

- ⑧ SWAB DOWN TUBING
- USE LUBRICATOR
 - FLOW WELL OUT WING AND CHOKE VALVE
 - IF NO FLOW ACIDIZE STEP ⑨
- ⑨ ACIDIZE UPPER PENN WITH 5100g ACID AS FOLLOWS;
- INSTALL TREE SAVER.
 - PUMP 5100g ACID. DROP 4 BALL SEALERS (1.35P6R) PER 1000g ACID.
 - TOTAL 204 BALL SEALERS
 - PUMP ACID AT A MAXIMUM RATE OF 5BPM AT A PRESSURE NOT TO EXCEED 5000 PSIG. FLUSH ACID TO BOTTOM PERF.
 - MAINTAIN 1000 PSIG ON BACKSIDE OF TUBING.
 - ACID SHOULD CONTAIN:
 - 2g F-81 foamer / 1000g 15% HCL
 - 50g ACETIC ACID / 1000g 15% HCL
 - 2g F-75 surfactant / 1000g 15% HCL
 - 2g A-200 corrosion inhibitor / 1000g 15% HCL
 - 1000 SCF N₂ / BBL ACID 15% HCL
 - RA MATERIAL w/ 7 DAY 1/2 LIFE
 - FLUSH SHOULD CONTAIN:
 - 3% KCL WATER CONTAINING 2g NEA / 1000g HCL
 - FOAMED WITH 1000 SCF N₂ / BBL
- ⑩ SI WELL. RUN SI, 1, 2, 3 hr Temperature logs plus AFTER ACID GAMMA RAY.
- REPORT RESULTS TO JOHN THURSTON (ANDREWS DISTRICT) WITHIN 48 HRS.
- ⑪ AFTER RUNNING LOGS FLOW BACK WELL
- IF WELL IS SI FOR EXTENDED PERIOD N₂ WILL NOT AIDE CLEANUP.
- ⑫ FLOW / SWAB BACK LOAD.
- ⑬ SI WELL ^{overnight} AND MEASURE BHP WITH BOMB
- ⑭ FLOW WELL AND CLEAN UP FOR 1 DAY
- ⑮ RUN BOMBS WITH 72 HR BOMB WITH 96 HR BOMB IN TANDUM
- SI WELL FOR 72 HOURS AND GET BUILDUP DATA
 - RUN 4 POINT TEST.
 - REPORT RESULTS TO MIKE METZA
- ⑯ RDMO. LEAVE WELL SI


DISTRICT OPERATIONS SUPERINTENDENT