



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Hutchinson Oil Co
PO Box 521
Derby, KS 67037
ATTN: Jeff Burk

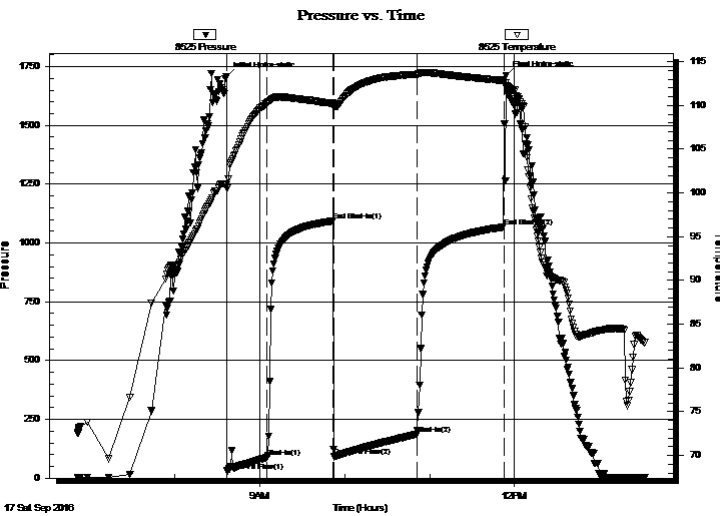
5-23S-12W Stafford
Hitz 2
Job Ticket: 55415 **DST#: 2**
Test Start: 2016.09.17 @ 06:51:20

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 08:36:35 Tester: Leal Cason
Time Test Ended: 13:32:20 Unit No: 74
Interval: 3400.00 ft (KB) To 3425.00 ft (KB) (TVD) Reference Elevations: 1849.00 ft (KB)
Total Depth: 3425.00 ft (KB) (TVD) 1844.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8525 Inside
Press@RunDepth: 187.14 psig @ 3401.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.09.17 End Date: 2016.09.17 Last Calib.: 2016.09.17
Start Time: 06:51:21 End Time: 13:32:20 Time On Btm: 2016.09.17 @ 08:36:20
Time Off Btm: 2016.09.17 @ 11:53:50

TEST COMMENT: IF: Fair Blow , BOB in 22 minutes
IS: No Blow Back
FF: Fair Blow , BOB in 27 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1707.28	100.97	Initial Hydro-static
1	31.15	100.52	Open To Flow (1)
29	88.18	110.33	Shut-In(1)
76	1093.43	110.25	End Shut-In(1)
76	91.04	109.93	Open To Flow (2)
135	187.14	113.55	Shut-In(2)
196	1067.74	112.84	End Shut-In(2)
198	1710.92	112.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
315.00	Water	4.42
30.00	MCW 24%M 76%W	0.42

* Recovery from multiple tests

Gas Rates

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

