

DRILL STEM TEST REPORT

Carrie Exploration
 210 West 22ND
 Hays, Kansas 67601
 ATTN: Jeff Lawler

23/12S/22W/Trego
Doxon/Bunker #C-1
 Job Ticket: 17158 **DST#: 7**
 Test Start: 2012.02.11 @ 08:30:00

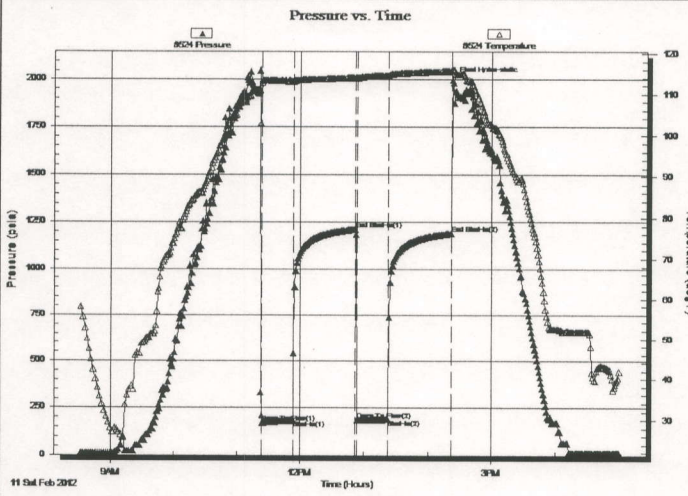
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:24:00
 Time Test Ended: 17:00:30
 Test Type: Conventional Straddle (Initial)
 Tester: Jared Scheck
 Unit No: 3325-Hays-50
 Interval: **4066.00 ft (KB) To 4084.00 ft (KB) (TVD)**
 Total Depth: 4140.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Reference Elevations: 2369.00 ft (KB)
 2362.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8524

Press@RunDepth: 190.66 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.02.11 End Date: 2012.02.11 Last Calib.: 2012.02.11
 Start Time: 08:30:00 End Time: 17:00:30 Time On Btm: 2012.02.11 @ 11:21:00
 Time Off Btm: 2012.02.11 @ 14:22:30

TEST COMMENT: 1st Opening 30 Minutes-Tool chased 10 feet to bottom weak blow built 6 inches into bucket in 30 minutes
 1st Shut-in 60 Minutes-No blow back
 2nd Opening 30 minutes-Weak blow built 1 1/2 into bucket in 30 minutes
 2nd shut-in 60 Minutes-No blow back



PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1941.04 | 110.96 | Initial Hydro-static |
| 3 | 172.43 | 113.33 | Open To Flow (1) |
| 32 | 185.20 | 113.10 | Shut-In(1) |
| 91 | 1213.00 | 114.09 | End Shut-In(1) |
| 93 | 184.93 | 113.98 | Open To Flow (2) |
| 122 | 190.66 | 114.62 | Shut-In(2) |
| 181 | 1191.56 | 115.72 | End Shut-In(2) |
| 182 | 1995.98 | 115.92 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------|--------------|
| 120.00 | Oily mud 60 %mud 40% oil | 0.59 |
| 120.00 | Oily mud 20 %oil 80 %mud | 1.14 |
| 180.00 | muddy oil 90% mud 10% oil | 2.52 |
| | | |
| | | |

Gas Rates

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