

## D-Valves Ltd.

6133 -97 St.

Edmonton, Alberta T6E 3J3

Phone (780) 436-5353 Fax (780) 438-7906

We certify that all inside blow-out preventers, kellycocks and valves supplied on the work order listed below, are manufactured to meet all requirements in accordance with :

American Petroleum Institute (A.P.I. – Spec 7)

National Association of Corrosion Engineers (NACE- MR-01-75 )

Industry Recommended Practices (I.R.P. Volume 1)

All valves have been pressure tested and charted.

Customer: Caliber Energy Systems  
Work Order # 87403

Date: September 22, 2014

Size: 4 ½ Eue D-Valve Safety IBOP, NACE, 2 pce  
Special Clearance

Pressure: 5,000 PSI

Serial # D4500SC-240  
CER-0419

Part	Number	Material	Part	Number	Material
Body	D4500SC-BD	4140	Ball	D4500-B	17-4 PH
Stem	D4500-S	Monel	Lower Seat	D4500-LS	Bronze
Upper Seat	D4500-US	Bronze	Sub	D4500SC-SU	4140
Stop Ring	D4500-SR	4140	Spring	DVA 1189	750X Inconel

Authorized Signature: *M. LaFrance*

200,000 lbs Pull @ 0 PSI

150,000 lbs pull @ 5000 PSI



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6133 - 97th St. Edmonton Alberta

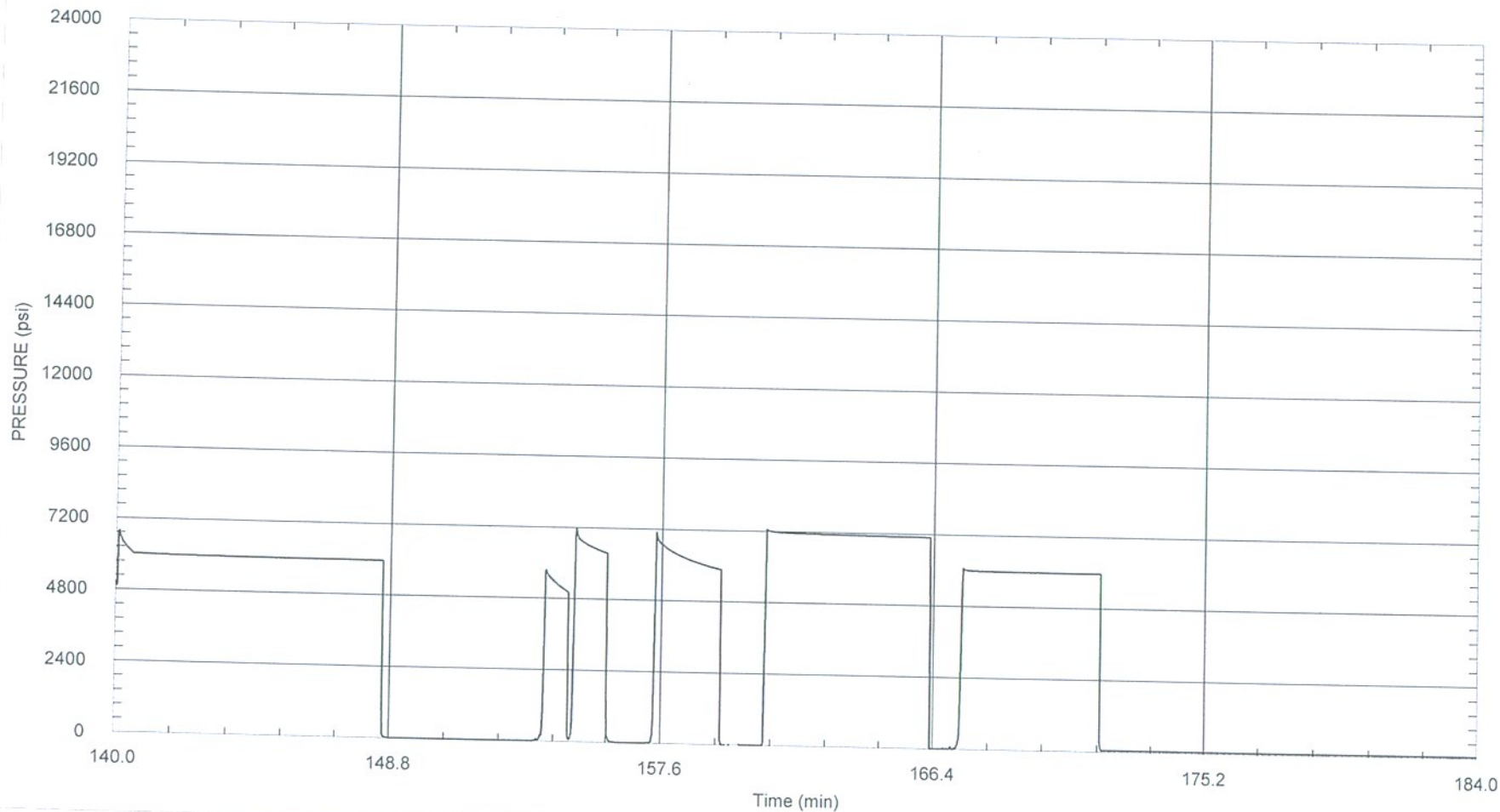
Phone : (780) 436 - 5353

Fax : (780) 438 - 7906

Email :

dvalves@telusplanet.net

**Caliber Energy Systems  
W/O 87403  
4 1/2 Eue D-Valve Safety IBOP, NACE, 5000 PSI  
D4500SC-240**



Pressure Test Conducted On: September 22, 2014  
Test Conducted By: Travis