

# Wayne Dalum COMPRESSOR UNIT

## WEST ANCK-52002/Howden WRV 321 AT 150

11-15

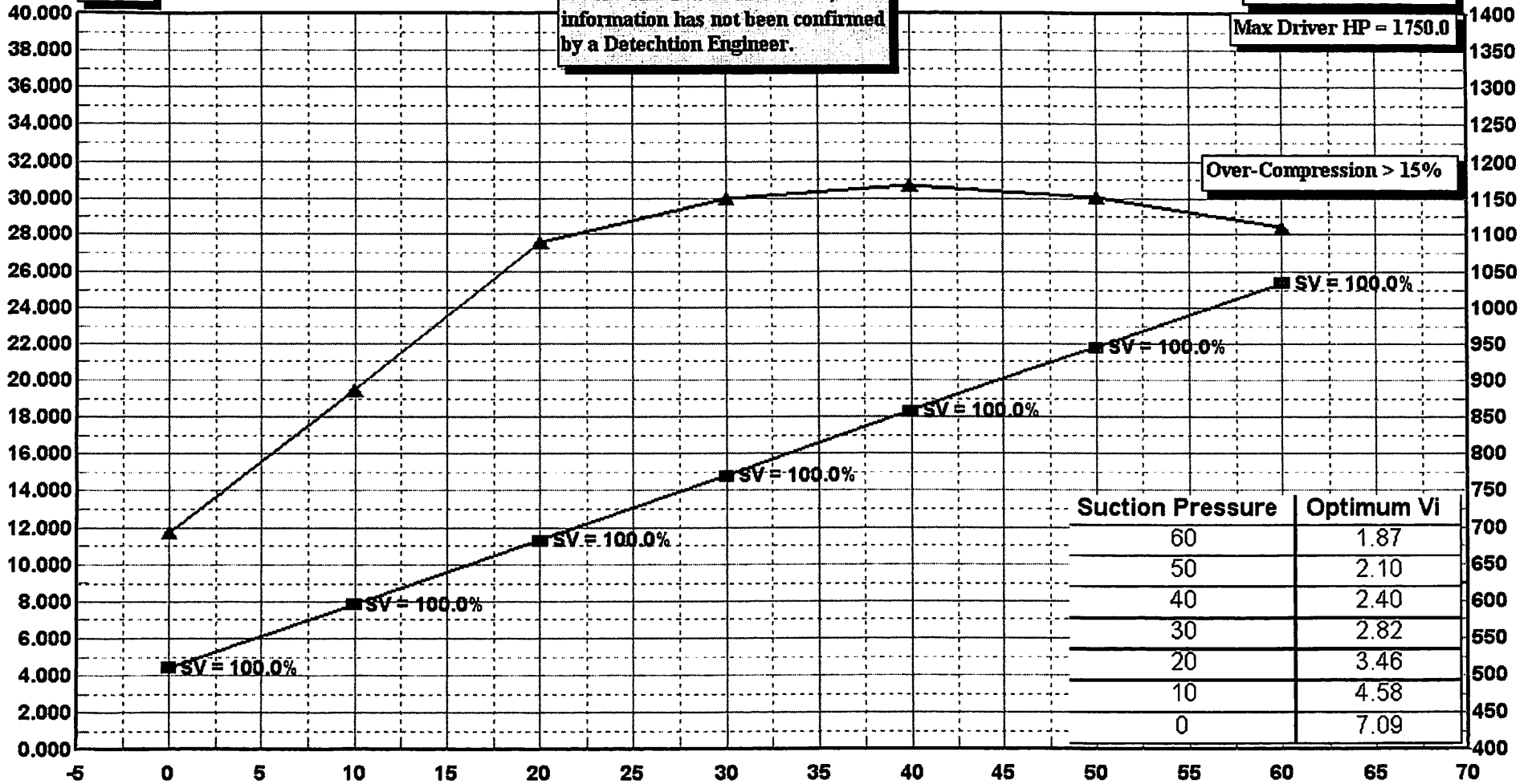
**NOTE: This is a STUDY curve, the information has not been confirmed by a Detection Engineer.**

Elevation = 2700.0 fasl

Max Driver HP = 1750.0

Over-Compression > 15%

CAPACITY - MMSCFD @ 14.696psia & 60oF



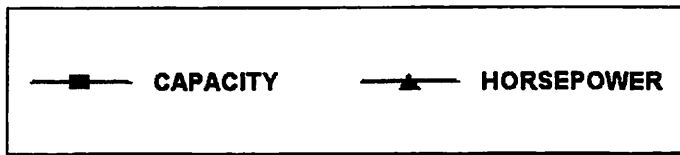
Suction Pressure	Optimum Vi
60	1.87
50	2.10
40	2.40
30	2.82
20	3.46
10	4.58
0	7.09

HORSEPOWER AT 3578 RPM

**Engine and Compressor Information:**

Engine Make = WESTINGHOUSE  
 Engine Model = ANCK-52002  
 Gear Ratio = 1.00  
 Compressor Make = Howden  
 Compressor Model = WRV 321  
 Compressor L/D Ratio = 1.93  
 Compressor RPM = 3578  
 Max Discharge Pressure = 348 psig

**SUCTION PRESSURE at 60oF (PSIG)**



Project Number

**Cooler Information:**

Cooler Make = Unknown  
 Cooler Model = Unknown  
 Cooler HP = 0.0 at max RPM

**Oil Information:**

Oil Pump = NO  
 Oil Density = 52.00  
 Oil Specific Heat = 0.48

**Gas Information:**

Gas k-Value = 1.280  
 Gas Specific Gravity = 0.642

