



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Falcon Exploration  
125 N Market STE1252  
Wichita KS, 67202  
ATTN: Brian Fisher

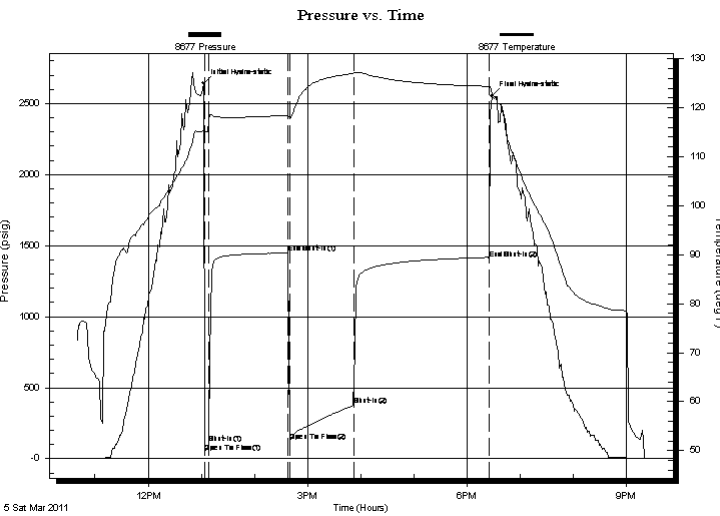
**R. Josserand #1-4**  
**4/28s/30w**  
Job Ticket: 39391      **DST#: 3**  
Test Start: 2011.03.05 @ 10:40:27

## GENERAL INFORMATION:

Formation: **ST. LOUIS 'B'**  
Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole  
Time Tool Opened: 13:03:42      Tester: Mike Slemp  
Time Test Ended: 21:20:57      Unit No: 53  
**Interval: 5250.00 ft (KB) To 5305.00 ft (KB) (TVD)**      Reference Elevations: 2819.00 ft (KB)  
Total Depth: 5305.00 ft (KB) (TVD)      2807.00 ft (CF)  
Hole Diameter: 6.75 inches Hole Condition: Good      KB to GR/CF: 12.00 ft

**Serial #: 8677      Inside**  
Press @ Run Depth: 376.13 psig @ 5252.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.03.05      End Date: 2011.03.05      Last Calib.: 2011.03.05  
Start Time: 10:40:28      End Time: 21:20:57      Time On Btm: 2011.03.05 @ 13:02:12  
Time Off Btm: 2011.03.05 @ 18:27:42

**TEST COMMENT:** IF- Weak building blow , 6 inches in 6 minutes  
IS- No blow back  
FF- Strong building blow BOB in 21 minutes  
FS- 1/2 inch blow back for duration of shut in 150 min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2641.11	115.25	Initial Hydro-static
2	45.38	115.30	Open To Flow (1)
6	111.39	117.28	Shut-In(1)
96	1447.56	118.43	End Shut-In(1)
98	123.57	117.88	Open To Flow (2)
170	376.13	126.97	Shut-In(2)
323	1409.33	124.39	End Shut-In(2)
326	2554.43	122.95	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM100% mud skim of oil	0.59
120.00	WCM60% water 40% mud	0.59
731.00	WCM80% water 20% mud	9.08

## Gas Rates

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



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### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	50000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	OCM100%mud skim of oil	0.590
120.00	WCM60%w ater40%mud	0.590
731.00	WCM80%w ater20%mud	9.079

Total Length: 971.00 ft      Total Volume: 10.259 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

# Pressure vs. Time

