



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Beckman Trust A #1-19**

8080 E. Central, Suite #300  
Wichita, Ks 67206

**19 12s 33w Logan Ks**

ATTN: Jerry Smith

Job Ticket: 43260

**DST#: 2**

Test Start: 2011.07.04 @ 04:35:55

## GENERAL INFORMATION:

Formation: **Cherokee/Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:19:55

Time Test Ended: 13:55:10

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4625.00 ft (KB) To 4706.00 ft (KB) (TVD)**

Reference Elevations: 3169.00 ft (KB)

Total Depth: 4706.00 ft (KB) (TVD)

3159.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6667**

**Inside**

Press @ Run Depth: 191.37 psig @ 4626.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.04

End Date:

2011.07.04

Last Calib.: 2011.07.04

Start Time: 04:35:55

End Time:

13:34:10

Time On Btm: 2011.07.04 @ 07:18:55

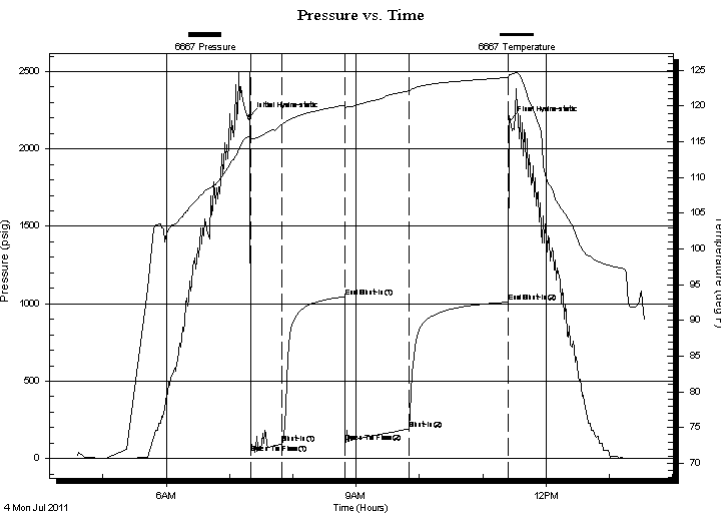
Time Off Btm: 2011.07.04 @ 11:25:40

TEST COMMENT: 4 1/2" in blow

No return

8" in blow

No return



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2211.61         | 115.65       | Initial Hydro-static |
| 1           | 33.55           | 115.11       | Open To Flow (1)     |
| 31          | 95.66           | 117.47       | Shut-In(1)           |
| 91          | 1045.50         | 120.16       | End Shut-In(1)       |
| 91          | 103.86          | 119.64       | Open To Flow (2)     |
| 152         | 191.37          | 122.12       | Shut-In(2)           |
| 246         | 1010.37         | 124.00       | End Shut-In(2)       |
| 247         | 2185.74         | 124.37       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                      | Volume (bbl) |
|-------------|----------------------------------|--------------|
| 473.00      | s g w & o c m 5%g 10%w 20%o 65%m | 2.33         |
| 31.00       | s g m 5%g 95%m                   | 0.15         |
| 0.00        | 31' w eak gas in pipe            | 0.00         |
|             |                                  |              |
|             |                                  |              |

## Gas Rates

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



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**FLUID SUMMARY**

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**DST#: 2**

ATTN: Jerry Smith

Test Start: 2011.07.04 @ 04:35:55

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

| Length<br>ft | Description                      | Volume<br>bbbl |
|--------------|----------------------------------|----------------|
| 473.00       | s g w & o c m 5%g 10%w 20%o 65%m | 2.326          |
| 31.00        | s g m 5%g 95%m                   | 0.152          |
| 0.00         | 31' weak gas in pipe             | 0.000          |

Total Length: 504.00 ft

Total Volume: 2.478 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

