9-230

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington .....
District IOWA

PLEASANTVILLE TOWN WELL PUMPING TEST JAN. 31-1967

TIME	MIN.	HELD	WET	W/L	D/D	HEAD PRES LBS	MANOMETER TUBE IN.	G.P.M.	SPEC CAPACITY			
JAN 30 5:00 P		245.00	22.23	222.77						TAPE	MEAS	
				227.00						AIRLINE	"	
JAN 31 7:25 A		245.00	22.83	222.17						TAPE	"	
				227.00						AIRLINE	"	
		220.00	+3.10	223.10								
7:50			+3.08	223.08								
8:00			+2.97	222.97								
				227.00						AIRLINE	MEAS	
8:02										PUMP	ON	
8:03	1	225.00	+2.45	227.45	4.48							
	3		+1.77	226.77	3.80							
	6	245.00	+0.67	245.67	22.70							
	8		+1.00	246.00	23.03							
	10	240.00	+1.13	241.13	18.16							
	12	235.00	+1.58	236.58	13.61							
				240.00		60				AIRLINE	MEAS	
	15	235.00	+1.53	236.53	13.56							
	20		+1.34	226.34	13.37		10	393	29.4			
	25	240.00	+0.62	240.62	17.65	42						
	30		+0.98	240.98	18.01		15	480	26.6			
	35		+1.17	241.17	18.20							
	40		+1.21	241.21	18.24							
	50		+1.37	241.37	18.40							
	56			245.00						AIRLINE	MEAS	
	60	245.00	+0.92	245.92	22.95							
	61			249.00						AIRLINE	MEAS	71°F
	70	245.00	+0.60	245.60	22.63		20	548	24.2			
	75						19.5					
	80	245.00	+0.48	245.48	22.51							
	90		+0.55	245.55	22.58							
	110		+0.39	245.39	22.42							

ALL MEAS. BY ELEC. LINE UNLESS OTHERWISE NOTED. MP=2.1' ATC - T.C.=0.5' ALSD
WELL ELEV. AT LS = 922.7 ABOVE MSL - T.D. 2405' - LOC. SW-NW SEC 15-76-21
TURBINE PUMP SET AT 355' + 8 STAGE BOWL + 5' SUCTION PIPE - DIESEL POWER

U. S. GOVERNMENT PRINTING OFFICE 16—48731-1

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TIME	MIN.	HELD	WET	W/L	D/D	HEAD PRES. LBS	MANOMETER TUBE IN.	G.P.M.	SPEC. CAP.			
	120	245.00	+0.54	245.54	22.57							
	135		+2.86	247.86	24.89	15	22	574	23.1			
	140		+2.85	247.85	24.88							
	150		+2.83	247.83	24.86							
	167	250.00	+2.90	252.90	29.93							
	170		+2.97	252.97	30.00		28	648	21.6			
	175		+3.15	253.15	30.18							
	178		+3.23	253.23	30.26							
	185		+3.17	253.17	30.20							
	195		+3.33	253.33	30.36							
	206	265.00	0	265.00	42.03							
	210		+0.40	265.40	42.43		45	821	19.4			
	220		+0.58	265.58	42.61							
	300	275.00	+1.96	276.96	53.99		60	948	17.5			
	305		+2.03	277.03	54.06							
	308		+2.19	277.19	54.22							
	310		+2.21	277.21	54.24							
	312		+2.24	277.24	54.27							
	316		+2.25	277.25	54.28							
	320		+2.14	277.14	54.17							
	325		+2.19	277.19	54.22							
	330		+2.28	277.28	54.31							
	336						60	948				73°F

WELL CASED 12" 0 TO 500' WITH SWEDGE REDUCER TO 8" - 500' TO 1905'
OPEN HOLE 1905' TO 2405'
G.P.M. MEAS. BY MANOMETER TUBE IN 7½' - 6" I.D. PIPE WITH 5" ORIFICE

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