

## **SOUTH MATTIX UNIT #15 RECOMPLETION**

### **RECOMMENDED PROCEDURE**

1. MIRU pulling unit. Kill well with 2 % KCL water. ND wellhead and NU BOPE. POH with 2 7/8 inch tbg
2. RU wireline company and run gauge ring and junk basket to 6950 feet. POH with gauge ring. RIH with 7 inch CIBP and set at approximately 6900 feet. Dump bail 35 feet of cement on top of BP.
3. RIH with casing gun and perforate for cement squeeze as follows: 6410-6412 (4spf)  
6256-6258 (4spf)
4. RIH with 2 7/8 inch tbg and packer and set at approximately 6350 ft. Set pkr and attempt to circulate between sets of perforations. If able to circulate between sets of perforations, unset packer and POH with tbg. and packer. RU wireline company and set cement retainer at approximately 6350 feet.
5. PU cement stinger and RIH with 2 7/8 inch tbg. Sting into retainer and establish circulation between perforation sets. Pull out of retainer, mix and pump 75 sacks low water loss neat cement with retarder. Sting into retainer and pump cement behind pipe. PU out of retainer and pull 10 stands. Reverse circulate tubing clean and close in wellbore overnight.
6. POH with tbg. and stinger. PU bit and RIH and tag cement. Drill cement and clean out wellbore to retainer at 6350 feet. Pull up to 6100 feet and pressure test squeeze perforations to 500 psig. POH with tbg. and bit.
7. RU wireline company and perforate the following intervals with a 4 inch casing gun:  
6258-6274 feet (2spf)  
6208-6240 feet (2spf)  
6124-6130 feet (2spf)
8. RIH with 2 7/8 inch tbg. and packer pressure testing tubing to 6000 psig while RIH. Set packer at 6025 feet +/- . RU swab equipment and swab test perforations. Acidize with 2000 gals of 15 % HCL and ball sealers only if necessary to establish communication with perforations. Discuss with Jim Kromer in Houston prior to acid work.
9. RU frac company and fracture treat well. Frac design to be issued later. Maintain 500 psig on backside during frac job. Flow and swab as necessary to recover frac load and clean up well.



1971