

DRILL STEM TEST REPORT

Carrie Exploration & Development
 210 West 22nd Hays Kansas
 67601
 ATTN: Herb

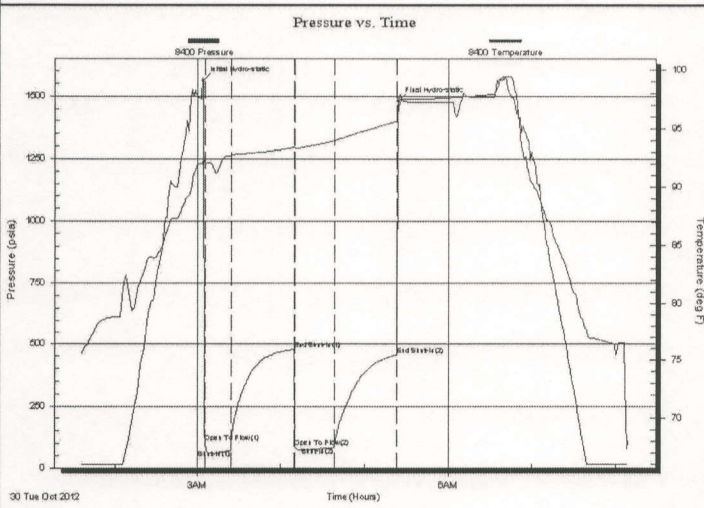
34-19s-11w-Barton
Thomas Farms C-3
 Job Ticket: 17851 **DST#: 2**
 Test Start: 2012.10.30 @ 01:35:00

GENERAL INFORMATION:

Formation: **Lancing C-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:05:30
 Time Test Ended: 08:09:30
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-25
 Interval: **3080.00 ft (KB) To 3125.00 ft (KB) (TVD)**
 Total Depth: 3125.00 ft (KB) (TVD)
 Reference Elevations: 1781.00 ft (KB)
 1773.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8400 Outside
 Press@RunDepth: 83.70 psia @ 3122.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.10.30 End Date: 2012.10.30 Last Calib.: 2012.10.30
 Start Time: 01:35:00 End Time: 08:09:30 Time On Btm: 2012.10.30 @ 03:04:00
 Time Off Btm: 2012.10.30 @ 05:24:00

TEST COMMENT: 1st Open 24 minutes Strong blow bottom bucket less than 1 minutes
 1st Shut in 45 minutes Yes blow back
 2nd Open 30 minutes Strong blow blew bottom bucket instantly.
 2nd Shut in 45 minutes Yes blow back



| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|----------------------|
| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
| 0 | 1560.89 | 92.42 | Initial Hydro-static |
| 2 | 105.13 | 92.08 | Open To Flow (1) |
| 20 | 72.20 | 92.70 | Shut-In(1) |
| 66 | 478.70 | 93.41 | End Shut-In(1) |
| 67 | 86.47 | 93.30 | Open To Flow (2) |
| 95 | 83.70 | 93.97 | Shut-In(2) |
| 140 | 456.40 | 95.63 | End Shut-In(2) |
| 140 | 1479.81 | 96.12 | Final Hydro-static |

| Recovery | | |
|-------------|--|--------------|
| Length (ft) | Description | Volume (bbl) |
| 60.00 | Mud cut gassy oil | 0.84 |
| 0.00 | Gas 5% Oil 3% Mud 92% | 0.00 |
| 60.00 | Gas cut oily mud | 0.84 |
| 0.00 | Gas 77% Oil 3% Mud 20% | 0.00 |
| 0.00 | Gas to surface in 22 minutes into the pi | 0.00 |

| Gas Rates | | | |
|----------------|----------------|-----------------|------------------|
| | Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
| First Gas Rate | 0.50 | 3.90 | 26.31 |
| Last Gas Rate | 0.38 | 3.00 | 10.99 |
| Max. Gas Rate | 0.50 | 3.90 | 26.31 |

Serial #: 6663

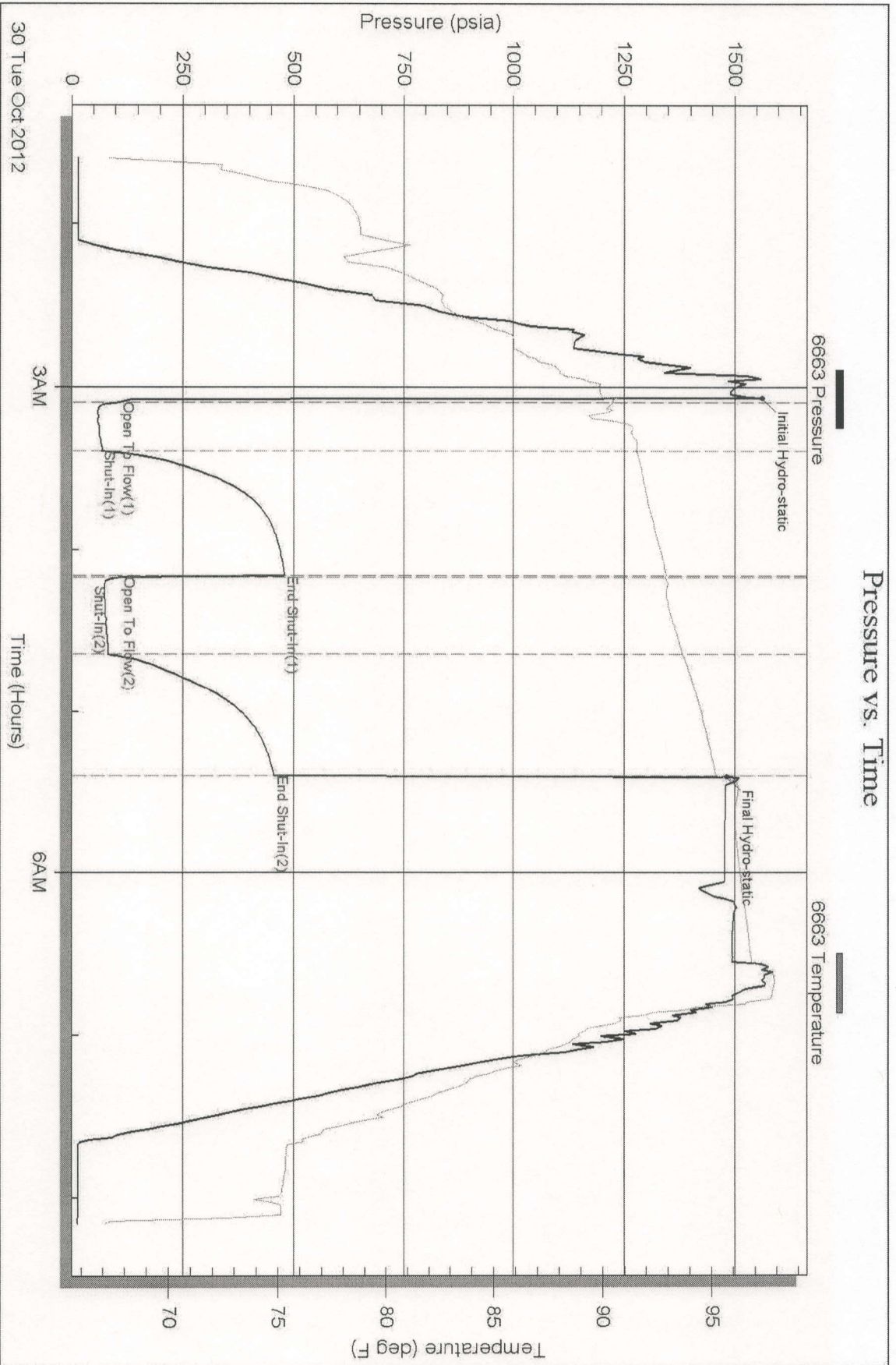
Inside

Carrie Exploration & Development

Thomas Farms C-3

DST Test Number: 2

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 17851

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