

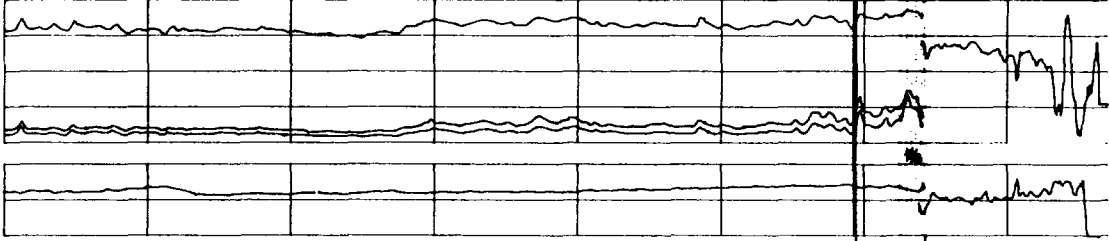
GENERAL WELL PLAN

- DRILL 14 3/4" HOLE TO 350'
- SET 10 3/4" CASING
- DRILL 8 7/8" HOLE TO KOP @ 3651'
- DETERMINE AZIMUTH (PLANNED = 153°)
- BUILD ANGLE @ 12°/100" TO 80" (MUD @ 4318')
- SET 7 5/8" CASING AT 4318'
- RUN STEERABLE MOTOR ASSEMBLY - DRILL TO 90°
- DRILL LATERAL IN WATERFLOW PAY APPROX. 4000'
- USE AIR/MIST SYSTEM, 4 3/4" AKO, GR/MWD, PDC BITS
- RUN 4 1/2" P & P LINER

KICKOFF POINT @ 3651'

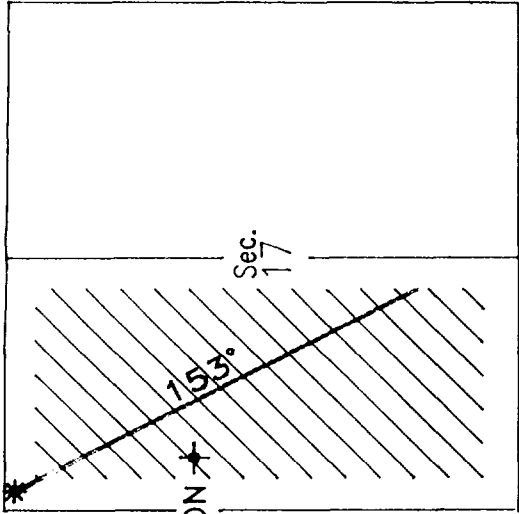
TYPE LOG

HARRINGTON #1
NW SEC. 17, T30N-R15W
San Juan Co., N.M.

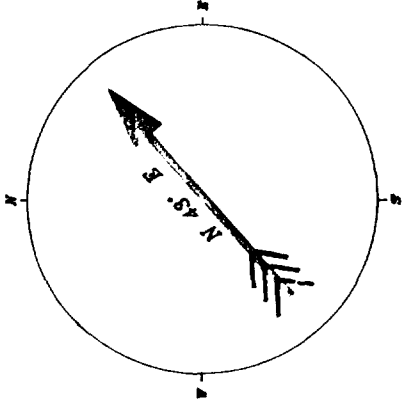


WATERFLOW ZONE

BLACK DIAMOND 17 #1



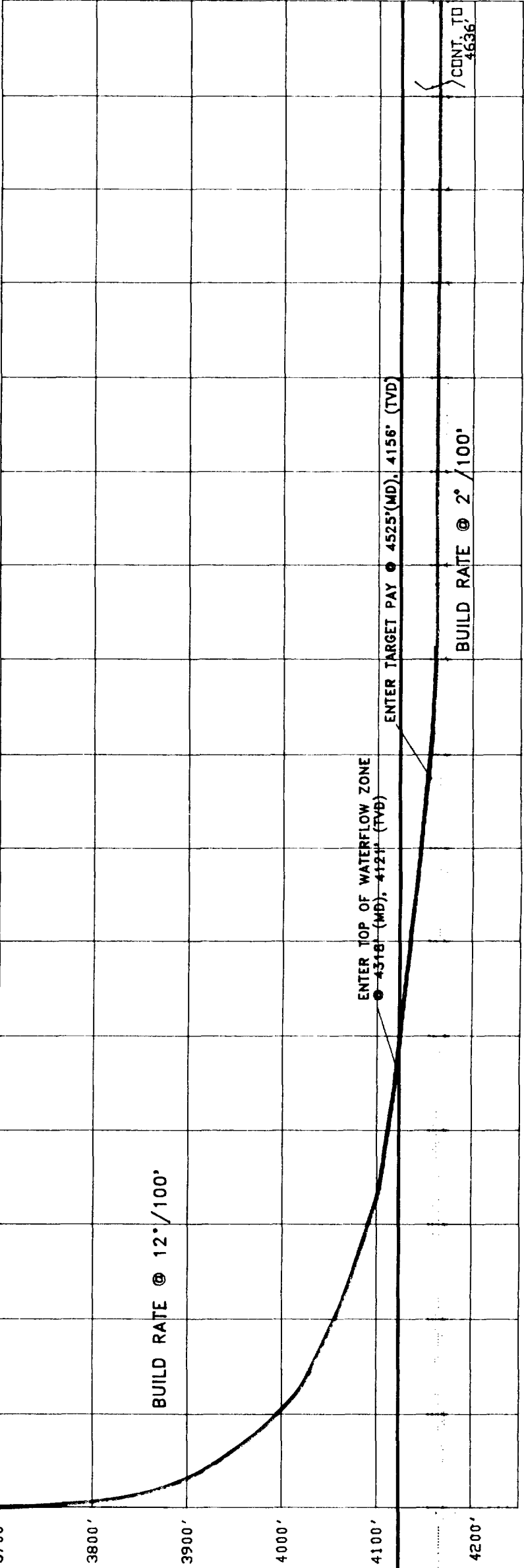
HARRINGTON #1



FRUITLAND COAL
FACE CLEAT STRIKE DIRECTION

• MOST LIKELY AZIMUTH DIRECTION

T.V.D.
3700'
3800'
3900'
4000'
4100'
4200'



1600

1500

1400

1300

1200

1100

1000

900

800

700

600

500

400

300

200

100

0

HORIZONTAL SECTION