

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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- 6/18/95 OPEN TO TANK OVERNIGHT, NO FLUID RECOVERY, SLIGHT GAS BLOW. TURNED TO SALES LINE, TOOK 1 HR TO BUILD TO 150# LP. MADE 1 SPIKE ON CHART AND WOULD NOT FLOW. SHUT IN TBG.
- 6/20/95 SITP 1400#, CP SLIGHT VAC. TIH W/OTIS SHIFTING TOOL ON SLICK LINE, MECH REL TCG @ 10,720', TOP/MECH REL NOW @ 10,771'. ACIDIZED MORROW 10,758-80' W/3600 GAL 7.5% HCL FERCHER ACID; W/20,000 SCF N2 PAD, 1000 SCF/BBL ACID & FLUSHED W/NITROGEN, USED 144 BS. 241# INCREASE FROM BALL SEALER ACTION. MIN. TP 3760#, MAX 4898#, . AVG. 4000#. MAX RATE 3.0 BPM ACID, TOTAL 6.1 BPM, AVG 2.9 BPM ACID, TOTAL 6.0 BPM. ISIP=4820#, 5 MIN. SITP=4718#, 10 MIN. SITP=4613#, 15 MIN. SITP=4535#. LOAD TO RECOVER: 85 BBLS ACID THIS JOB + 23 BBLS. PRIOR ACID JOBS, TOTAL 108 BBLS. OPENED WELL TO FLOW LINE: FLOWED N2 BACK, NO FLUID RECOVERED. SWABBED 4 HRS (4 SWAB RUNS), REC. 12 BLW, GAS W/TRACE OF NITROGEN, 50+/- MCF BETWEEN RUNS. IFL SCATTERED FROM 7000' FS, FINAL FLUID LEVEL @ SN, 10,688'. NOTE: SWAB RUNS FROM SN AFTER 1ST RUN. TOTAL LOAD 108 BBLS, LOAD TO REC. AS OF NOW 96 BBLS. SION.
- 6/21/95 16 HR. SITP 1200# PSIG. CP 0#. OPENED ON 24/64" CK., BLED TO 650# IN 5 MIN., (MOSTLY N2) GAS TO SURFACE IN 5 MIN., FTP 350 PSIG IN 10 MIN. OPENED TO 1" CK., NO FLUID TO SURFACE, 50-75 MCF/DAY RATE IN 20 MIN. SWABBED 8 HRS., REC. 12 BBLS. WTR.; GAS +/- 50 MCF BETWEEN RUNS. INITIAL FLUID LEVEL SCATTERED FROM 8500' DOWN. FINAL FLUID LEVEL SCATTERED TO SEATING NIPPLE AT 10,688'. FIRST SWAB RUN RECOVERED 2.5 BBLS. WTR. LAST OF 7 RUNS RECOVERED 1.5 BBLS., MAKING 1 RUN EVERY 1.5 HRS. 83 BBLS. LOAD WTR. TO RECOVER.
- 6/22/95 16 HR. SITP 1150 PSIG. OPENED ON 24/64" CK., BLED TO 700# IN 5 MIN., ALL GAS; FTP 350 PSIG IN 10 MIN. OPENED TO 1" CK., NO FLUID TO SURFACE, 50-75 MCF/DAY RATE IN 20 MIN. FLARED TO PIT FOR 3.5 HRS. ON 1" CK., NO FLUID TO SURFACE, FTP=0+PSIG. FLOWING 50+ MCF/D RATE. 83 BLWTR. SION.
THIS AM 20 HR. SITP 1350 PSIG. OPENED ON 24/64" CK., BLED TO 700# IN 5 MIN., ALL GAS. OPENED TO 1" CK., NO FLUID TO SURFACE, 50-75 MCF/DAY RATE IN 18 MIN. RU TO SWAB, NO FLUID RECOVERY. PREP TO CONTINUE COMPLETION.
- 6/23/95 20 HR. SITP 1350 PSIG. OPENED ON 24/64" CK-BLED TO 700 IN 5 MIN. OPENED ON 1" CK. AND NO FLUID TO SURFACE. MADE 1 RUN W/NO FLUID TO SURFACE. LOADED TBG. W/62 BBLS. 2% KCL WTR. NU BOP'S. RELEASED PACKER AND PULLED OUT OF HOLE. WENT IN HOLE W/BAKER MODEL "B", SET @ 10,735'. LOADED HOLE W/76 BBLS. 2%. TESTED TO 2000#. SPOTTED 250 GAS. 10% ACETIC FROM 10,715 TO 10,457'. PULLED OUT OF HOLE W/RET. HEAD. LOADED HOLE, SIFN. THIS AM, HAVE NOW PERFERED 10,702-708', POH W/GUN, WILL RUN PKR. IN HOLE & TRY TO BREAK DOWN.
- 6/24/95 RU JARREL SERVICES AND RAN GR TOOL & 4" CSG GUN, CORRELATE TO OH LOGS, PERF MORROW A SAND 10,702'-08' W/ 4 JSPF. TIH W/ LOK-SET PKR, EL RECEPTACLE & 321 JTS TBG, REVERSED EXCESS ACID INTO TBG. SET PKR @ 10,597'. ND BOP, NU TREE.
HOWCO BD PERFS @ 2997#, PUT ACID AWAY @ 1.4 BPM, 3009#, ISIP 2512#, 5 MIN 1606#, 10 MIN 1356#, 15 MIN 1177#. TLTR 69 BLW. SWAB 3.5 HRS, REC 53 BLW, IFL-SURF, FFL-8500'. LIGHT GAS BLOW W/ RUNS. 16 BLWTR. SDFN.