

MAR 21 1975 JUL 23 1975 H 25

PUNCHED AND VERIFIED
ROLLA COMMUNICATION BRANCH

Well No. H 75

U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

WELL SCHEDULE

FORM 9-1642 (1-68)
DOT 040003-01

Well No. GWO0844

Record by B.D. GWC

MASTER CARD

Record by B.D. GWC Date 1-70

State MO County Madison (or town) Engel South

Latitude: 33° 07' 03" N Longitude: 089° 28' 27" W

Local use: 064

Owner or name: ETHEL R. WILSON

Address: Engel Mo.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist (M)

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Ind, Med, P S, Rec, Stock, Instic, Unused, Recharge, Desal-P, Desal-other, Other (D)

Well: Anode, Drain, Seltatic, Heat Gas, Obs, Oil-Gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed (M)

DATA AVAILABLE: Well data Freq. W/L meas: Field aquifer char:

Hyd. lab. data:

Qual. water data: Type: USGS 7/75

Freq. sampling: Pumpage inventory: no. period:

Aperture cards:

Log data: LOG RUN ON TEST HOLE # 29

Depth well: 951 ft

Depth cased (first part): 917 ft

Casing type: STEEL

Meas. rept accuracy: 3

Finish: porous gravel, gravel w. horiz. open part., gallery, end, concrete, (perf.), screen, (T), (X) other (S)

Method: air bored, cable, dug, hyd jetted, air perc., reverse trenching, driven, drive, wash, other (H)

Date drilled: 970

Driller: Layne Contract

Address: Engel Mo.

Drill bit: (L) (N) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) other

Flow: diesel, elec, gas, gasoline, hand, gas, wind; H.P. 30

Trans. or meter no. 1

Descr. MP: 500 ft above LSD, ALC. MP: 495

Water level: 150 ft above MP; 150 ft below MP

Date: 7

Yield: 070 gpm

Pumping period: 150 hrs

Drawdown: 070 ft

Accuracy: 150

WATER DATA: Iron 775 ppm

Sp. Conduct: 290 K x 10⁶ ppm

Temp. 2 °C

Date sampled: 775

Chloride 775 ppm

Sulfate 775 ppm

Hard. 775 ppm

TA, color, etc. PH = 8.1

12/7/88
GDSG
210
-95
200.5
-1.5
1990

12/20/88
12/20/88
12/20/88
12/20/88
12/20/88

Well No. H25

Latitude-longitude _____ N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D 13T Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TE aquifer, formation, group LN

Lithology: _____ Origin: 2 Aquifer Thickness: 250 ft

Length of well open to: 250 ft Depth to top of: 910 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 6" S.S.

Depth to consolidated rock: _____ ft Source of data: _____

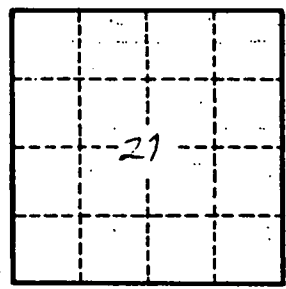
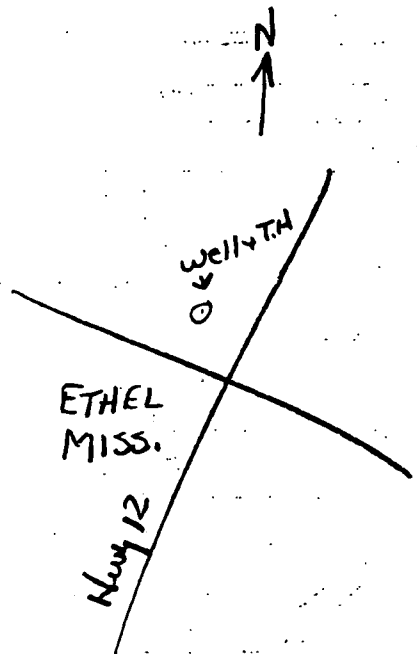
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____

see E Log #29



11-14-82
 Could not get tape all the way down to H₂O → Tried 2 different plugs
 ———— Rtm

Measured well at Greenlee Elementary school instead

Well No. H25