

SALINA, KANSAS
BOX 477

LOG OF WELL

NAME Ritz Station HOLE NO. 1 DATE DRILLED 6/15/51

LOCATION SW SW Sec. 7 T 20S. R 1W. McPherson Co.

About 120' west of water storage tank

TYPE OF WELL Industrial TOPOGRAPHY Upland flat

DEPTH FEET. DIAM. OF HOLE INCHES. DEPTH TO WATER 22.5 FEET

CASINGS DIAM. 8 INCHES. SET AT 51 FEET. FINISH

YIELD

REMARKS 10" hole to 51' grouted to 48'

DESCRIPTION OF MATERIAL	THICKNESS (FEET)	DEPTH (FEET)	DRILLING CHARACTER & REMARKS
Silt, dark gray and brown.	2.5	2.5	
Gravel, fine to medium, sand, and silt, brown.	2.5	5	
Clay and silt, light greenish-gray and tan; contains much caliche nodular 5 to 13, 23 to 33 and occasional sandy zones with fine to medium gravel in silt.	28.5	33.5	(Caliche nodules large white) Clay decreased 10 to 23 and increased 23 to 28 with darker buff caliche nodules.
Gravel, fine to medium and sand.	1	34.5	Drilled fast
Silt and clay, buff and light gray-green; contains some nodular caliche.	4	38.5	Caliche dark buff.
Gravel, fine to coarse and sand.	4.3	42.8	Fast. (Fine gravel is effective grain size.
Permian; Wellington Shale:			
Shale, light gray-green; contains thin yellow-zones.	5.2	58	
Shale, red-brown and gray-green.	6	64	
Shale, greenish-gray and blue-gray.	14	78	
Shale, soft red-brown.	2	80	
Shale, gray-green, red-brown to purple.	10	90	Hard white siltstone at 80 to 81
Shale, hard, blue-gray.	20	110	Hard siltstone 106 to 107.5