

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

AUG 6 1973

MASTER CARD

Record by TNS Source of data owner Date 9/57 Map ---

State 28 County (or town) PONTOTOC 58

Latitude: 34^{deg} 10^{min} 29^{sec} N Longitude: 089^{degrees} 00^{min} 15^{sec} Sequential number: 1

Lat-long accuracy: 3^T 10^S 3^R 3^W Sec 32 NW NE

Local well number: G014BA3210S03E Other number: --- B & M

Local use: --- Owner or name: T S ARNOLD Address: ---

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (H)

Stock, Instit, Unused, Repressure, Recharge, Desal-P.S, Desal-other, Other ---

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (W)

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

Hyd. lab. data: ---

Qual. water data; type: ---

Freq. sampling: --- Pumpage inventory: --- period: ---

Aperture cards: --- yes ---

Log data: ---

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 160 ft Meas. rept accuracy 6

Depth cased: (first perf.) 100 ft Casing type: --- Diam. in 4

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) open gallery, end, (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (B) other X

Method: (A) drilled, (B) air bored, (C) cable, (D) dug, (H) rot., (J) hyd jetted, (P) air percussion, (R) rotary, (T) reverse trenching, (V) driven, (W) drive wash, (B) other H

Date Drilled: 9/54 Pump intake setting: --- ft ---

Driller: Red Hill

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (B) other J Deep --- Shallow ---

Power (type): --- nat LP --- 3/4 5 Trans. or meter no. ---

Descrip. MP --- above ft below LSD, Alt. MP ---

Alt. LSD: 450 Accuracy: (source) ---

Water Level: --- above ft below MP; --- above ft below LSD --- Accuracy: ---

Date meas: --- 54 Yield: --- gpm --- Method determined ---

Drawdown: --- ft --- Accuracy: --- Pumping period --- hrs ---

QUALITY OF WATER DATA: Iron --- Sulfate --- Chloride --- Hard. ---

Sp. Conduct --- K x 10⁶ --- Temp. --- °F --- Date sampled ---

Taste, color, etc. ---

11/15/78
WL-75-75

Well No.

80.00
9.30
70.70

84.80
12.35
71.65
70.70
0.95

Well No. 614

Latitude-longitude 70.70 0.95

HYDROGEOLOGIC CARD

1 SAME AS ON PREVIOUS CARD

2 Physiographic Province: 0.3 Section: _____

3 Drainage Basin: 113C Subbasin: _____

4 (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____

5 MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group R1

6 Lithology: _____ Origin: _____ Thickness: _____

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

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

9 Lithology: _____ Origin: _____ Thickness: _____

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

11 Intervals Screened:

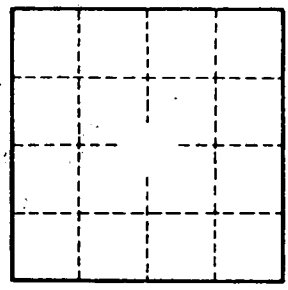
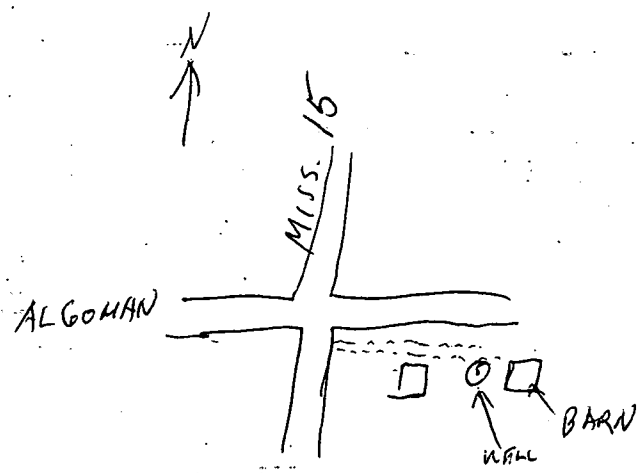
12 Depth to consolidated rock: _____ ft _____ Source of data: _____

13 Depth to basement: _____ ft _____ Source of data: _____

14 Surficial material: _____ Infiltration characteristics: _____

15 Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

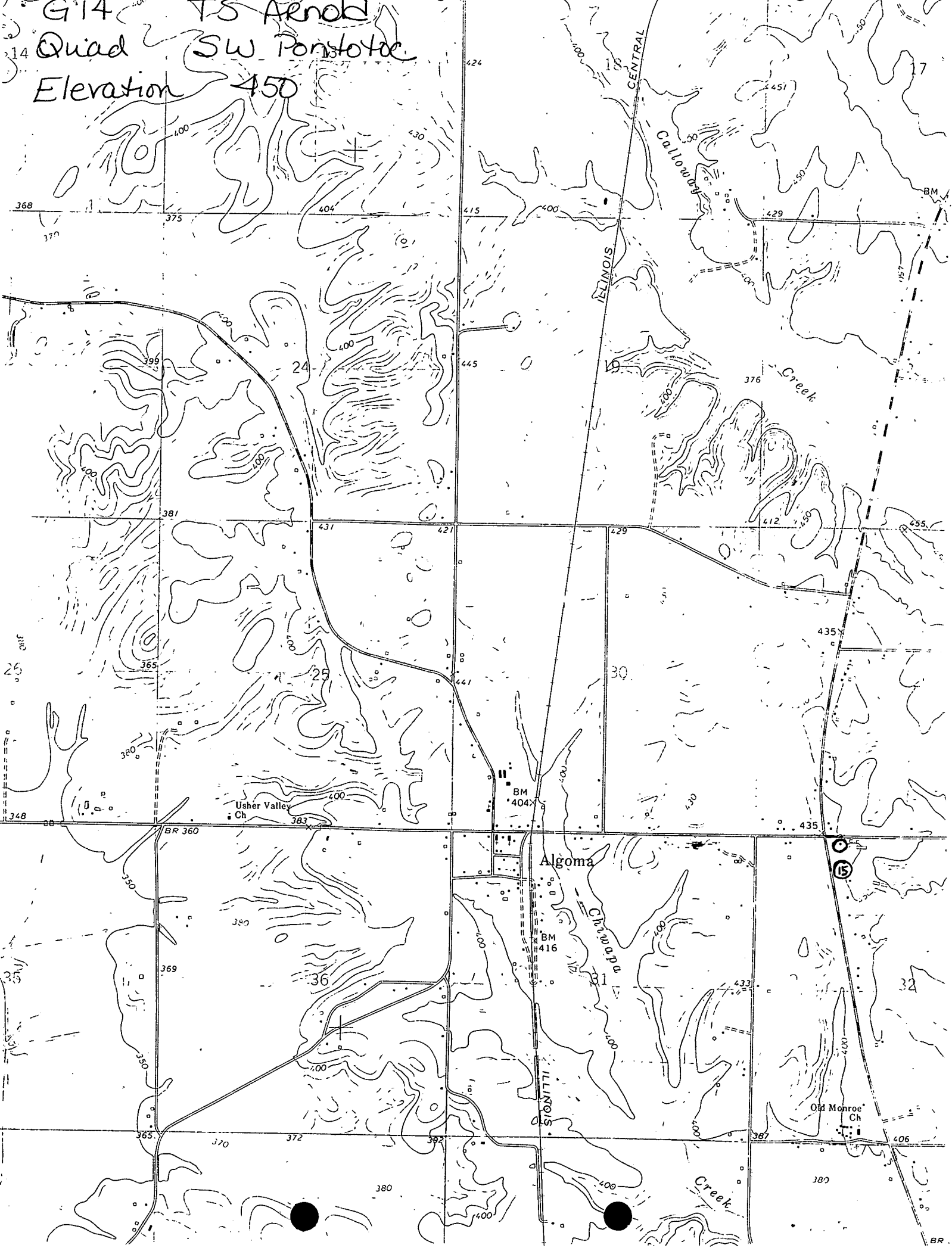
16 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

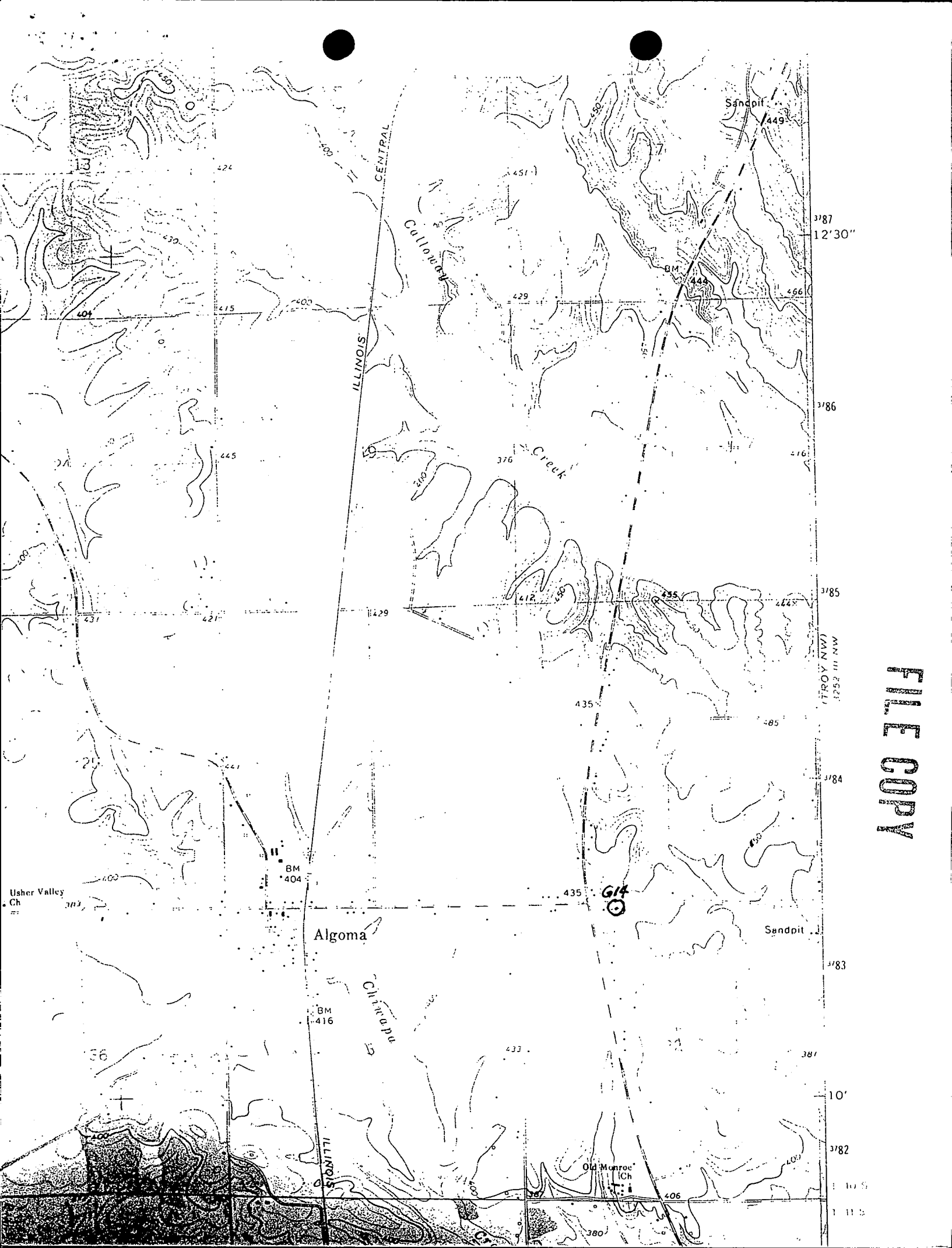


Well No.

8/15/50
25-25-110

G14 TS Arnold
14 Quad SW Pontotoc
Elevation 450





FILE COPY

3787
12' 30"
3786
3785
3784
3783
10'
3782

(TROY NW)
1252 III NW

Sandpit
449

BM 444

ILLINOIS CENTRAL
ILLINOIS ST. ROAD

Cullomana Creek

376 Creek

Algoma

Sandpit

BM 404

BM 416

614

Old Monroe Ch

Usher Valley Ch

Chillicothe

13

24

21

36

424

415

445

421

424

451

429

376

412

435

435

433

466

416

425

485

3784

3783

3781

3782

406

380

1 10 5

1 11 5