#32134

DRILLER'S NOTEBOOK

WELL RECORD

Driller David A. Pickar

Address R.R.

St. Charles, Ia.

R. BANKS, INC

Owner Dawson

Address Dawson, Ia.

RETURN TO

Iowa Department of Natural Resources
GEOLOGICAL SURVEY BUREAU
123 North Capitol Street
IOWA CITY, IOWA 52242
(319) 335-1575

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WHEN RECORD IS COMPLETED PUT IN ENVELOPE AND MAIL TO

THE DIRECTOR

Iowa Department of Natural Resources
GEOLOGICAL SURVEY BUREAU
123 North Capitol Street
IOWA CITY, IOWA 52242
(319) 335-1575

IOWA

#32134

WELL RECORD

Well is located 1/8 miles S and ____ miles S from (N E / N E) (W / W)

Dawson (Nearest Town) in Dallas (County),

in the NW ¼ NW ¼ Sec. 10 T. 81 R. 29

Owner City of Dawson Well No. 4

Postoffice address ____

Contractor Ro-Banks Inc.

Address R.R.1, St. Charles, Ia.

Driller David A. Pickar

Well begun 12-7, 1990;

completed 12-7, 1990

Rig used--Cable, Rotary, Jet, or Bucket

Depth of well 24 ft. ground level (Feet)

Size of hole (note total amount of each size) 48"

Main water supply at 15 ft. (Feet below surface)

Final water head 12.5 ft. (Feet above or below surface)

Is well pumped? Yes

Yield 90 gpm (Gallons per minute)

Water level when pumping 15½ ft.

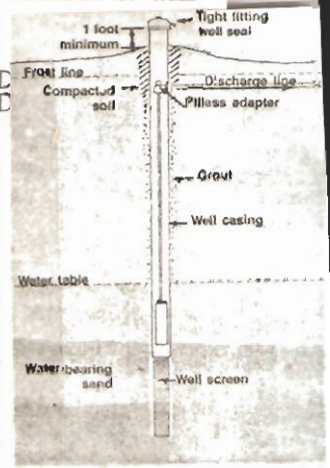
Position of well side hill (Upland, valley, side hill, etc.)

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RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type* and Weight of Pipe
8"	12	16	4	SDR26 8.2650D 7.962ID

DIAGRAM OF WELL



*As cast, wrought iron, steel, concrete, etc.

Is screen used? Yes Diameter 8" (Inches)

Length 8' (Feet) Depth to bottom 24"

Depth to top 16 Slot size 60

Are packers or seals used? No

Kind ____

Where used ____

Kind of pump Sta-Rite Dia. ____ (Inches)

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

Power used 7½ hp - 230 volt, single (Kind and amount)

Depth to bottom of pump line 22 feet,

including ____ feet tailpiece.

Remarks on construction of well

Pump is 2 ft. off bottom

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SAMPLE NO.	DEPTH		THICKNESS	DESCRIPTION OF BEDS
	From	To		KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
1	0	5	5	BLACK TOPSOIL
2	5	10	5	SANDY LOAM
3	10	15	5	SAND & GRAVEL
4	15	20	5	SAND & GRAVEL
5	20	25	5	SAND & GRAVEL
6	25	27	2	SAND & GRAVEL
7	27	30	3	BLUE CLAY

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CITY OF DAWSON

DATE 1-9-91 & 1-10-91

STATIC WATER LEVEL 12½ ft.

TOTAL DEPTH 24 ft. GROUND LEVEL

SETTING OF PUMP _____ PUMP INLET

3 inches per 1/2 minute

WATER LEVEL	TIME	GPM
12½ ft.	11:00 a.m.	90
14 ft.	11:05	90
14½ ft.	11:10	90
15'	11:15	100
15' 2"	11:20	100
15' 2"	11:25	100
15' 3"	11:30	100
15' 3"	11:35	100
15' 3"	11:40	100
15' 3"	11:45	100
15' 4"	11:50	100
15' 5"	11:55	100
15' 5"	12:15	100
15' 5"	12:35	100
15' 5"	12:55	100
15' 5"	1:25	100
15' 5"	1:55	100
15' 11"	2:25	100
15' 11"	2:55	100
14' 7"	3:25	72½
14' 5"	11:20	72
14' 5"	12:20	72

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WATER LEVEL	TIME	GPM
15' 5"	1:20	90
15' 5"	2:20	90
15' 5"	3:20	90
15' 5"	4:20	90
15' 5"	5:20	90
15' 5"	6:20	90
15' 5"	7:20	90
15' 5"	8:20	90
15' 5"	9:20	90
15' 5"	10:20	90
15' 5"	11:20	90
15' 5"	12:20	90
15' 5"	2:20	90
15' 5"	4:20	90
15' 5"	6:20	90
15' 5"	8:20	90