

BILLINGS & ASSOCIATES, INC.

Rt. 3, Box 739
Kimberling City, MO 65686
(417) 739-4492

Well : 517

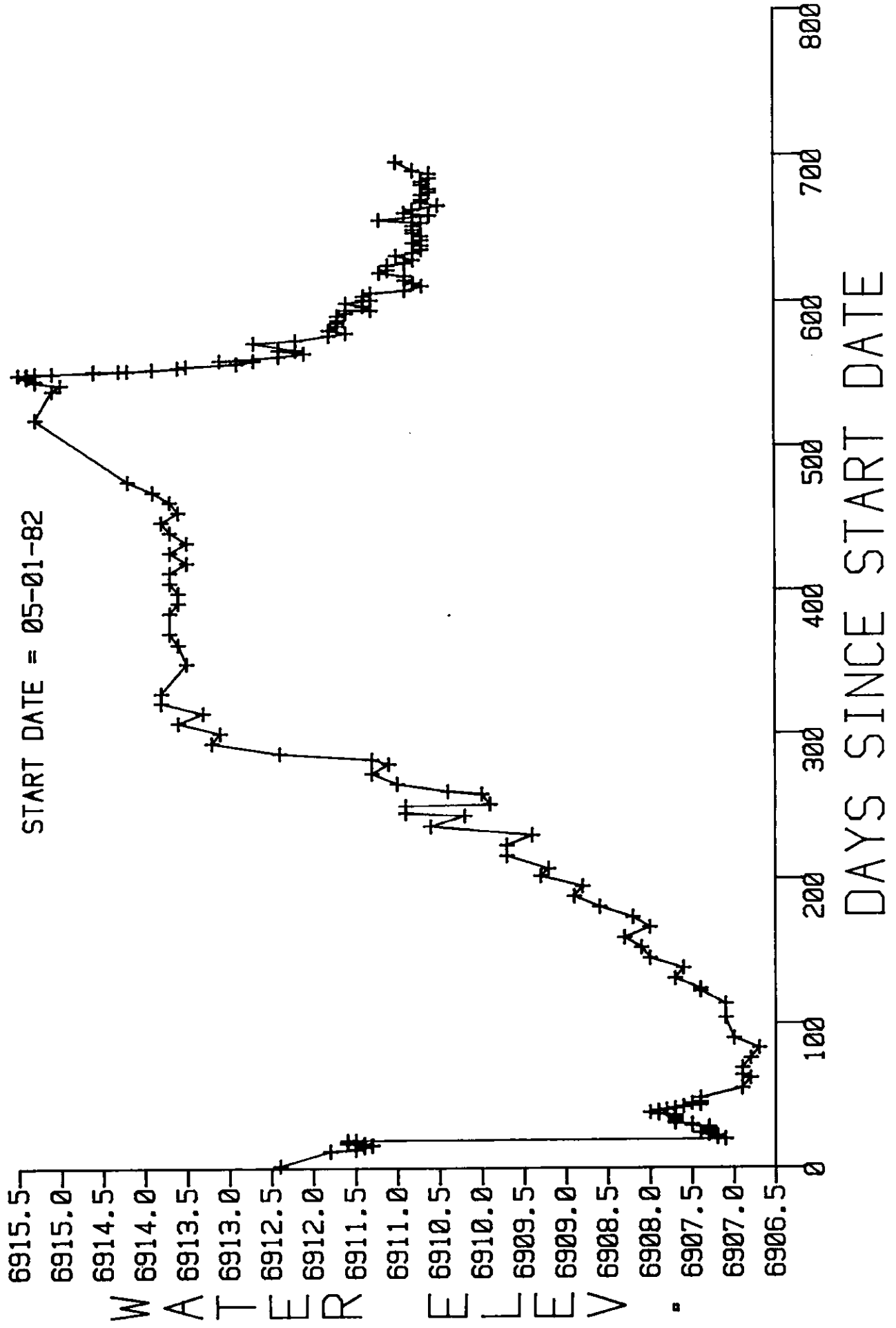
Date : 07-31-84

Subject : Interpretive Comments

Well 517 is a Zone 3 well just east of the Seepage Collection System : Northeast, Phase 1. The water level reflects the nearby pumping of well 600 followed by recovery after pumping of well 600 was terminated. The well has responded to pumping the collection system. The well was contaminated as of 9-82 but has been sampled insufficiently since that time.

WELL 517

START DATE = 05-01-82



BILLINGS AND ASSOCIATES

ALBUQUERQUE, NEW MEXICO

DRING No. 517

DEPTH DRILLED 115

SCREENED FORMATION(S) Zone 3

CLIENT UNC

LOCATION Churchrock

PROJECT No. 813

SURVEY DATA (coord.) _____

TOP OF PIPE ELEV. 6971.99 GROUND ELEV. 6968.48

DRILLING

DRILLER Alldredge RIG TYPE GD-1500

START 4-14-82 END 4-14-82

BIT SCHEDULE 5 1/8" ReTip to TD

DRILLING FLUIDS Revert & Water

WATER ENCOUNTERED AT N/A

CONSTRUCTION

CASING SCHEDULE 111-79' = Slotted 2" PVC

Screen, 79-(+)3' = Blank 2" PVC

BACKFILL SCHEDULE Bentonite +115-111', Sand

Pack= 111-77', Bentonite = 77-59', Bentonite/

Cement Slurry = 59-0'

GEOPHYSICAL LOGS Gamma, SP, Resistance, N-N.

COMMENTS Original T.O.P. was 6967.66 but side

wall was filled in, extension to pipe was added

on and final elevation as of 5-22-82 was 6971.99.

The original ground elevation was 6966.

STATIC W.L. 58.63ft-taken

4-23-82 (See comments)

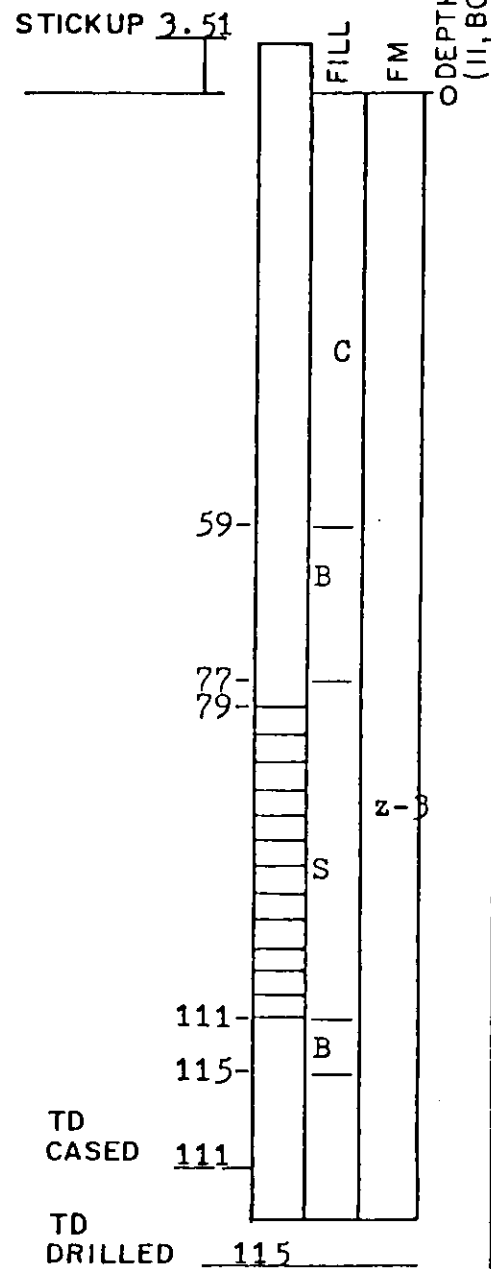
DEVELOPMENT Circulated

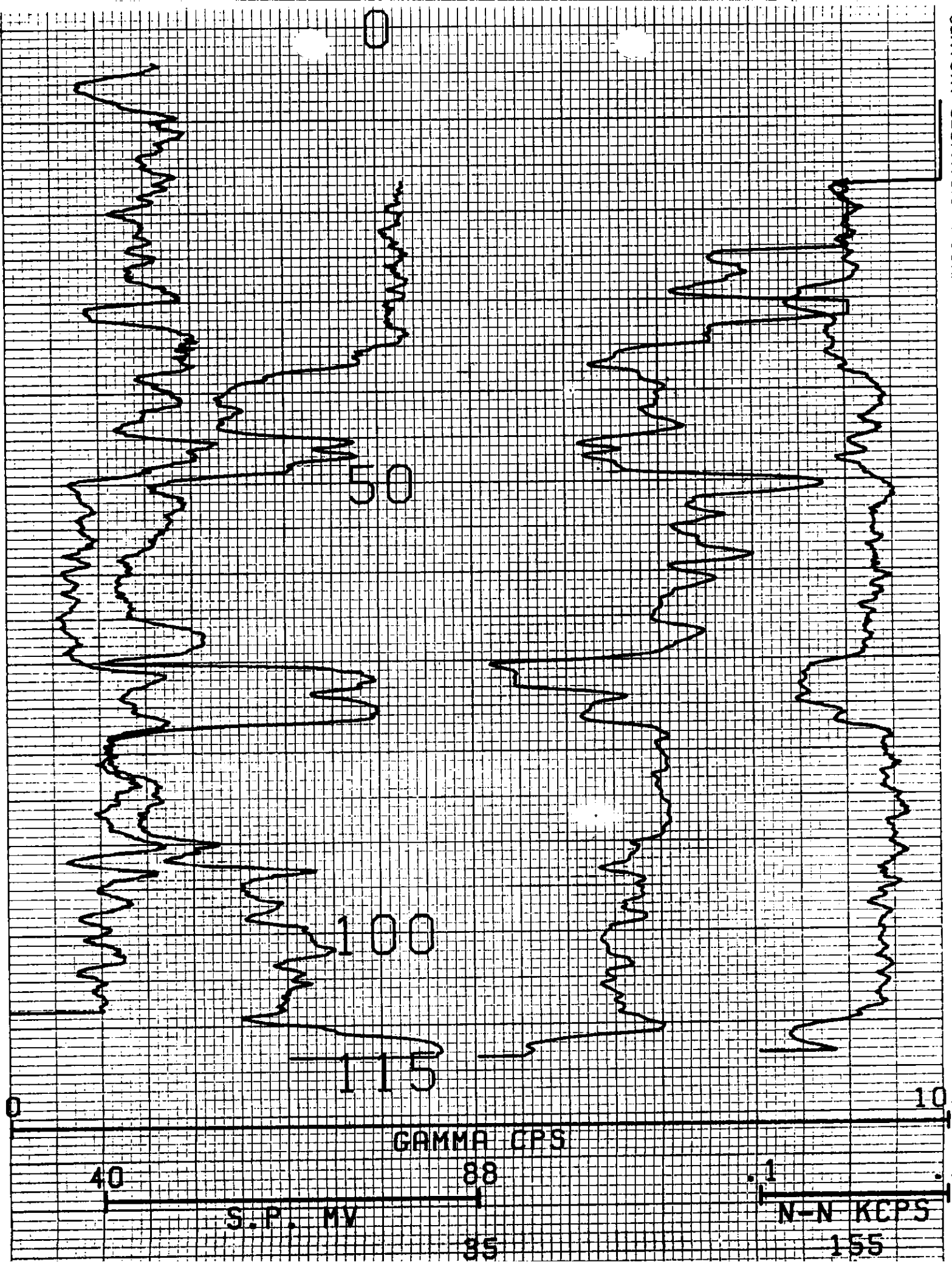
for 1/2 hour, Well was

then blown and bailed

several times

NOT TO SCALE





115

GAMMA CPS

40

88

S.P. MV

N-N KCPS

35

155

RESISTANCE OHMS

COMPU-LOG V8L2 PLOT 04-13-82

517

UNC CHURCHROCK
CHURCHROCK MILL

HOLE DIAMETER : 05.0

PROBE # 9055A - 043

SENSOR #4 CAL STD CPS = 152

SENSOR #4 CAL RUN CPS = 205

SENSOR #4 CAL BIAS = 0

DATA V7L2*H

TRUCK # 7668

GRIMES

APPL.#5 L

411