



### CUSTOMER WELL : SURVEY DATA for Asta - Centralizer placement model Computational Results

We are pleased to give you the best possible well recommendations, hence it is highly appreciated to you to fill the following survey data accurately :

Company : \_\_\_\_\_  
Contact Person : \_\_\_\_\_  
Email Address : \_\_\_\_\_  
Field Name : \_\_\_\_\_  
Well Name : \_\_\_\_\_  
Location : \_\_\_\_\_  
Contractor / Operator : \_\_\_\_\_  
Type of Job : \_\_\_\_\_

**Well Survey :**

The survey data is very important in determining the wellbore trajectory and doglegs .  
[Please insert additional row if required].

M. DEPTH	INC [deg]	AZIMUTH [deg]



**Wellbore intervals [from top down] :**

Description	:	ID [in]	MD [ft]	Friction Factor
Case Hole	:			
Open Hole	:			
	:			
	:			

**Pipe & Centralizer Properties :**

Traveling Assembly Weigh [TAW] : \_\_\_\_\_ [lbf]

Size of Casing/Tubing/Tubular : \_\_\_\_\_ [in]

Weight : \_\_\_\_\_ [ppf]

Grade & Type of Connection : \_\_\_\_\_

Average Joint Length : \_\_\_\_\_ ft      \_\_\_\_\_ ft      \_\_\_\_\_ ft      \_\_\_\_\_ ft

Centralizer Req'd per Joint Length :      Bow       Rigid

Stand Off or Spacing Req'd : \_\_\_\_\_ %      or      \_\_\_\_\_ ft

If Consider casing flotation , please specify :

Air section length : \_\_\_\_\_ [ft]

Maximum air section length : \_\_\_\_\_ [ft]

**Operation Data and Fluids :**

Tripping Speed : \_\_\_\_\_ [ft/min]

Rotation speed : \_\_\_\_\_ [rpm]

Pipe end drag or WOB : \_\_\_\_\_ [lbf]

Pipe end torque or TOB : \_\_\_\_\_ [ft-lb]

Mud weight in annulus during tripping : \_\_\_\_\_ [ppg]

Mud inside pipe during tripping : \_\_\_\_\_ [ppg]

Mud weight inside pipe after cementing : \_\_\_\_\_ [ppg]

**Fluids in well after cement job :**

#	Annular fluids	Density (ppg)	Top MD (ft)
1	mud		
2	Slurry		
3			
4			