

SUBMERSIBLE PUMP DESIGN DATA SHEET



REAPER PUMPS INC.

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Company:		Well Location or ID/Field:	
Design Requested by:		Phone/Fax:	
Date Reply Required:		Planned Installation Date:	

Purpose of ESP Sizing:	
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FLUID PROPERTIES

Oil API Gravity		°API
Current Water Cut		%
Water Specific Gravity		rel-H ₂ O
Liquid Specific Gravity		rel-H ₂ O
Gas Relative Density		rel-Air
Producing GOR		m ³ /m ³
Solution GOR		m ³ /m ³
Bubble Point Pressure		KPa

TEMPERATURE MODEL

Earth Surface Temp.		°C
Fluid Surface Temp.		°C
Bottom Hole Temp.		°C

GAS IMPURITIES

Nitrogen (N ₂)		%
Hydrogen Sulphide (H ₂ S)		%
Carbon Dioxide (CO ₂)		%
Chlorides (Cl)		ppm

IPR & TEST DATA

Datum, Vertical Depth		m
Top of Perfs/Open Hole		m
Static Reservoir Pressure		KPa
Current Test Flow		m ³ /d
Pump Intake Pressure		Kpa (@ above rate)

IPR & TEST DATA

Datum, Vertical Depth		m
Top of Perfs/Open Hole		m
Static Fluid Level		m
Current Test Flow		m ³ /d
Producing Fluid Level		m (from surf.)

TARGET

Pump Setting Depth (vert.)		m
Desired Total Production		m ³ /d
Minimum PIP		KPa

SURFACE PRESSURES

Tubing Surface Pressure		KPa
Casing Surface Pressure		KPa

NOTES:

Attach copy of survey if directional well and copy of IPR/PI graph if available

WELL DATA

	Size (mm)	Weight (kg/m)	Landed @ (m)
Production Casing			
Production Liner			
Production Tubing			
True Vertical Depth		m	Measured Depth
Producing Formation:			Kick-off Point
Perforations:			

SPECIAL CONCERNS

Sand?		%
Paraffin?		Y/N
Scale?		No or Type

Corrosion?		Y/N
Asphaltenes?		Y/N

Thank you for inquiring about Reaper Pumps submersible pumping equipment and services.

Power Supply

Frequency		Hz
Voltage		Volts
Max. Amps.		Amps