



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 5th St
Clain KS 67525
ATTN: Jake Eastes

8-2s-29w Decatur,KS
Mary #1
Job Ticket: 58269 DST#: 2
Test Start: 2014.07.09 @ 00:12:00

GENERAL INFORMATION:

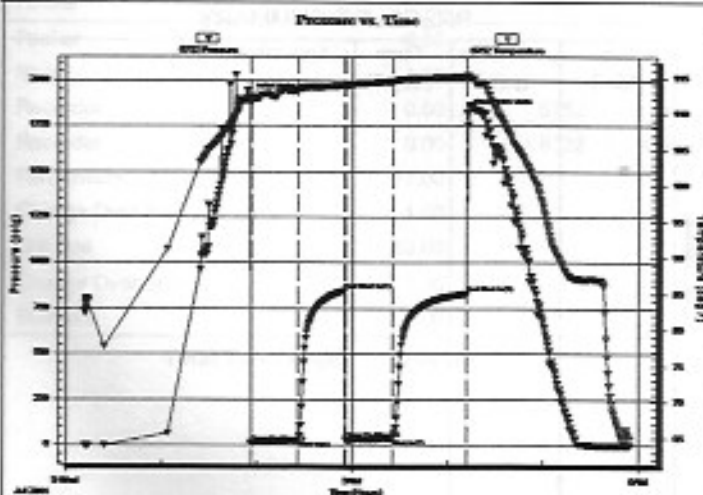
Formation: LKC "H - F"
Deviated: No Whipstock ft (KB)
Time Tool Opened: 01:56:20
Time Test Ended: 05:54:30
Interval: 3904.00 ft (KB) To 3990.00 ft (KB) (TVD)
Total Depth: 3990.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 78
Reference Elevations: 2786.00 ft (KB)
2778.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press@RunDepth: 37.24 psig @ 3905.00 ft (KB)
Start Date: 2014.07.09 End Date: 2014.07.09
Start Time: 00:12:01 End Time: 05:54:30
Capacity: 8000.00 psig
Last Calib.: 2014.07.09
Time On Btm: 2014.07.09 @ 01:55:50
Time Off Btm: 2014.07.09 @ 04:12:20

TEST COMMENT: 30 F - 1/4" blow built to 3"
30 ISI - No return
30 FF - Surface blow started @ 5 mins built to 1 1/2"
45 ISI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1908.66	111.67	Initial Hydro-static
1	12.30	111.43	Open To Flow (1)
31	27.08	113.21	Shut-in(1)
60	847.83	113.89	End Shut-in(1)
60	29.36	113.76	Open To Flow (2)
90	37.24	114.49	Shut-in(2)
137	831.08	115.16	End Shut-in(2)
137	1823.42	115.35	Final Hydro-static

Recovery

Length (%)	Description	Volume (bbl)
60.00	Mud 100%M	0.84

* Recovery from multiple tests

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)