

VARNER WELL & PUMP CO. DUBUQUE, IOWA

WELL TEST DATA SHEET

Job AINS WORTH, IOWA

Location _____

Dia. of well 8"

Depth of well 1020'

Length of air line 305

Non-pumping level 200

Orifice size 4" SPARKING FLAMMABLE

Date tested Dec. 5 & 6th 77

Tested by VARNER WELL & PUMP CO.

Driver 671 DETROIT DIESEL

Column and shaft 9" X 1"

Bowls 2 STAGE

Manufacturer FEARLESS

Serial No. N.A.

TIME	PIEZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						PSI.	FEET			
	0	0	Altitude	200	0		0			START OF TEST
8:00 AM		100		230	30					Clearing
8:15		100		230	30					
8:30		100		230	30					
8:45		100		230	30					
9:00		100		230	30					
9:15		100		225	25					
9:30		100		225	25					
9:45		100		230	30					
10:00		100		230	30					
10:30		100		230	30					
11:00		100		230	30					
11:30		100		230	30					
12:00		100		230	30					
1:00 PM		100		230	30					
2:00		100		230	30					
3:00		100		230	30					
4:00		100		230	30					
5:00		100		230	30					
6:00		100		230	30					
7:00		100		230	30					
8:00		100		230	30					
8:30		105		230	30					
9:00		105		230	30					
9:08			121							
9:10			116							RECOVERY

VARNER WELL & PUMP CO. DUBUQUE, IOWA

WELL TEST DATA SHEET

Job Amesworth Iowa
 Location City Well
 Dia. of well 8"
 Depth of well 1820
 Length of airline 305
 Non-pumping level 260
 Orifice size 4" Flowmeter

Date tested Dec. 6, 27
 Tested by Varner Well & Pump
 Pump used: Driver (421) G.M.C. Detroit Diesel
 Column and shaft 4 x 1
 Bowls 7
 Manufacturer Charles
 Serial No. 924

TIME	PIZOMETER READING (IN.)	G. P. M.	AIR GAUGE READING (FEET)	PUMPING LEVEL	DRAWDOWN	DISCH. PRESSURE		TOTAL PUMPING HEAD	TEMP.	REMARKS
						LBS.	FEET			
	0	0			0		0			START OF TEST
9:11			116							
9:12			116							
9:17			116							
9:27			116							
9:45			116							
10:00			116							
Static Water Level 189 END RECOVERY										
10:10		50	108	197	8					Static Water Level Changed To 189 FOR VARIABLE RATE TEST
10:20		50	110	195	6					
10:30		50	110	195	6					
10:40		100	87	218	29					INCREASE PUMPING RATE
10:50		100	87	218	29					
11:00		100	87	218	29					
11:10		150	67	238	49					INCREASE PUMPING RATE
11:20		150	67	238	49					
11:30		150	67	238	49					
11:40		200	38	267	78					INCREASE PUMPING RATE
11:50		200	36	269	80					
12:00		200	36	269	80					
12:10		250	0	305	116					INCREASE PUMPING RATE
12:20		250	0	305	116					
12:30		250	0	305	116					
12:35		270	—	316	120					MAY YIELD AT THIS DEPTH
12:40		270	—	316	120					DECREASE P.R. TO 100 GPM.
12:50		100	79	226	87					
1:00		100	81	224	85					
1:12		100	83	222	83					