

Well Name	Sater CC18-72-1HN
Pilot Hole TVD	6848 x
Pilot Hole MD	6867.2 x
Planned LP TVD	x
Actual LP TVD	x
Original KOP	5907.4 x
Max Tang Inc	11.59 x
Step Out N/S	-226.2 x
Step Out E/W	-28.1 x
Total Step out	227.9
Rig	Prec 829

Plug 1 Details

Top MD	6267.2
Bottom MD	6867.2

Viscous Pill

Bottom MD	6250
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Plug 2 Details

Top MD	5550
Bottom MD	6150

Plug Back Procedure:

1) Pump Cement Plug 1 (Bottom MD to Top MD):

- 38 BBLS 13.5 PPG water based tuned spacer
- 220 sks 15.8 ppg plug cement (44 BBLS)
- 5.5 bbls 13.5 ppg water based tuned spacer

2) Pump 7.5 BBLS Viscous Pill, 14.0 ppg, 40-50 viscosity (100 ft below plug 2 bottom MD)

3) Pump cement plug 2 (Bottom MD to Top MD):

- 38 BBLS 13.5 PPG water based tuned spacer
- 270 sks 17.5 ppg plug cement (44 BBLS)
- 5.5 bbls 13.5 ppg water based tuned spacer

4) Time drill off of top plug to get departure from pilot hole

5) Begin drilling curve as originally permitted