# DRILL STEM TEST REPORT

Concorde Resources Corporation

111 S. Main St.
P.O.Box 841
Eufaula OK 74432
ATTN: Steve Murphy

**12-12s-34w Logan Co**

**Mc Daniel 1 12**

Job Ticket: 64461 **DST#: 2**

Test Start: 2015.08.26 @ 06:45:15

## GENERAL INFORMATION:

Formation: **Marmaton-Altamont A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:26:00
Time Test Ended: 13:44:45

Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65

**Interval: 4136.00 ft (KB) To 4160.00 ft (KB) (TVD)**
Total Depth: 4160.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

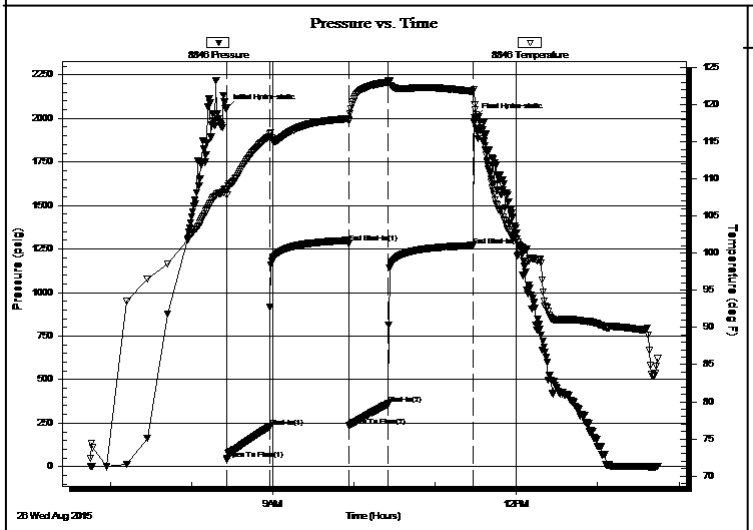
Reference Elevations: 2853.00 ft (KB)
2848.00 ft (CF)
KB to GR/CF: 5.00 ft

**Serial #: 8846** **Inside**

Press@RunDepth: 361.13 psig @ 4155.00 ft (KB)
Start Date: 2015.08.26 End Date: 2015.08.26
Start Time: 06:45:15 End Time: 13:44:45

Capacity: 8000.00 psig
Last Calib.: 2015.08.26
Time On Btm: 2015.08.26 @ 08:25:45
Time Off Btm: 2015.08.26 @ 11:29:00

TEST COMMENT: IF:BOB in 5 min.
IS:Return blow built to 2 1/2"
FF:BOB in 5 min
FS:Return blow built to 2"




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 2056.39 | 108.65 | Initial Hydro-static |
| 1 | 43.06 | 107.87 | Open To Flow (1) |
| 32 | 228.00 | 115.74 | Shut-In(1) |
| 90 | 1282.89 | 118.09 | End Shut-In(1) |
| 91 | 234.54 | 117.78 | Open To Flow (2) |
| 120 | 361.13 | 123.03 | Shut-In(2) |
| 183 | 1270.73 | 121.79 | End Shut-In(2) |
| 184 | 2002.70 | 120.02 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 117.00 | gcmo 10%g 30%m 60%o | 0.58 |
| 62.00 | mcgo 10%m 10% g 80%o | 0.87 |
| 372.00 | mcgo 2%m 13%g 85%o | 5.22 |
| 536.00 | gco 30%g 70%o | 7.52 |
| 0.00 | GIP= 372 feet | 0.00 |
| | | |

* Recovery from multiple tests

## Gas Rates

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

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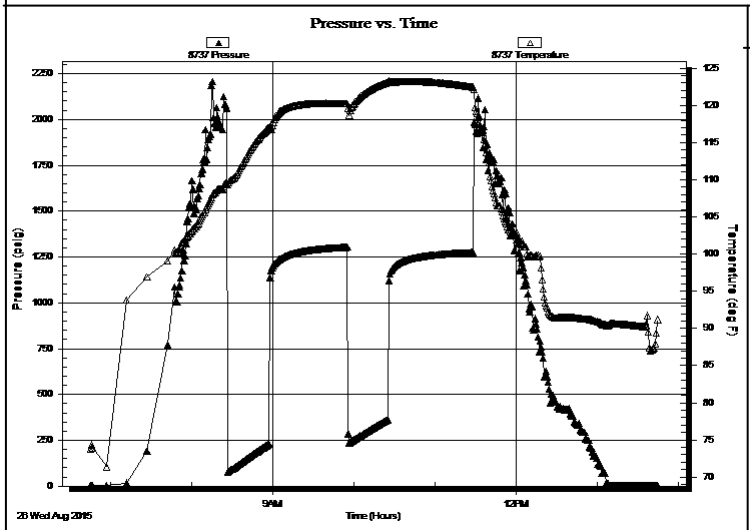
Reference Elevations: 2853.00 ft (KB)
2848.00 ft (CF)
KB to GR/CF: 5.00 ft

**Serial #: 8737** **Outside**

Press@RunDepth: psig @ 4155.00 ft (KB)
Start Date: 2015.08.26 End Date: 2015.08.26
Start Time: 06:45:15 End Time: 13:44:30

Capacity: 8000.00 psig
Last Calib.: 2015.08.26
Time On Btm:
Time Off Btm:

TEST COMMENT: IF:BOB in 5 min.
IS:Return blow built to 2 1/2"
FF:BOB in 5 min
FS:Return blow built to 2"




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 117.00 | gcmo 10%g 30%m 60%o | 0.58 |
| 62.00 | mcgo 10%m 10% g 80%o | 0.87 |
| 372.00 | mcgo 2%m 13%g 85%o | 5.22 |
| 536.00 | gco 30%g 70%o | 7.52 |
| 0.00 | GIP= 372 feet | 0.00 |
| | | |

* Recovery from multiple tests

## Gas Rates

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

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Concorde Resources Corporation

111 S. Main St.
P.O.Box 841
Eufaula OK 74432
ATTN: Steve Murphy

**12-12s-34w Logan Co**

**Mc Daniel 1 12**

Job Ticket: 64461 **DST#: 2**

Test Start: 2015.08.26 @ 06:45:15

## Mud and Cushion Information

| | | | | | |
|---|---|---|---|---|---|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | 30 deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | 0 ppm |
| Viscosity: | 49.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 8.77 in³ | Gas Cushion Type: | | | |
| Resistivity: | 0.00 ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 8000.00 ppm | | | | |
| Filter Cake: | 1.00 inches | | | | |

## Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|---|---|---|
| 117.00 | gcmo 10%g 30%m 60%o | 0.575 |
| 62.00 | mcgo 10%m 10% g 80%o | 0.870 |
| 372.00 | mcgo 2%m 13%g 85%o | 5.218 |
| 536.00 | gco 30%g 70%o | 7.519 |
| 0.00 | GIP= 372 feet | 0.000 |

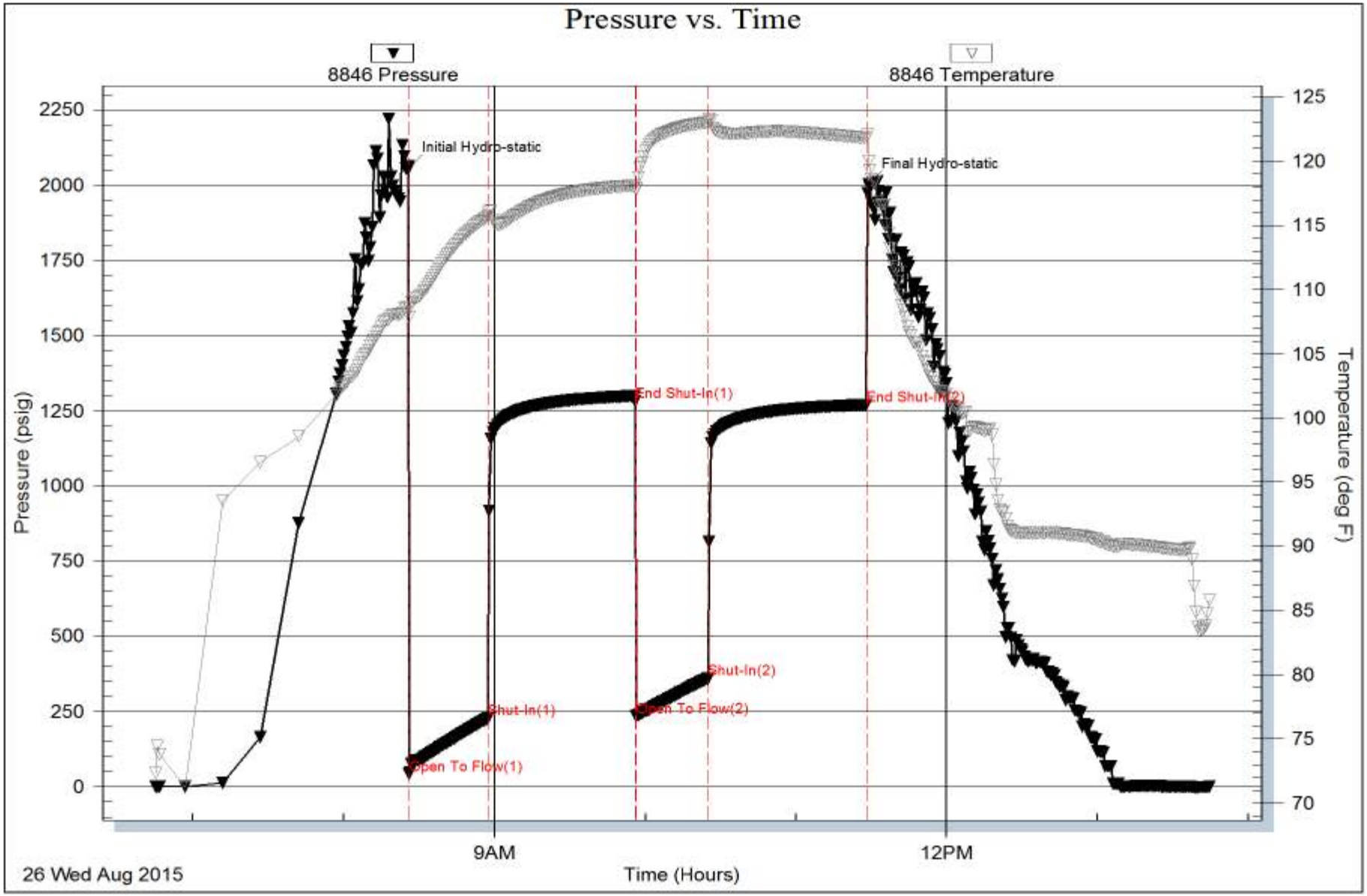
Total Length: 1087.00 ft Total Volume: 14.182 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

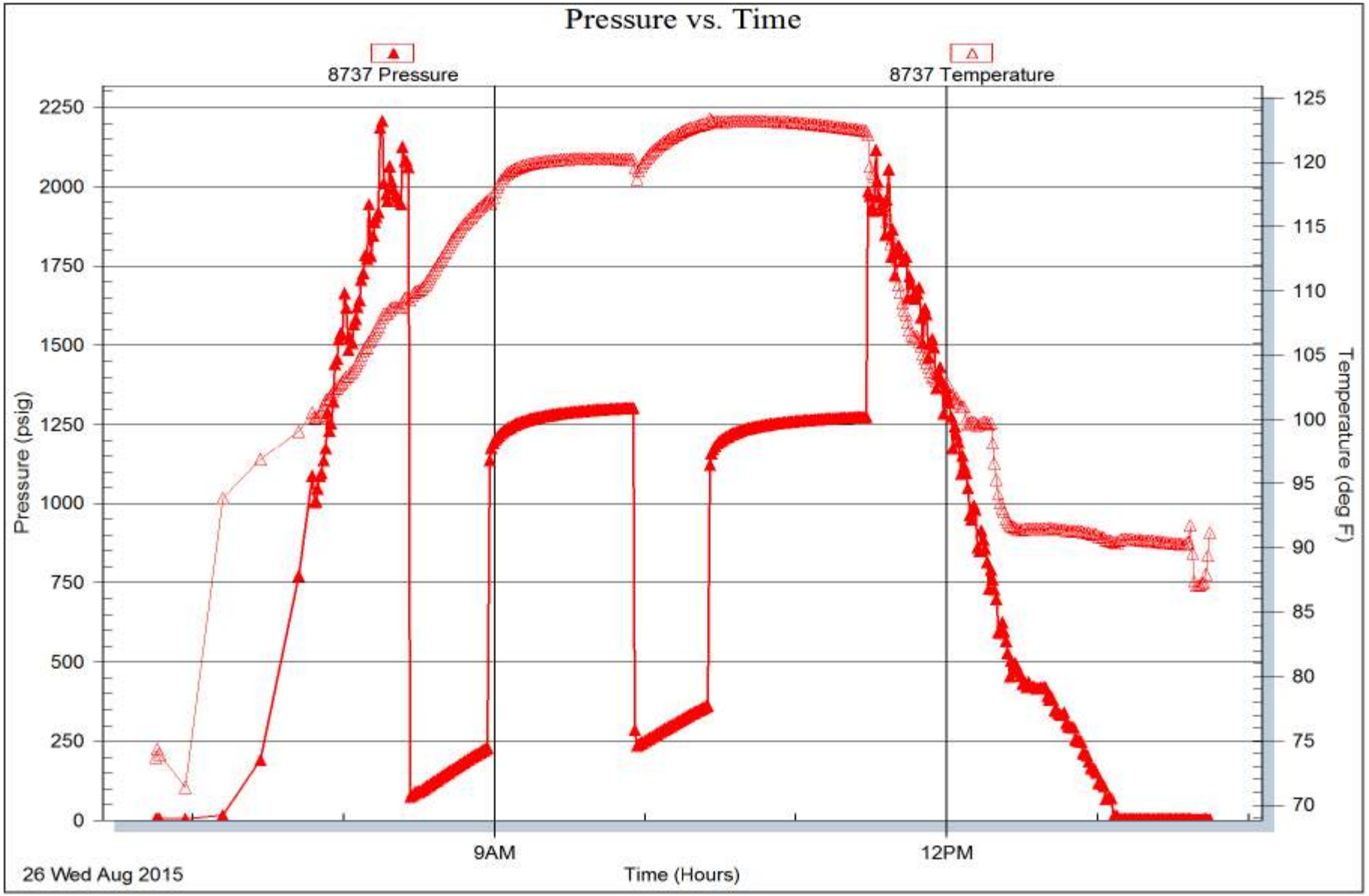
Recovery Comments: API= 34 @100 corrected tp 30 @ 60

Serial #: 8846 **Inside** Concorde Resources Corporation Mc Daniel 1 12 DST Test Number: 2




Trilobite Testing, Inc Ref. No: 64461 Printed: 2015.08.26 @ 15:57:56

Serial #: 8737 **Outside** Concorde Resources Corporation Mc Daniel 1 12 DST Test Number: 2




Trilobite Testing, Inc Ref. No: 64461 Printed: 2015.08.26 @ 15:57:57