

102½ N. SANTA FE
PHONE 2717
7-1532

HYDRAULIC DRILLING CO.

SALINA, KANSAS
BOX 477

WATER WELLS
TEST HOLES

LOG OF WELL

NAME Harbar Drilling Co HOLE NO. 1 DATE DRILLED 11-22-49
LOCATION SE NW Sec. 2 T 23^S, R 2W, Harvey Co.

TYPE OF WELL Industrial TOPOGRAPHY Upland Flat
DEPTH 90 FEET. DIAM. OF HOLE 8 INCHES. DEPTH TO WATER 27 FEET Below LS.
CASINGS: DIAM. 6 INCHES. SET AT 90 FEET. FINISH 15' perforated, gravel-packed
YIELD Bailed 15 gpm with WL at 32'
REMARKS Final yield on pump 7 gpm. Water very salty. Est. 3000gpm on
11-26-49

DESCRIPTION OF MATERIAL	THICKNESS (FEET)	DEPTH (FEET)	DRILLING CHARACTER & REMARKS
Silt, tan		7	Slow, smooth
Gravel, fine and sand.	2	9	Fast chatter
Silt and clay, light green, contains much caliche, nodular.	7	16	Slow, chatter. Very hard zone at 16.
Sand fine to coarse, little gravel, fine.	14	30	Fast, chatter
Sand fine to coarse, little gravel, fine. Silty 36-38.	10	40	Fast, chatter
Sand fine to coarse, little gravel, fine. Silty 36-39.	10	50	Hard zone 40-41.5
Sand, fine to coarse, little gravel, fine and silt, buff.	10	60	Fast, chatter few thin slower zones.
Sand, fine to coarse, little gravel, fine and silt, buff.	10	70	Fast, chatter few thin slower zones. Hard zone 61.5-62.
Sand, fine to coarse, little gravel, fine and silt, buff.	13	83	Fast, chatter few thin slower zones. Hard zone 61.5-62.
Clay, green and blue-gray.	7	90	Slow, smooth
14 ft unsat silt & clay			