

South Shale Ridge 5-23
Mesa County
SW NW Section 23, T8S, R98W 6 PM
COC-12737
API # 05-077-08614
October 7, 2021
EMERGENCY PLUGGING PROCEDURE
Rig on Location

1. Set a 4½" CIBP at 3580'. Spot a minimum of 50' of cement on top of plug (5 sacks of Class B neat).
2. Set bottom of tubing at 3167'.
3. Mix and pump 50 sacks of Class B neat cement and displace with 6 bbls of water. Shut in casing and then displace with 4.2 more barrels of water to squeeze cement into holes in casing.
4. Pull up hole with tubing 15 stands and wait on cement for about 2 hours. Trip back in and tag top of cement. If top is below 2900, pump another plug to bring cement back to a minimum of 2900'.
5. Trip out of hole laying down pipe to 870 feet.
6. Attempt to establish circulation through holes from 150' to 820' through bradenhead. Once circulation is established pump a gel plug or dyed water through holes and time return to pit. Calculate volume of water required to circulate this marker to determine amount of cement needed to fill between casing and hole annular volume.
7. Mix and pump volume of cement calculated from step 6 plus ten percent.
8. Once cement returns are noted at Bradenhead, shut bradenhead valve and pump 10 more sacks of cement down tubing with casing open to pit.
9. Trip out of hole laying down tubing.
10. Excavate around surface casing and cut off casing 4' below grade.
11. Top off the 4½" and 4½" X 8⅝" annulus with cement from 50' back to surface.
12. Weld a steel marker plate with weep hole onto the casing stub. The marker plate is to be inscribed with the following information:

Maralex Resources, Inc./Vision Energy, LLC
South Shale Ridge 5-23
COC 12737
SWNW 23 8S 98W 6PM
0507708614

Regulatory Contacts:

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