#17661

IOWA GEOLOGICAL SURVEY
In Cooperation with U.S.Geological Survey
RECORD OF WELL

Location: 1 mile(W)

Town: Davenport (NE)(SW) County Scott

NW NE NE Sec. 26, T. 78, N., R. 2 (E)(W) Twp.

Well name and number

Owner Archers Realty Co. #1 Address

Tenant Address

Contractor L. F. Winshow Address

Drillers Don Holdorf

Drilling dates April 25, 65 To May 3, 65

Well data:
Altitudes: Drilling curb feet; Land surface 762 feet

Determined by

Topographic position hill

Total depth: Reported 412 feet; Measured feet

Drilling method Rotary

Hole and casing data 272' of 5" csg

Original depth to water feet. above below Date

Source of data

Sources of water: Principal 412'

Others

PRODUCTION DATA

Date

Static water level ?

Pumping water level 240

Yield (g.p.m.) 50

Measuring point

Duration of pumping

Specific capacity

LABORATORY DATA PLG-177

Well No. #17661 Sample range 0-412 No.of samples 41

No. of dupls. and cond. — Washed range 160-412

Samples prepared by Odeh Date 7/27/65

Logged by Northup Date 8/3/70

Correlations by " Date 8/3/70

DRILLER'S NOTEBOOK

#1

WELL RECORD

Driller Don Hardie

Address Walcott

Iowa

#17661

Owner Aitchen Realty

Address Davenport

Iowa

RETURN TO

IOWA GEOLOGICAL SURVEY

IOWA CITY, IOWA

#17661 WELL RECORD

Well is located 1 miles N E and — miles N E of W W

Deerpoint (Nearest Town) in Scott (County),

in the ¼ ¼ Sec. T. R.

Owner Archers Realty Well No. 1

Postoffice address

Contractor L.F. Winslow

Address Wilcox Texas

Driller Dan Hubbard

Well begun 4-25, 1965;

completed 5-3, 1965

Rig used—Cable, Rotary, Jet, or

Depth of well 412 (Feet)

Size of hole (note total amount of each size) 5"

Main water supply at 412 (Feet below surface)

Final water head (Feet above or below surface)

Is well pumped? Yes

Yield 50 (Gallons per minute)

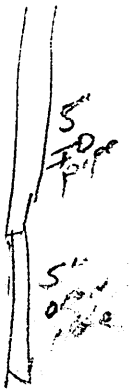
Water level when pumping 240

Position of well hill (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° and Weight of Pipe
5"	272	272		SCH 80 LPSS

DIAGRAM OF WELL



°As 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? No

Kind /

Where used

Kind of pump Sub Dia. 3 (Inches)

Capacity of pump 50 (g.p.m.)

Power used Elec (Kind and amount)

Depth to bottom of pump line 240 feet,

including / feet tailpiece.

Remarks on construction of well

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1	0	10	10
2	10	20	10
3	20	30	10
4	30	40	10
5	40	50	10
6	50	60	10
7	60	70	10
8	70	80	10
9	80	90	10
10	90	100	10
11	100	110	10
12	110	120	10
13	120	130	10
14	130	140	10
15	140	150	10
16	150	160	10
17	160	170	10

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Clay
"
Sandy Gravel
" "
Shale
Shale
Shale
"
"
"
"
"
"
"
"
"
"
"

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
18	170	180	10
19	180	190	10
20	190	200	10
21	200	210	10
22	210	220	10
23	220	230	10
24	230	240	10
25	240	250	10
26	250	260	10
27	260	270	10
28	270	280	10
29	280	290	10
30	290	300	10
31	300	310	10
32	310	320	10
33	320	330	10
34	330	340	10

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Shale	
Muddy Rock	
discolored Rock	
"	'
"	"
Blueish Rock & shale	
discolored Rock (Brown Gray white)	
Brownish Rock with green shale Stringers	
Brownish Rock with shale stringers	
white Rock	
Gray Rock	
"	"
"	"
"	"
"	"
"	"
11	4

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
35	340	350	10
36	350	360	10
37	360	370	10
38	370	380	10
39	380	390	10
40	390	400	10
41	400	412	12
			TD

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
Gray Rock
white rock
white sand
white - Crystal rock
" " "
" " "

306.7
2003
04
286.10

DESCRIPTION OF BEDS,

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

20.09 — 20 03 — 270. — 10.4
20.03 — 22.12 — 20 04 — 272.
20.04 — 42.16 — 20 02
20.02 — 62.18 — 19 11 — 8
19.11 — 81.29 — 19 09 — 191 — 8.4
19 09 — 100.38 — 20 — 291.9
20. — 120.38 — 20.04 — 42
20.04 — 140. — 20 05
20.05 — 140.47 — 20 04 — 297.91 — 7.7
20.04 — 160.51 — 20 03 — 306.7
2003 — 180.54 — 20 02
20.02 — 200.56 — 19.11
19.11 — 220.56 — 19.11
20.05 — 239.67 — 20 05
19.08 — 259.72 — 19 08
19.11 — 278.80 — 19 11
297.91

FOR FIGURING, CASING TALLY, ETC.

K-20=20
C-22=42
2C-16=58
3C-15=73
4C-15=88
5C-15=103
1R-15=118
2R-15=133
3R-15=148
4R-15=163
5R-15=178-175 left
6R-15=193
7R-15=208
8R-15=223
9R-15=238
10R-15=253-242-240
11R-15=268

180 caps

S.T 272

FOR FIGURING, CASING TALLY, ETC.

T-20=20
C-15=35
C-15=50
Bit Sub 2=52

1 R- 67
2 R= 82
3-R- 97
4-R- 112 107
5-R- 127
6-R- 142 155
7-R- 157
8-R- 172
9-R- 187
10-R- 202
11-R- 217
12-R- 232
13-R- 247
14-R- 262
15-R- 275

262
20
242 - 60 gpm

16-R- 292
18-R- 307
19 R= 322
20 R= 337
21 R- 352

107 STATIC

22 R- 367
23 R- 382
24 R- 397
25 R 411

247 per ft
50 gpm