

L. F. WINSLOW

Well Drilling

P.O., WALCOTT, IOWA, R. R. 1 52773

RES., MAYSVILLE, IOWA

For Grinnell No. 8 Located at Grinnell, Iowa

Make, Kind and Size of Power V12 Diesel General Motor's

Bowl No. 10 Size 12 Stages 10 before acidizing

Column Setting 645 ft. Size 8 inches Shaft size 1 15/16 and

Static Level Before Pumping 371 Electrical Measures After Pumping 8x10 Orifice Temperature

Date	Time	Engine R.P.M.	Pump R.P.M.	Pumping Level	Gallons Per . Min.	Temp. Discharge Description	Sand P.P.M. Volume
9/26/74	9:10	371	tube			Air line start	test
	9:29	372.3				370 ft. 119 P.S.I.	
	9:39	371					
	9:40						Start
	9:42		10 1/2	495	1060	150 ft.	150 ft.
	9:44		10	507	1040	138 ft.	138 ft.
	9:46		9 1/2-	513	1016-	132 ft.	132 ft.
	9:50		9 1/2-	543	1016-	102 ft.	
	9:52		9 1/2-	545	1016-	100 ft.	
	9:54		9 1/2-	545	1016-	100 ft.	Speed up pump
	9:55		9 1/2 +	547	1016+	98 ft.	
	10:00		9 1/2+	552	1016+	93 ft.	
	10:15		9 1/2+	553	1016+	Adjust 92 ft. Temp.	pump discharge 78°
	10:30		9 3/4	547	1028	98 ft.	
	10:45		9 3/4	547	1028	98 ft.	
	11:00		9 3/4	547	1028	98 ft.	
	11:30		9 3/4	547	1028	98 ft.	
	P.M. 12:00		9 3/4	547	1028	98 ft.	Temp. 76°
	1:00		9 1/2	545	1016	100 ft.	
	2:00		9 1/2	545	1016-	100 ft. -	Temp. 78°
	3:00		9 1/2	545+	1016-	100 ft. -	
	4:00		9 1/2+	545-	1016+	100 ft.	Temp. 78°

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For Grinnell Located at East 1st Ave.

Make, Kind and Size of Power V-12 G. M. C. Diesel

Bowl No. Jennings Size 12" Stages 10

Column Setting 645' ft. Size 8" Shaft size 1 15/16x3 1/2 and coupling

Static Level Before Pumping 371' After Pumping Temperature 78°

Date	Time	Engine R.P.M.	Pump R.P.M.	Pumping Level	Gallons Per. Min.	Temp. Discharge Description	Sand P.P.M. Volume
9/26/74	5:00	1575	9 1/2+	544	1016+	101 ft.	78°
	6:00		9 1/2+	544	1016+	101 ft.	
	7:00		9 1/2+	544	1016+	101 ft.	
	8:00		9 1/2+	545	1016	100 ft.	
	9:00		9 1/2+	545	1016+	100 ft.	78°
	10:00		9 1/2	545	1016	100 ft.	
	11:00		9 1/2	545	1016	100 ft.	
9/27/74	12:00		9 1/2	545	1016	100 ft.	
	1:00		9 1/2	545	1016	100 ft.	78°
	2:00		9 1/2	545	1016	100 ft.	
	3:00		9 1/2	544	1016	101 ft.	
	4:00		9 1/2	543	1016	102 ft.	
	5:00		9 1/2	543	1016	102 ft.	
	6:00		9 1/2	543	1016	102 ft.	78°
	7:00		9 1/2	543	1016	102 ft.	
	8:00		9 1/2	542	1016	103 ft.	
	9:00		9 1/2	542	1016	103 ft.	78°
	9:53		9 1/2	547	1016	98 ft.	
Recovery	9:54					163 ft.	
	9:55					202 ft.	
	9:56					220 ft.	
	9:57					159 ft.	

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RES., MAYSVILLE, IOWA

Make, Kind and Size of Power V-12 G. M. C.

Bowl No. Jennings Size 12 Stages 10

Column Setting _____ ft. Size _____ Shaft size _____ and _____

Static Level Before Pumping 119 p.s.t. After Pumping _____ Temperature _____

[illegible]

WINSLOW DRILLING CO.

R. R. 1, 52773
Walcott, Iowa

After Acidizing
with 8629 Gallons

For City Grinnell Located at East 1st Ave.

Make, Kind and Size of Power V-12 Detrint Diesel 525 h.p.

Bowl No. Size 12" Stages 10

Column Setting 645 ft. Size 8" Shaft size 1 15/16 and

Static Level Before Pumping 373-31n After Pumping Temperature

Date	Time	PUMPING LEVEL	DRAWDOWN	FT. WATER ABOVE BOWLS	GALS. PER MIN	PIZZOMETER TUBE READING		REMARKS
							Water Temperature	
10-21-74	9:22	373'-3"		1525	0-1428	20 1/2		
	9:26-5	407'-6"		1525	1428	20 1/2	77°	
	9:31-5	410'-0"		1525	1421	20 1/2		
	9:37	410'-10"		1525	1404	20 1/2		101 PSI
	9:45	411'-5"	37.2	1525	1421	20 1/2		37.2 SFO
	10:00	412'-6"		1525	1421	20 1/2	77°	101 PSI
	10:15	412'-9"	38-6	1525	1421	20 1/2		35.9 101 PSI
	10:30	412.9	39-6	1525	1421	20 1/2		35.9
	11:00	413'	39-9	1525	1421	20 1/2		101 PSI
	11:30	413'-4"	40-1	1525	1404 +	20 +	77°	100 PSI
	P.M. 12:00	413'-6"	40'-3"	1525	1404 +	20 +	77°	100 PSI
	12:30	413'-6"	40'-3"	1525	1404 +	20 +	77°	100 PSI
	1:00	413'-10"	40'-7"	1525	1404 +	20 +	77°	100 PSI
	1:30	414'	40'-9"	1525	1404 +	20 +		100 PSI
10-21-74	2:00	414	40'-9"	1525	1404	20		100 PSI
	2:30	414	40'-9"	1525	1404	20	77°	100 PSI
	3:00	414'-2"	40'-11"	1525	1404	20		100 PSI
	3:30	414'-5"	41'-2"	1540	1404 +	20+		100 ph63
	4:00	414'-5"	41'-2"	1540	1404 +	20 +	76°	100
	4:30	414'-10"	41'-9"	1540	1404	20 +	76°	100
	5:00	414'-10"	41'-7"	1540	14044	20 +		100

W I N S L O W D R I L L I N G C O .

R. R. 1, 52773
Walcott, Iowa

City Grinnell Located at East 1st Ave.

Make, Kind and Size of Power V-12 Detrint Diesel 525 h. p.

Well No. Size 12" Stages 10

Column Setting 645 ft. Size 8" Shaft size 1 15/16 and

Static Level Before Pumping 373-3 in After Pumping Temperature

Date	Time	PUMPING LEVEL	DRAWDOWN	FT. WATER ABOVE BOWLS	GALS. PER MIN	PIZZOMETER TUBE READING	REMARKS
10-21-74	5:30	414'-10"	41'-7"	1540	1404+	20 + 76°	100
	6:00	414'-9"	41'-6"	1540	1414 +	20 +	100
	6:30	414'-9"	41'-6"	1540	1404	20 + 76°	100
	7:00	414'-10"	41'-6"	1540	1404 +	20 +	100
	7:30	414'-8"	41'-5"	1540	1404 +	20 + 76°	100
	8:00	414'-10"	41'-7"	1540	1404 +	20 +	100
	8:30	414'-10"	41'-7"	1540	1404+	20 + 76°	100
	9:00	414'-9"	41'-6"	1540	1404+	20 +	100
	9:30	414'-9"	41'-6"	1540	1404+	20 + 76°	100
	10:00	414'-10"	41'-7"	1540	1404+	20 +	100
	10:30	414'-10"	41'-7"	1540	1404+	20 + 76°	100
	11:00	414'-10"	41'-7"	1540	1404+	20 +	100
	11:30	414'-10"	41'-7"	1540	1404+	20 + 76°	100
10-22-74	12:00	414'-10"	41'-7"	1540	1404+	20 +	100
A.M.	12:30	414'-9"	41'-6"	1540	1404+	20+ 76°	100
	1:00	414'-9"	41'-6"	1540	1404+	20+	PIA 63 100 PSI
	1:30	414'-9"	41'-6"	1540	1404+	20+ 76°	100 PSI
	2:00	414'-9"	41'-6"	1540	1404+	20+	100 PSI
	2:30	414'-10"	41'-7"	1540	1404+	20 + 76°	100 PSI
	3:00	414'-10"	41'-7"	1540	1404+	20+	100 PSI
	3:30	414'-10"	41'-7"	1540	1404+	20+ 76°	100 PSI
	4:00	414'-10"	41'-7"	1540	1404+	20+	100 PSI

R. R. 1, 52773
Walcott, Iowa

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Walcott, Iowa

Static Level Before Pumping _____ After Pumping _____ Temperature _____

Date	Time	PUMPING LEVEL	DRAWDOWN	FT. WATER ABOVE BOWLS	GALS. PER MIN	PIZZOMETER TUBE READING	REMARKS
10-22-74	4:30	414'-10"	41'-7"	1540	1404+	20+	76° 100 PSI
	5:00	414'-9"	41'-6"	1540	1404+	20+	100 PSI
	5:30	414'-9"	41'-6"	1540	1404+	20+	76° 100 PSI
	6:00	414'-10"	41'-7"	1540	1404+	20+	100 PSI
	6:30	414'-10"	41'-7"	1540	1404	20	76° 100 PSI
	7:00	414'-10"	41'-7"	1540	1404	20	100 PSI
	7:30	414'-10"	41'-7"	1540	1404	20	76° 100 PSI
	8:00	414'-10"	41'-7"	1540	1404	20	76° 100 PSI
PH 63	8:30	414'-10"	41'-7"	1540	1404	20	100 PSI
	9:00	414'-10"	41'-7"	1540	1404	20	100 PSI
End of 24 hr. test for G.M.	9:10	425.55	52	1650	1627	27.5	95 PSI
	9:20	425.55	52	1650	1620	27+	95 PSI
		Elect. Prob					
A.M.	9:30	425.55	52	1650	1620	27+	78° 95 PSI
	9:40	425.55	52	1650	1620	27+	78° 95 PSI
Recovery	9:42						114
	9:44						114
	9:54						114
P.M.	1:30						117