



Well No. E5

Latitude-longitude N  
S  
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**HYDROGEOLOGIC CARD**

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 18R Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series M1 Fort Payne Chert FP aquifer, formation, group

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: 711 ft

Length of well open to: \_\_\_\_\_ ft 111 Depth to top of: \_\_\_\_\_ ft 367

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: open 367 - 378

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

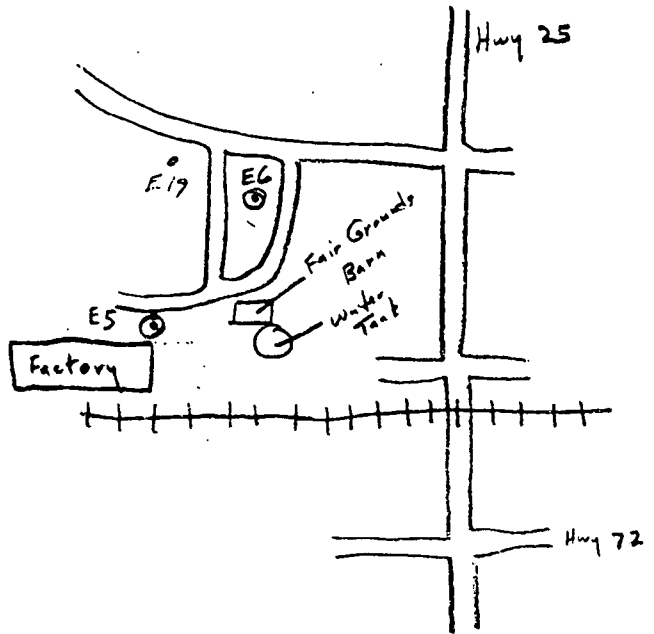
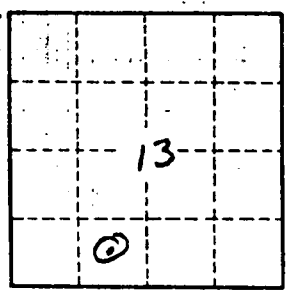
Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

WL 90 ft 1962  
92 1965

Test: Yield 92 gpm  
WL fluctuates  
110 gpm  
137 gpm  
150 gpm  
on successive development



	Thick	Depth
Sand, yellow	40'	40'
Gravel	50'	90'
Ls, etc	278'	368'
Soft, cavity	10'	378'

Driller identified top of Fort Payne as "brown" chert at 367 feet.

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# TURK DUARD

