



Amoco Production Company

ENGINEERING CHART

SHEET NO. OF

FILE

APPN

DATE 02-11-81

BY UID

SUBJECT FEDERAL "BN" WELL NO. 1

HAPPY VALLEY MORROW

UNIT 14, 1980' FSL & 1980' FEL, SEC. 17, T-22-S, R-26-E
EDDY COUNTY: NEW MEXICO

COMPLETED: 1-13-81

ELEV: 3628.6' GL
RDB: 3642.2'

13 3/8" CSA 712'
48" H-40 ST&C
CMT W/2900 SXS. CIRC.
17 1/2" HOLE

9 5/8" CSA 2917'
36" K-55 ST&C
CMT W/2200 SXS.
TCMT: 1315' (TEMP SURV.)
12 1/4" HOLE

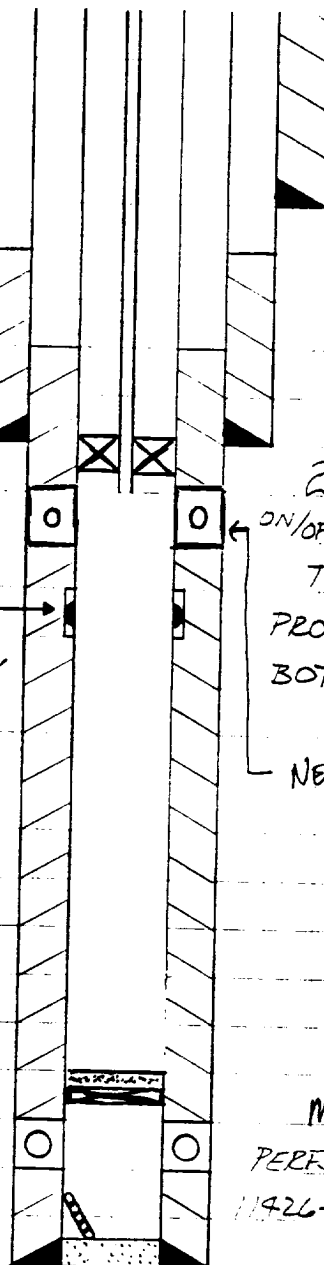
DV TOOL @ 8007'

2 3/8" T3G. LANDED IN PKR @ 10985'
ON/OFF TOOL ABOVE PKR.
TAILPIPE SA 11,087' W/1.81" F-T
PROFILE NIPPLE ONE JOINT OFF
BOTTOM

NEW: BONE SPRING PERFS
5919-27; 5938-58; 5972-62
6008-6034

5 1/2" CSA 11,749'

CMT W/2315 SXS.
TCMT: 2400'
7 3/4" HOLE



TD: 11,752'

PBD: 11,705'

MORROW
PERFS: 11,92-98', 11,232-48', 11,354-78',
11,426-32', 11,450-82', 11,626-30', 11,662-62'
W/4 DPISPE