

Hancock Gulch 1-15 CBM

NE NE Section 15 T8S R98W Mesa County

API # 05 077 08597 C - 12735

Plugging Procedure

1. Move in and rig up service unit. Install blowout preventer equipment.
2. Excavate around 8⁵/₈" surface casinghead and monitor during operations.
3. POOH laying down 3/4" sucker rods. POOH with 2⁷/₈" tubing.
4. Set CIBP at 3250'. Dump bail 5 sacks (64') of cement on top of plug.
5. Perforate 4 1/2" casing 2365' to 2366' with 4 spf.
6. Set cement retainer at 2355'. Establish injection rate and pressure. Mix and pump 30 sacks of cement squeezing 20 sacks through perforations below retainer and leaving 10 sacks on top of retainer. Pull tubing up to 2000'. Pump tubing volume. Pump down tubing as possible upper casing leak may prevent reverse circulating. POOH laying down tubing.
7. Set CIBP at 170'. Perforate 4 1/2" casing 165' to 166' with 4 spf.
8. TIH with 60' of tubing. Close 4 1/2" casing valve and open 8⁵/₈" surface casing valve. Establish circulation down 4 1/2" and out 8⁵/₈". Calculated volume is 10 bbls.
9. Mix and pump sufficient cement (estimate 50 sacks) to bring cement to surface out 4 1/2" X 8⁵/₈" annulus. Displace cement in tubing with water. POOH. Shut in well and WOC.
10. Tag cement top inside 4 1/2". Lay down tubing. Excavate around wellhead 6' below grade.
11. Cut off casing 4' below grade. If cement has fallen back in annulus, run a hose down annulus a maximum of 50' and cement back to surface. Set a 10 sack top plug inside 4 1/2".
12. Weld plate on casing stub with the following information:

Maralex Resources, Inc.

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