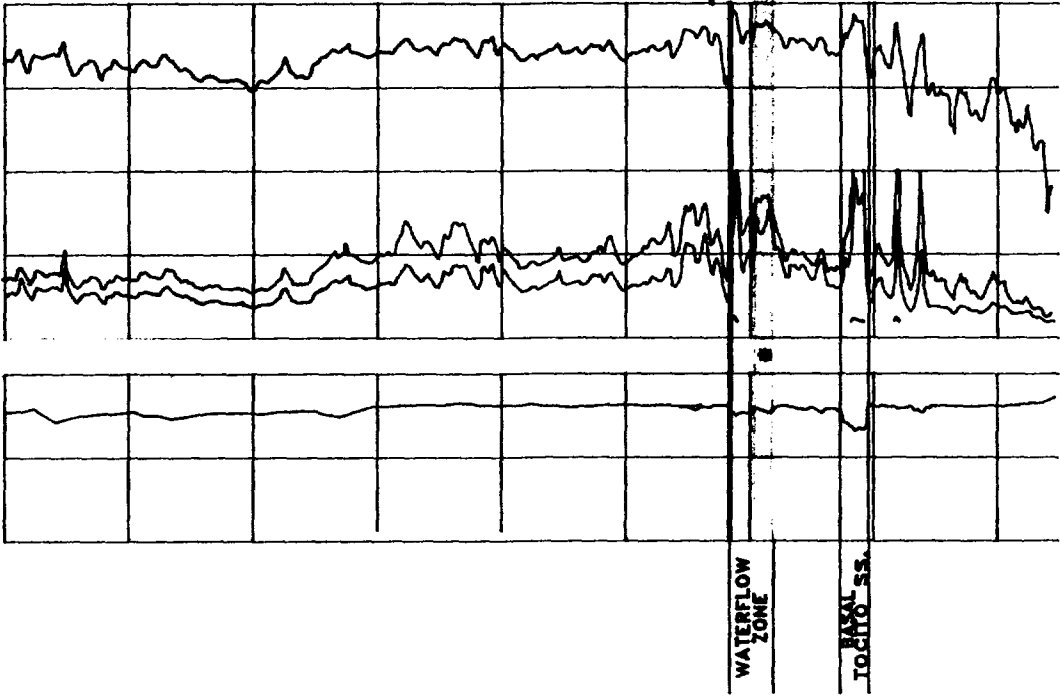


TYPE LOG

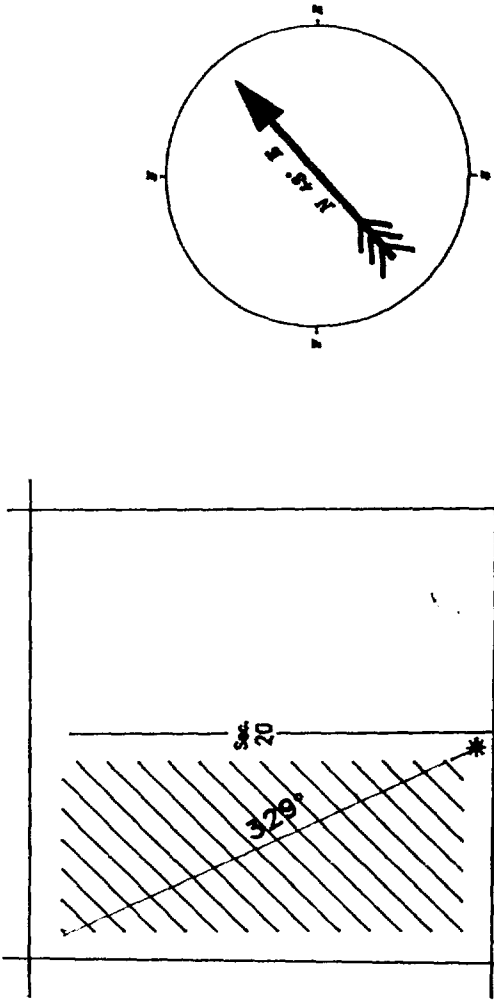
NEW MEXICO FED. L-1
NW 29, T30N-R15W
San Juan Co., N.M.



GENERAL WELL PLAN

- DRILL 14 3/4" HOLE TO 360'
- SET TO 10 3/4" CANNON
- DRILL 9 7/8" HOLE TO 4250'
- ANALYZE BASAL TOCHITO
- DETERMINE AZIMUTH, BEDDING DIRECTION (PLANNED - 325)
- PUMP BACK TO TOP @ 3580'
- BUILD ANGLE @ 12°/100' TO 80' (MUD @ 4250')
- SET 7 9/16" CANNON AT 4257'
- RUN STEADY STATE MOTOR ASSEMBLY - DRILL TO 90'
- DRILL LATERAL IN WATERFLOW ZONE - 2500'
- USE AIR/MIST SYSTEM, 4 3/8" A.D., 68/1000.
- RUN 4 1/2" P & P LINES

KICKOFF POINT @ 3580'



FACE GREAT STRIKE DIRECTION

* NM FED. L-1

* MOST LIKELY AZIMUTH DIRECTION

MERIDIAN OIL
BLACK DIAMOND COM 20 #1
HORIZONTAL GALLUP
SE/SW Sec. 20, T30N-R15W
San Juan Co., N.M.
J. M. HERNANDEZ
E. R. BAUER
DME: C. GRIFFIN
6/11/92

