

YATES ENERGY CORPORATION

DAILY DRILLING/COMPLETION REPORT

WELL: McGRUDER HILL 12 FED UNIT #1

FIELD: UNDESIGNATED (MORROW)

LOCATION: 1680' FSL & 330' FWL, SEC 12, T-22-S, R-25-E

CO., STATE: EDDY COUNTY, NEW MEXICO

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- 2/10/95 24 HRS, FLOW 1.15 BC, 0 BW, 425 MCFPD, 450# FTP, 400# LP. MIRU HALLIBURTON. ACIDIZED MORROW "D" SAND 10,861'-913' AND LOWER MORROW 11,018'-50' w/ 2,000 GALS 7 1/2% NEFE HCl + 50% METHANOL FOAMED TO 50 QUALITY @ 4 BPM USING 62 BS'S. MAX 5150#, MIN 4200#, AVE 4550#, ISIP 4988#, 5 MIN 4874#, 30 MINS 4500#. OPENED ON ADJ CHOKE @ 12:20 PM, BLED TO 0# IN 1 HR. GOOD BLOW ON TBG, REC N2, STATED BURNING METHANOL VAPORS IN 2 HRS. 5:00 PM, TRACES OF GAS. 7:00 PM, TRACES OF LIQUID. STARTED UNLOADING ACID @ 11:00 PM, CONTINUE TO CLEAN UP.
- 2/24/95 24 HRS, FLOW 2.3 BC, 2.3 BW, 413 MCFPD, 700# FTP, 660# LP. SHUT WELL IN TO STABILIZE PRIOR TO PLANNED ACID JOB FOR MONDAY 2/27. WILL ISOLATE AND ACIDIZE LOWER MORROW PERFS NEXT WEEK.
- 2/27/95 92 HR SITP 2100 PSI. MOVING IN COBRA WELL SERVICE THIS AM.
- 2/28/95 SITP 2100 PSI. SICP 360 PSI. RELEASE CP. MIRU COBRA WELL SERVICE. RIG DOWN FOR REPAIRS. RU JERRAL SERVICES. RAN & SET PLUG IN 2.31" F PROFILE NIPPLE @ 10,541'. BLED OFF TBG PRESSURE. LOAD TBG W/ 58 BBLS 2% KCl WATER W/ 1 GPT CLA-STA XP AND 1 GPT LOSURF-300. ND TREE, NU BOP. RIG REPAIRED BY LATE AFTERNOON. SDFN.
- 3/1/95 SITP 0#, SICP 0#. RELEASED ON-OFF TOOL & SPOT 20 BBLS TREATED KCl WATER DOWN TBG & OUT CSG. RE-ENGAGE ON-OFF TOOL & TIH W/ WL TO PULL EQUALIZING PRONG. TBG ON VAC WHEN PRONG PULLED. PULLED PLUG & RELEASED LOK-SET. RAN 13 JTS TBG AND LOWERED PKR TO 10,975 AND RE-SET. LOADED CSG W/ 15 BBLS TREATED WATER & TEST TO 200# OK. ND BOP, NU TREE. RU SWAB. IFL @ 2100'. MADE 7 SWAB RUNS IN 5 1/2 HRS. GTS ON 3rd RUN. FFL @ 10760'. REC 49.5 BLW. NO FLUID ON LAST 2 RUNS. ESTIMATE GAS RATE AT 250 MCFPD, OPEN CHOKE. SHUT WELL IN @ 6 PM.
- 3/2/95 13 HR SITP 1800 PSI. BLEW WELL DOWN IN 40 MINS. MADE 1 SWAB RUN, FL @ 6000' & SCATTERED, PULL FROM PKR, REC 2.5 BBLS COND & H2O. RU HOWCO. ACIDIZED L. MORROW PERFS 11,018'-50' W/ 3,000 GALS 7 1/2% FERCHECK-SC & 50% CO2 + 50 BALL SEALERS @ 4.3 BPM. MAX 4800#, MIN 3442#, AVE 3600#. BALL ACTION 3900# TO 4800# AND BREAKING BACK TO 4100#. FLUSH W/ CO2. ISIP 3219#, 1 MIN - 2200#, 5 MIN - 1059#, 10 MIN - 369#, 15 MIN - 308#. 72 BLWTR. OPENED WELL @ 9:30 AM ON 22/64" CHOKE INCREASING TO FULL OPEN IN 40 MINS. RECOVERING CO2 GAS. RAN SWAB, IFL @ 10300', PULL FROM PKR. MADE 5 RUNS IN 5 1/2 HRS, REC 6 BBLS FLUID ON 1st 3 RUNS. LAST 2 RUNS SHOW OF H2O & COND. GOOD BLOW OF CO2 W/ PUFFS OF GAS AFTER 3 RD RUN. AT 5:00 PM, FLOWING EST 60% GAS, 40% CO2 W/ TRICKLE OF WATER. @ 8:00 PM FLOWING 100% GAS SPRAY OF LIQUID, SOME COND. FLOWED OVERNIGHT W/ NO CHANGE. THIS AM FLOWING EST 500 MCFPD, OPEN CHOKE, 49 PSI FTP.
- 3/3/95 49 PSI ON OPEN CHOKE, FLOWING GAS W/ TRACES OF CONDENSATE. MADE ONE SWAB RUN TO PACKER, RECOVERED TRACE OF OIL & WATER. SWITCH WELL TO SALES LINE @ 10:45 AM. SPOT RATE @ 11:45, 578 MCFPD, @ 12:15, 709 MCFPD. RDMOPU.
- 3/4/95 24 HRS, FLOW 0 BC, 2.3 BW, 675 MCFPD, 400# FTP, 360# LP. SPOT CHECK @ 10:30 AM, 578 MCFPD. WELL HAS SLOWLY DECREASED IN RATE FROM YESTERDAY AM.