

SOUTH MATTIX UNIT # 2 RECOMPLETION

RECOMMENDED PROCEDURE

1. MIRU pulling unit. Kill well with lease saltwater and ND wellhead and NU BOPE. POH with 2 7/8 inch tubing inspecting while POH. LD bad tubing joints.
2. RIH with wash pipe, jars, etc and attempt to mill over tubing fish from approximately 5379 feet to 5750 feet. POH with 2 3/8 inch tbg. Fish. And LD fishing tools.
3. RIH with collars and bit and drillout cement plug from 5750-5760 feet and continue in hole to approximately 6450 feet. Circulate well clean and POH.
4. PU 2 7/8 inch fiberglass tbg. tail and packer and RIH to approximately 5800 feet. Spot LWL cement with sufficient retarder for minimum of 3-hour pump time from 5800 to 5000 feet. Pull up to get fiberglass tubing tail well above top of cement. Set packer and squeeze Yeso perforations from 5172-5708 feet. Release packer and pull 10 stands. Reverse tubing clean. Shut-in well overnight and WOC.
5. POH and LD fiberglass tubing tail and packer. PU bit and RIH with collars and tubing and tag top of cement. Drill cement and clean well to a depth of 5800 feet. Pressure test squeeze perforations to 500 psig. Continue in hole to a depth of 6450 feet, circulate well clean and POH.
6. RIH with casing scraper to approximately 6400 feet. POH with casing scraper.
7. RU wireline unit and run GRN-CBL log from 6500-5500 feet. RIH with casing gun and perforate the Drinkard Formation from 6250-6275 feet with 4spf and 60 degree phasing.
8. PU 3 1/2 inch tubing and frac packer hydrotesting tubing while RIH. Set packer at approximately 6150 feet. Load backside and pressure test casing to 500 psig. RU swab equipment and swab test well.
9. RU frac equipment and fracture treat Drinkard Formation. Hold pressure on the casing during the frac. Actual frac design to be issued later. Well should be flowed back immediately following fracture treatment.
10. When well dies or cleans up, POH with 3 1/2 inch tubing laying down. RIH with 2 7/8 inch open ended tubing with saw tooth collar and seating nipple and make sure perforations are clean. Hang top of tubing at top of perforations. ND BOPE and NU wellhead.
11. Swab well back to production and RDMO pulling unit. Report results of well tests to Altura's Houston office.

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SHELBY, NM

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