

23235

WELL RECORD

Well is located _____ miles ^N~~E~~_W and _____ miles ^N~~E~~_W S from

Malcom in Poweshiek
(Nearest Town) (County)

in the _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Sec. _____ T. _____ R. _____

Owner City of Malcom Well No. _____

Postoffice address Malcom, Iowa

Contractor Spilhaus Well Co.

Address Tama, Iowa

Driller S. C. Fatterson

Well begun 5-14-, 1971;

completed 6-14-, 1971

Rig used Cable, Rotary, Jet, or _____

Depth of well 210'
(Feet)

Size of hole (note total amount of each size) 9 3/4"

Main water supply at 145' 165' 182'
(Feet below surface)

Final water head 36'
(Feet above or below surface)

Is well pumped? _____

Yield 25 Tested For 5 Hrs
(Gallons per minute)

Water level when pumping 185

Position of well _____
(Upland, valley, side hill, etc.)

RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type ^o and Weight of Pipe	DIAGRAM OF WELL
6 1/2"	93' 6"			Test Hole	
6 1/2"				Test Hole Then Cased	
2 1/2"	93 3/4"			To 210'	
9 3/4"	95'	95'	0	54#	
				Casing 4' 6" above Ground Level	

^oAs cast, wrought iron, steel, concrete, etc.

Is screen used? NO Diameter _____ (Inches)

Length _____ (Feet) Depth to bottom _____

Depth to top _____ Slot size _____

Are packers or seals used? _____

Kind _____

Where used _____

Kind of pump _____ Dia. _____ (Inches)

Capacity of pump _____ (g.p.m.)

Power used _____ (Kind and amount)

Depth to bottom of pump line _____ feet,
including _____ feet tailpiece.

Remarks on construction of well _____

DESCRIPTION OF BEDS

KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.

TOP SOIL

BROWN SOIL

YELLOW SOIL

BLUE CLAY

SAND & GRAVEL VERY FINE
ROCK

SHALE

WATER TESTED 58

GRAIN HARDNESS

for Paul

Location of use center

Latitude			Longitude			Location					Name	
Deg.	Min.	Sec.	Deg.	Min.	Sec.	County	T.	R.	E / W	Sec.	Quarters	
41	42	30	09	23	31	879	08	01	5W	26	DD	MALCOM PUBLIC S

General data for use center

Drainage Basin	Sub-Basin	Major Water Use	Major Source	Minor Source	Water Use or Irrigated Crop (percent)										Population or Acres		Exponent	Number of Intakes	Number of Outfalls	Card I.D.
					Domestic Crop	Industry Beans	Commercial Truck Crop	Re- creational Beets	Cooling- Oats	Washing Hay	Power Generation Nursery	Irrigation Sorghum	In Products Silage	Other or Combined	Value					
26	DE	01	1	2	90	—	03	—	01	06	—	—	—	—	0416	4021	U			

Warning feed going on
books hard to getCar wash
+ LaundromatLinda Grimm
Town ClerkJack Wakeley - town marshall
trailerhouse
drives olive-green pickup.LOCATION OF SEWAGE
TREATMENT + DRAINAGESewage Lagoons drain
into creek

wells located together south of town

wells are 50 yds S of RR station (grain elevators)

Remarks

Are customers metered? Yes Number of meters in system 114

Water history of system. _____

Future needs. _____

1

Use center Malcom Public Supply

no water level
measurements
WL 50 ft.

IOWA WATER USE INFORMATION

W-X

Annual quantity of water used or discharged

Use center Malcom Public Supply

Latitude and Longitude Same as U Card Cols. 1-13													Sources or Effluent Points												Reporting Periods	Year	Units	Source of Data	Maximum Rate (gpm)	Average Rate (gpm)	Average Time (Hours)	% Going to Effluent										
													Point Number	Percent	Point Number	Percent	Point Number	Percent	Point Number	Percent																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
4	1	4	2	3	0	0	9	2	3	3	1	8							0	1	3	0	2	7	0	1	7	4	1	1					0	0	2	5	0	7	9	9

Type	Accuracy	Dissolved Solids	Quantity of Water																Card I.D.																		
			1st		2nd		3rd		4th		5th		6th																								
			Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent																							
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
1	1					7	4	2	0	7																											W

7417,509

Latitude and Longitude Same as U Card Cols. 1-13													Quantity of Water																													
													7th		8th		9th		10th		11th		12th																			
Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent	Value	Exponent																													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43

44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80					

Coded by GAL Date 2-6-75 Punched by _____ Date _____

VI-Z

Use center Malcom Public Supply

Coded by GAL Date 12-17-74 Punched by Date

Daily Consumption

corrected 815,204	5-9-74	7300	
578,560	5-31-74	542780	43,080 gal
	6-1-74	585860	
851,870	6-30-74	1399400	39,330 gal
	7-1-74	1437730	
996,570	7-31-74	2413680	20,700 gal
	8-1-74	2434300	
690,170	8-31-74	3106300	18,110 gal
	9-1-74	3124470	
628,280	9-30-74	3730030	22,720 gal
	10-1-74	3752750	
635,950	11-1-74	4375620	
	11-1-74	575	
639,050	11-1-74	4388700	
	11-30-74	5006620	21,130 gal
	12-1-74	5027750	
286,130	12-16-74	5313880	

14 thousand gal pump morning of 12-17-74

20 thousand gal/day

27 thousand gal/day

meter installed last summer

Clerk totals consumption

"45 thousand gal/day when leaks developed."

- Wakeby

Car Wash 42,372 gal - 29,820 gal/mr. 6%
Locker (cooling) 6300 gal - 6900 gal/mr. 1%
continued → Laundermat

618,125