

MERIDIAN OIL - OPERATION PLAN
USA #2 HORIZONTAL RE-ENTRY

CONFIDENTIAL

PRELIMINARY OPERATIONS

- 1) Move completion rig on location - Rig up.
- 2) Pull top section of wellhead - Rig up 6" (3M psi) BOP's. Pressure test BOP stack to 200 psi for 10 minutes and 2500 psi for 30 minutes. Maximum allowable pressure = 3000 psi. (See attached BOP / choke manifold diagrams)
- 3) Set cement retainer at 5750'.
- 4) TIH with 2 3/8" tubing. Establish circulation (Freshwater) at Total Depth.
- 5) Sting into cement retainer and squeeze cement plug (5750'-7033'):
 Slurry: Class 'B' neat
 Volume: 159 cu ft
 Sacks: 135 sacks
 Water: 5.20 gal / sack
 Weight: 15.6 ppg
- 6) Sting out of retainer. Reverse circulate out.
- 7) Load hole with gelled water - Visc = 60 sec/qt, YP = 40. TOOH -

SECTION MILLING OPERATIONS

The section milling operations will be turn-keyed.

- 1) Mill section from 5660' to 5720' (60').
- 2) Under-Ream section to original hole size (7.875").
- 3) Set cement kick-off plug on top of cement retainer @ 5750' to 5600'. Pull above plug to 5575' and reverse circulate.

Cement Properties

Slurry: Class 'G' with 0.5% D65 (Turbulence inducer)

Slurry (# sacks):	56.0
Slurry Volume (cuft):	56.0
Excess Slurry (%):	100
Slurry Weight (ppg):	17.0
Slurry Yield (cuft / sack):	0.99
Water Required (gal / sack):	4.25
Setting Time @ 120 degrees F (hours):	2.0

- 4) Drill out with packed assembly - Drill 4 1/2" hole to kick-off point at 5700'. Unload hole with air/mist system.