

COCHITI "5" FEDERAL COM #1

RECOMPLETION ATTEMPT IN UNDESIGNATED BONE SPRING/WOLFCAMP

04/26/99 RU PRO WIRELINE. RIH W/2.31" BLANKING PLUG SET IN "F" NIPPLE @ 11,215'. POH W/SLICKLINE & SETTING TOOL. LOADED TBG W/65 BBLS 10# BRINE, PRESSURED UP TO 2000 PSI. BLANKING PLUG HOLDING. NO TREE, NU SPOOL & BOP. PU ON TBG & STUNG OUT OF PKR. LOADED HOLE W/200 BBLS 10# BRINE. PRESSURED UP TO 1000 PSI ON CSG TO TEST LINER TOP, HELD 15 MIN. RELEASED PRESSURE, SWI.

04/27/99 RU ON TBG. SPOTTED 10 SXS CEMENT ON TOP OF PKR W/PLUG @ 11,200'. PH UP TO 10,222'. SPOTTED 55 SXS CEMENT ACROSS LINER TOP @ 10,158'. POH UP TO 10,033' W/321 JTS TBG IN HOLE. REVERSED OUT 3 SXS CEMENT. NEW PBD, (TBG TALLEY) @ 10,033'. POH UP TO 9903'. PRESSURE UP TO 1000 PSI AND LEFT ON HOLE.

04/28/99 RELEASED PRESSURE ON TBG & CSG. RIH W/TBG & TAG CEMENT @ 10033' PBD. POH TO 9903'. RU FRAC MASTERS & TIED ONTO TBG. PRESSURED UP ON HOLE TO 2000 PSI. TESTED CEMENT PLUG, HELD OK. SPOTTED 300 GALS 7-1/2% MUD LEAN OUT ACID TRIPLE INHIBITED FROM 9903 UP. POH W/TBG. STANDING BACK 316 JTS 2-7/8" CS HYDRIL 6.5# TBG IN DERRICK AND 5 JTS ON GROUND. RU APOLLO WL. RAN GR/CBL/CCL LOG FROM PBD WLD 10,032' TO TOC ABOVE DV TOOL W/2000# ON CSG. TOC @ 2456'. POH W/LOGGING TOOL. CORRELATED LOG TO SWSCO OPEN HOLE LOG RUN 01/09/95. TALLIED IN HOLE W/4" CARRIER GUNS W/PREMIUM CHARGE & SHOT 1 JSPF @ 9800-9819, 9826 - 9833, 9838 - 9844, 9881 - 9884', 9889 - 9903', 54 HOLES. RD APOLLO WL. RU ON CSG. PRESSURED UP TO 2600 PSI & FORMATION BROKE, BACK TO 2400 PSI.

04/29/99 RU HYDROSTATIC TBG TESTERS. RIH, TESTED ABOVE SLIPS TO 8000 PSI. SET PKR @ 9738. RU FRAC MASTER, PRESSURED BACKSIDE TO 1000 PSI & HELD. RELEASED PRESSURE IN PKR. SPOTTED 2000 GALS 7-1/2% MUD CLEAN OUT ACID CARRYING 100 BALL SEALERS 5 BBLS FROM BTM OF TBG. SET PKR. ACID ON FORMATION AT RATE OF 5.4 BPM @ 3800 PSI.

05/01-03/99 SWABBED WELL, PRESSURED UP TO 2000 PSI ON BACKSIDE & HELD. CSG HAD 1250 PSI, BLED DOWN TBG, SWABBED. HAD 2 FRAC TANKS SET & FILLED W/960 BBLS WTR.

05/04/99 RU FRAC MASTERS TO FRAC PERFS 9800 - 9903' DOWN 2-7/8" TBG W/34,500 GALS AQUAGEL CARRYING 49,000# 20/40 PRECURED RESIN COATED SAND @ RATE +/- 20 BPM. AVG RATE OF +/- 16 BPM. MAX PRESSURE 7580 PSI @ 19.3 BPM ON PAD. AVG PRESSURE 5400 PSI @ 16 BPM. LEFT WELL SI TO ALLOW GEL TO BREAK.

05/05/99 HAD STEEL LINE BUILT TO FRAC TANKS TO FLOW WELL BACK. OPEN WELL UP ON 12/64" CHOKE. FLOWED BACK 60 BBLS IN 4 HRS W/GEL BROKE & NO SAND IN FLUID. PRESSURE 2500 PSI. LEFT WELL ON 13/64" CHOKE TO FRAC TANK OVERNIGHT.

05/06/99 16 HRS. FLOWED 320 BW W/PRESSURE DOWN TO 120 PSI. CONTINUED FLOWING WELL ON 13/64" CHOKE.

05/07-08/99 WELL FLOWED BACK ON 13/64" CHOKE. FTP 50 PSI. OPENED WELL UP ON FULL CHOKE. CONTINUE SWABBING.

05/10/99 38 HR SITP 1000 PSI. OPENED WELL UP, FLOWED 8 BO IN 30 MIN. SWABBED 7 HRS. HAD GOOD GAS BLOW AFTER EACH RUN W/SLIGHT GAS BLOW CONSTANTLY., HAD TWO 2-HR ENTRY CHECKS W/5 BBLS ENTRY EACH HR. TOOK WATER SAMPLE N LAST RUN. SWI.

05/11-14/99 SWABBED AND ASSEMBLED WELLHEAD FOR PUMPING WELL.

05/15/- 06/03/99 WELL CANNOT BE COMPLETED AND ECONOMICALLY PRODUCED FROM UNDESIG; 3RD BONE SPRING/WOLFCAMP. ATTEMPT UNSUCCESSFUL.