

South Shale Ridge 9-17

C-12736

NE SE Section 17 R82 T98W 6 PM Mesa County

API# 05-077-08610

Location ID: 312606

Plugging Procedure

1. Move in and rig up.
2. Excavate surface casing head and monitor during operations.
3. Set a CIBP at 3560' and spot 2 sacks of cement on top of plug.
4. Perforate 4 1/2" production casing at 1450' with 4 spf.
5. Set a CICR at 1350'. Establish injection rate and pressure.
6. Mix and pump 30 sacks of 15.6 ppg cement. Displace cement retainer. Pump 22 sacks below retainer and pull out of CIRC. Spot 8 sacks in casing. TOH with tubing.
7. Perforate 4 1/2" casing at 170' with 4 spf.
8. Establish circulation down 4 1/2" production casing and out 8 5/8" surface casing head valve. Calculated volume is 10 bbls.
9. Mix and pump down 4 1/2" casing sufficient volume of 15.6 ppg cement (48 sacks estimated) to circulate cement out 8 5/8" surface casing valve. Shut down when good cement returns are observed at surface. Leave 4 1/2" casing full of cement.
10. Excavate wellhead to 6' below grade. Cut off casing 4' below grade.
11. Top of cement inside 4 1/2" and 4 1/2" X 8 5/8" annulus as needed from 50' to surface.
12. Weld steel plate with weep hole on casing stub.
13. Plate to have the following information:

Maralex Resources, Inc.
C-12763
South Shale Ridge 9-17
NESE 17 8S 98W
0507708610