

62045267



WORK ORDER NUMBER: 81107034

## ENGINE DATA SHEET

UNIQUE WELL ID (UWI): 04-35-046-06-W4 (i.e. 131/16-01-051-23W3/03)		DATE COLLECTED: 06/23/2016 (MM/DD/YYYY)	
DATA COLLECTED BY: (FIRST AND LAST NAME)		COMPANY NAME: BIDELL	
<b>COMPRESSOR ENGINE INFORMATION</b>			
MANUFACTURER: CAT		MODEL / SIZE: G3304NA	
SERIAL NUMBER: N4F00213		HOURS:	
<b>COMPRESSOR BUILDING INFORMATION</b>			
MANUFACTURER: WATERFLOOD		SERIAL / CSN #: 1160	
<b>COMPRESSOR INFORMATION</b>			
MANUFACTURER: GARDNER DENVER		MODEL: SSHG99B	
SERIAL NUMBER:			

ENGINE OIL PRESSURE		58	PSI
ENGINE OIL TEMP		165	°F
COMPRESSOR OIL PRESSURE		110	PSI
COMPRESSOR OIL TEMP		180	°F
INTAKE MANIFOLD PRESSURE (RB)		8" V4L	"Hg
INTAKE MANIFOLD PRESSURE (LB)	N/A		"Hg
PRIMARY FUEL PRESSURE		46.5	PSI
REGULATED FUEL PRESSURE (RB)		4.7	"H <sub>2</sub> O
REGULATED FUEL PRESSURE (LB)	N/A		"H <sub>2</sub> O
PRECHAMBER FUEL PRESSURE	N/A		"Hg
TURBO RESERVE PRESSURE (R/B)	N/A		"Hg
TURBO RESERVE PRESSURE (L/B)	N/A		"Hg
CRANKCASE PRESSURE		0.5 positive	"H <sub>2</sub> O
EXHAUST O2 (RB)			%
EXHAUST O2 (LB)			%
EXHAUST CO (RB)			%
EXHAUST CO (LB)			%
IGNITION TIMING		30	° BTDC
SPARK PLUG GAP		0.015 "	"
RPM		1340	

Please send completed form to: HOG PM MASTER DATA SUPPORT, Asset Integrity Management  
 equip\_llyd\_hog@huskyenergy.com  
 (306) 820-8272 (T)

Ext to Spec 0.015 int.  
0.030 exh.

Spec.

CYL NUMBER		INITIAL		WEAR		COMPRESSION	
0-015 1	INTAKE	CAM	EXH 0.018	CAM	EXH + 0.003	230	PSI
0-030	EXHAUST	CAM	EXH 0.019	CAM	EXH 0.011		PSI
2	INTAKE	CAM	EXH 0.016	CAM	EXH + 0.002	240	PSI
	EXHAUST	CAM	EXH 0.015	CAM	EXH 0.015		PSI
3	INTAKE	CAM	EXH 0.017	CAM	EXH + 0.002	230	PSI
	EXHAUST	CAM	EXH 0.024	CAM	EXH 0.006		PSI
4	INTAKE	CAM	EXH 0.015	CAM	EXH 0.000	210	PSI
	EXHAUST	CAM	EXH 0.027	CAM	EXH 0.003		PSI
5	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
6	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
7	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
8	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
9	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
10	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
11	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
12	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
13	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
14	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
15	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI
16	INTAKE	CAM	EXH	CAM	EXH		PSI
	EXHAUST	CAM	EXH	CAM	EXH		PSI

DEFICIENCIES (PMF CONSIDERATIONS): Borescope engine - recommend head swap  
Cyl # 1-3 exh valves badly sunk - less than 1/8" margin  
#4 x-hatch thin - more ash/carbon - more valve margin

I HAVE CONTACTED AREA LEAD TRADESMAN TO BEGIN PMF WORK:

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

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LSD	Replaced		Inspected	Comments
	Yes	No		
WO #				
Spark Plugs	✓			
Extension <i>N/A</i>				
Fuel Filters		✓		
Air Filters	✓			<i>replace one weak can</i>
Coils	①		✓	
Secondary leads		✓		
Primary Leads		✓		
Hydraulic Lifters		✓		
Valve Cover Gaskets	✓			
Ad Valves <i>N/A</i>				
Carb Diaphragm LB		✓	✓	
Carb Diaphragm RB <i>N/A</i>				
Carb Butterflies		✓		
Governor		✓		
Governor Linkage		✓	✓	
Main Water Pump Belts <i>N/A</i>			<i>WCO</i>	
Aux Water pump Belts <i>N/A</i>				
Engine to jackshaft belts		✓	✓	
Jackshaft to cooler Belts <i>N/A</i>				
Cooler belts <i>N/A</i>				
Jackshaft bearings		✓	✓	
Fan shaft Bearings		✓	✓	
Idler Bearings		✓	✓	<i>- small bit of play - not critical</i>
Engine Oil Change	✓			
Compressor Oil Change		✓		
Compressor Filter		✓		

  

Jacket Water Temperature	<i>185</i>
Glycol strength	

#### ENGINE

EXH Temperature	LB	RB
1		
2		
3		
4		
5		
6		
7		
8		

#### COMPRESSOR

Lube Rates	LB	RB
Packing Vents	YES	NO
Valve Temps	YES	NO

	Stage ____	Stage ____	Stage ____
PSI Suc			
PSI Dis			
Temp Suc			
Temp Dis			

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