

West Point

FORM 9-1642 (1-68)

Well No. K 13

WELL SCHEDULE

PUNCHED

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

JAN 24 1973

MASTER CARD

Record by J.S. Source of data ROWC Date 1/6/73 Map \_\_\_\_\_

State 20 County CLAY (or town) 13

Latitude: 33° 31' 40" N Longitude: 08° 83' 41" W Sequential number: 1

Lat-long accuracy: 10 T. 19 S. R. 16 W. Sec. 8 SE, SW, NE

Local well number: K013CA0819N16E Other number: \_\_\_\_\_ B & H

Local use: 106 Owner or name: W. H. SMITH Address: West Point

Ownership: 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, Mad, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

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.: 1 Field aquifer char.

Hyd. lab. data: \_\_\_\_\_

Qual. water data: type: \_\_\_\_\_

Freq. sampling: \_\_\_\_\_ Pumpage inventory:  yes, no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft Mess. 200 accuracy \_\_\_\_\_

Depth cased: \_\_\_\_\_ ft Casing type: 7 Diam. 12 in

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

Method Drilled: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) air percussion, (P) air reverse, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other 7

Date Drilled: 966 Pump intake setting: \_\_\_\_\_ ft

Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) nose, (P) piston, (R) rot., (S) submerg, (T) turb, other  Deep  Shallow

Power (type): diesel, elec, nat, gas, gasoline, hand, gas, wind, H.P. E/P Trans. or meter no. 5

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 230 Accuracy: (source) 5

Water Level 62 ft above below MP; Ft below LSD 62 Accuracy: \_\_\_\_\_

Date meas: 06E Yield: \_\_\_\_\_ gpm Pumping period: \_\_\_\_\_ hrs Method determined: \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

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**PUNCHED**

Latitude-longitude N  
S  
d m s d m s

HYDROLOGIC CARD

18 SAME AS ON MASTER CARD 19 Physiographic Province: 013 Section: \_\_\_\_\_

20 Drainage Basin: U31E 21 Subbasin: \_\_\_\_\_ 22

23 (D) (C) (B) (F) (N) (K) (L) Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp, well site: (S) (P) (G) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_ 27

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series K13 \_\_\_\_\_ aquifer, formation, group E2 \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: 6 Aquifer Thickness: 80 ft  
32 Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft 250 \_\_\_\_\_ 33 34 35 36

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
38 Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 39 40 41 42

Intervals Screened: \_\_\_\_\_

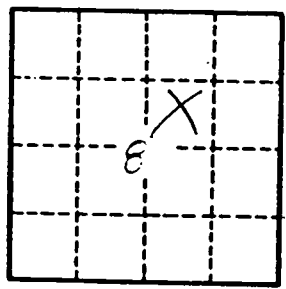
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 44

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 45

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_ 70 71 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 73 74 75

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpd/ft; Number of geologic cards: \_\_\_\_\_ 76 77 78 79



Well No.

K13

Clay  
 K.B.  
 10-30-68

MISSISSIPPI  
 BOARD OF WATER COMMISSIONERS  
 416 North State Street  
 Jackson, Mississippi 39201

**CODED**

WATER WELL DRILLERS LOG

OCT 30 1968 Echols DRILLING CO CLAY  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
WILLIAM H. SMITH	Red Clay Sand	0	5
WEST POINT	Leche Rock	5	220
(mailing address)	Sand	220	300

WELL LOCATION:  
 sec. 8 T. 19 N. R. 16 E. W.  
 9 miles S of WEST PT  
 (distance) (direction) (nearest town)

WELL PURPOSE: Home  
 (home, irrigation, municipal, industrial)

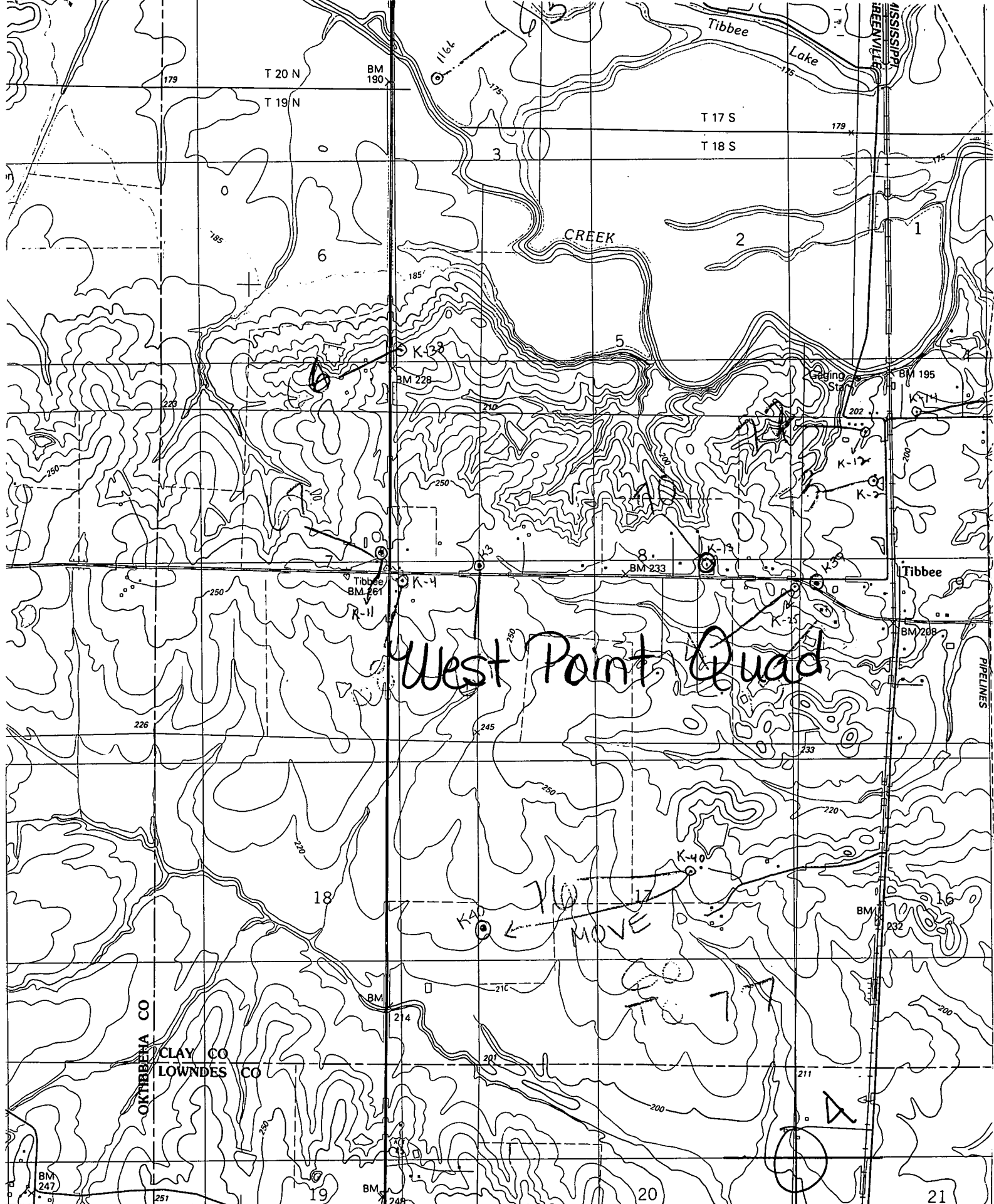
- WELL COMPLETION DATA:
- (1) diameter (inches) 3 3/4
  - (2) total depth (feet) 300
  - (3) static water level (feet) 62 below above top of ground.
  - (4) casing PIPE 42  
 (material) (depth)  
4 if telescope see back.  
 (size)
  - (5) screen \_\_\_\_\_  
 (length) (depth to top)  
 (size) (material)
  - (6) pump 3/4 5  
 (HP) (yield gpm)  
ELEC.  
 (type power)
  - (7) electric log NO  
 (yes or no)
  - (8) how well bottom plugged \_\_\_\_\_  
 (organization running log)

**CODED**

JAN 21 1969

MISS. BD. OF  
 WATER COMM.

DRILLERS REMARKS: Elev. 20'



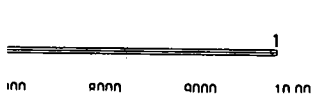
West Point Quad

KAD TO MOVE

TO 77

A

44 R 15 E R 16 E 40' ARTESIA 6 MI. BROOKSVILLE 20 MI. 347 INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1987 88°



ROAD CLASSIFICATION

Primary highway, hard surface ..... Light-duty road, hard or improved surface .....