wichita KS 67208

ATTN: Rene

Woolfolk A 1-31

31-34-19 Comanche

Job Ticket: 16508 **DST#: 3**

Test Start: 2011.07.24 @ 22:53:00

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:49:00
Time Test Ended: 08:14:00

Interval: 6215.00 ft (KB) To 6234.00 ft (KB) (TVD)
Total Depth: 6234.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

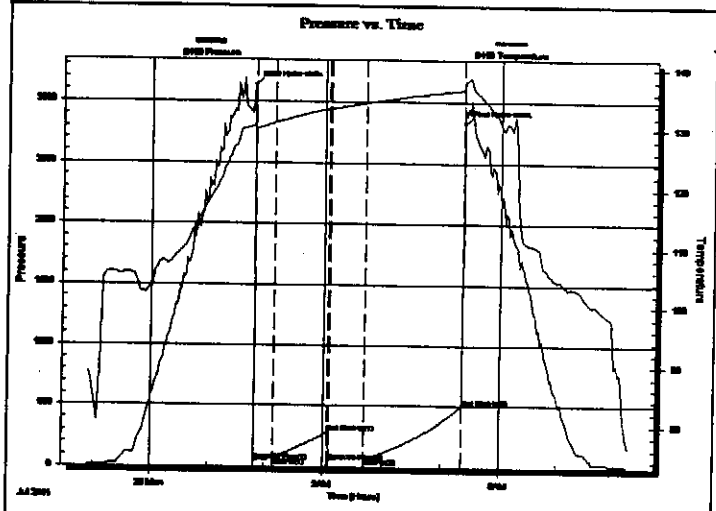
Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320-GB-236

Reference Elevations: 1741.00 ft (KB)
1728.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8419 **Inside**

Press@RunDepth:	76.02 psia @	6230.00 ft (KB)		Capacity:	5000.00 psia
Start Date:	2011.07.24	End Date:	2011.07.25	Last Calib.:	2011.07.25
Start Time:	22:54:00	End Time:	08:14:00	Time On Btm:	2011.07.25 @ 01:47:30
				Time Off Btm:	2011.07.25 @ 05:22:30

TEST COMMENT: 15/Initial Open:weak blow built 2 1/2 inches into water in 15 minutes
60/Initial Shut In: No blow back
45/Final Open :fair blow built bottom of bucket in 30 minutes
90/Final Shut In: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	3131.42	130.84	Initial Hydro-static
2	44.36	130.27	Open To Flow (1)
22	79.09	131.14	Shut-In(1)
77	284.98	133.51	End Shut-In(1)
79	49.24	133.50	Open To Flow (2)
115	76.02	134.52	Shut-In(2)
214	498.66	136.63	End Shut-In(2)
215	2822.71	138.00	Final Hydro-static

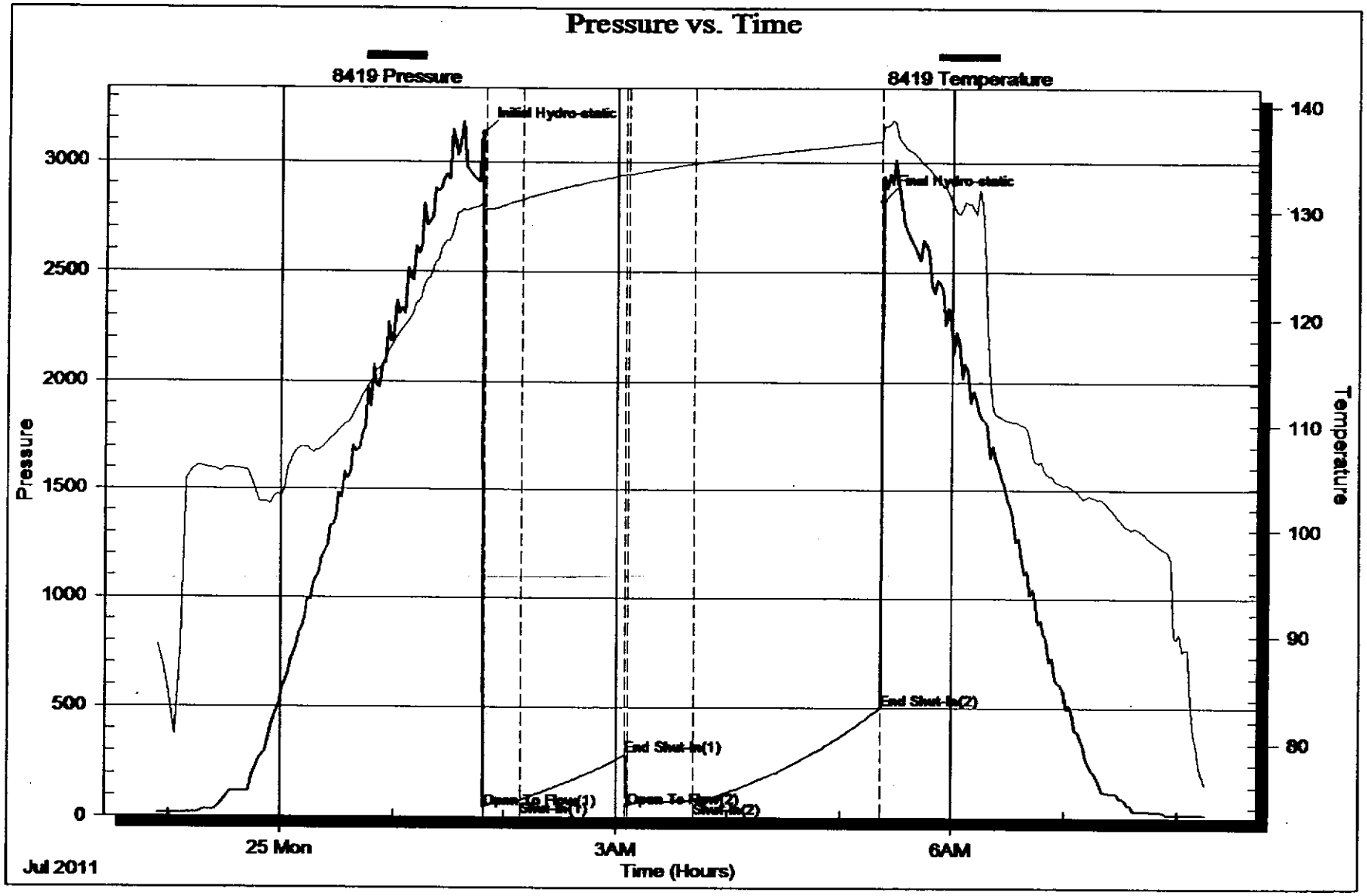
Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	0.59
0.00	180 gas in pipe	0.00

Gas Rates

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

Serial #: 8419 Inside F.G Holl Company L.L.C 31-34-19 Comanche DST Test Number: 3



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