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WATER WELL ENGINEERS TO MARLBOROUGH WELLD RILLING LOG

WELL OWNER Wickham Developments Ltd

ADDRESS P.O.Box 3193
Auckland

Well Production 2

DRILLING DATE July 97

MACHINE No 3 Cable tool

LOCALITY Upper Renwick

GRID REFERENCE P28: 2575317 - 5967119

N.Z.G.S.WELL No P28w/3/60

PERMIT No

REDUCED LEVEL OF WELLSITE (m above mean sea level)

MATERIALS ENCOUNTERED

0-.5 top soils & big gravals
.5-8.5 clean poorly sorted gravals
8.5-12.1 yellow clays & gravals
12.1- 12.9 yellow clays & sand
12.9-18.4 water bearing gravals , yellow clays

STATIC WATER LEVEL 4.94

CASING DIAMETER 200mm LENGTH 14.85

SCREEN TYPE 200 mm SS wedge wire SET AT 14.85-17.85 (3 m.)

SLOT SIZE 2.5 mm DRAW DOWN 1.88

AFTER 2 HOURS PUMPING AT 20.4 LITRES / SEC

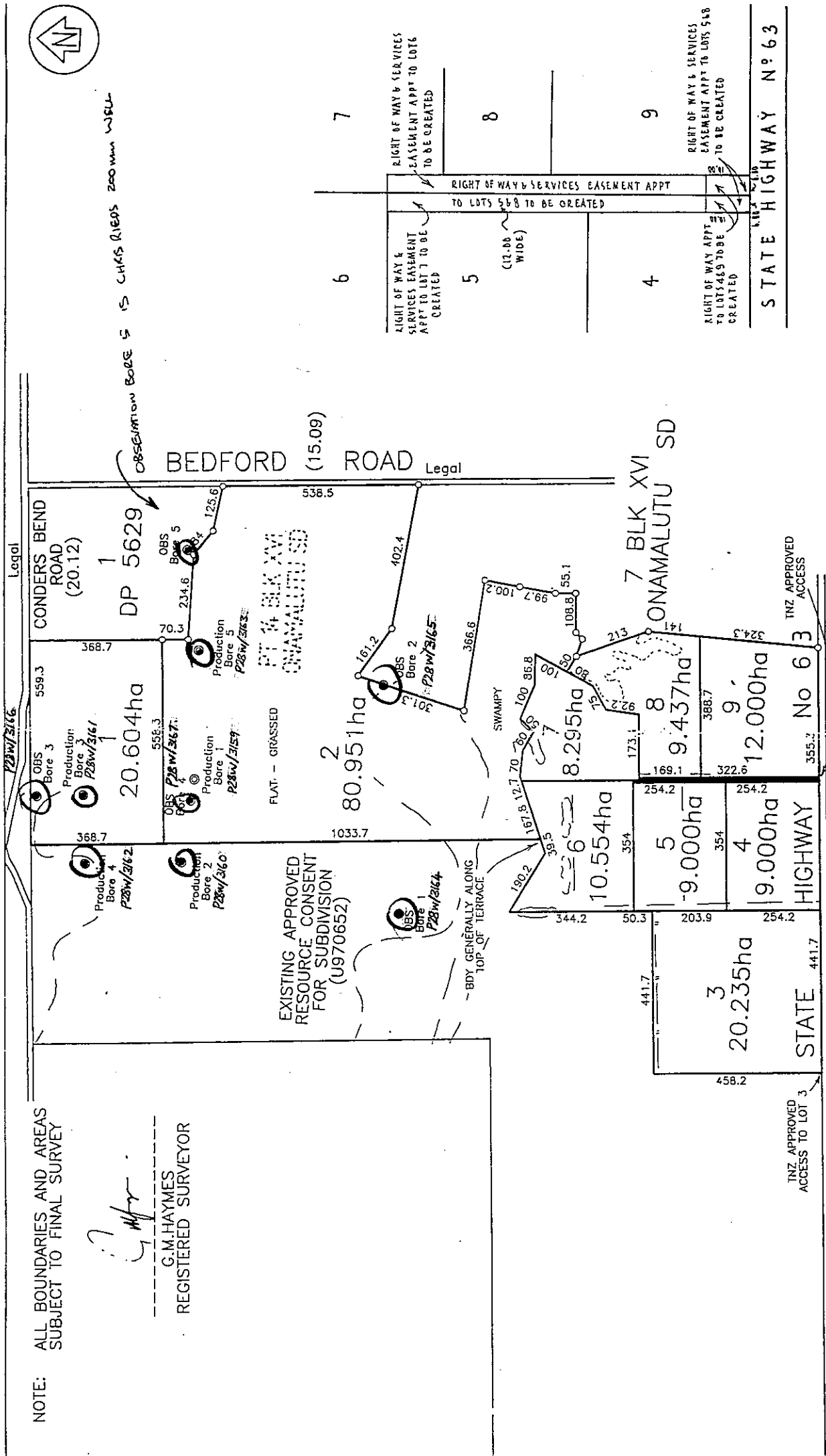
REMARKS

Production 2 see draw down test

$$Q/s = \frac{73.44 \text{ m}^3/\text{hour}}{1.88 \text{ metres}} \\ = 39.1 \text{ m}^3/\text{hour}/\text{metre drawdown.}$$

NOTE: ALL BOUNDARIES AND AREAS
SUBJECT TO FINAL SURVEY

G.M. Haymes
G.M. HAYMES
REGISTERED SURVEYOR



MARLBOROUGH LAND DISTRICT
MARLBOROUGH DISTRICT CL
BLK XVI ONAMALUTU SD

PROPOSED SUBDN OF PT SEC 14 BLK XVI ONAMALUTU SD

SCALE 1:10000

PREPARED BY GILBERT HAYMES & ASSOCIATES, REGISTERED SURVEYORS
P.O. BOX 380 - 14 QUEEN STREET - BLENHEIM
PHONE (03) 5787984 - FAX (03) 5787709

DATE 4 SEP 1997

JOB REF. 3833