

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by J.S. Source of data BOWC Date 1/70 Map _____

State _____ County (or town) 218 Panola 54

Latitude: 34 17 35 N Longitude: 09 00 42 2 Sequential number: 1

Lat-long accuracy: 4 T. 9 S. R. 8 E. Sec. 19 NE NE

Local well number: Q 013 A A 19 0 9 S 0 8 W Other number: _____ B & H

Local use: 064 Owner or name: Pipeline Co. #7

Owner or name: TENN. GAS. PIPE Address: Batesville, MS.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____ N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other _____ N

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____ R

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: _____ ft 1046 Meas. rept _____ accuracy _____

Depth cased: _____ ft 1006 Casing type: Steel Diam. _____ in _____

Finish: (A) porous concrete, (B) gravel w. (perf.), (C) gravel w. (screen), (D) horiz. gallery, (E) open end, (F) open perf., (G) screen, (H) sd. pt., (I) shored, (J) open hole, (K) other _____ S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) rotary, (J) crenching, (K) driven, (L) drive-wash, (M) other _____ H

Date Drilled: 970 Pump intake setting: _____ ft _____

Driller: Layne Central

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____ 7 Deep _____ Shallow _____

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) LP, (J) Trans. or meter no. _____ U

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

Alt. LSD: _____ Accuracy: _____ 4

Water Level +5 ft above _____ below MP; Ft _____ LSD _____ Accuracy: _____ 0

Date meas: 170 Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct 470 K x 10⁶ _____ Temp. 23.0 Date sampled _____

Taste, color, etc. _____

DEC 9 1974

ms

Well No. 13

Well No. Q 13

Latitude-longitude _____

HYDROGEOLOGIC CARD

Province: SAME AS ON MASTER CARD Section: 0:3

Drainage Basin: D Subbasin: 15F

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

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

Lithology: US Origin: 2 Aquifer Thickness: 46 ft

Length of well open to: 46 ft Depth to top of: 1020 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: 8" SS shutter.

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/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

pumps most of the time
7-13-1973
water temperature = 23.0°C
specific conductance = 470

7/70 only well in use

small lake used as alternate source of water supply for cooling water.

		19	

Description of formations encountered	from to	
Clay	15	15
Sand and gravel	76	51
Clay	104	28
Rock	105	1
Clay	176	71
Rock	178	2
Clay	184	6
Rocks and clay	200	16
Clay	273	73
Rocks and clay	290	17
Clay	330	40
Sand and clay	385	55
Clay	396	11
Rock	398	2
Hard shale	420	22
Sandy shale	520	100
Sand	612	92
Sandy shale	642	30
Shale	863	221
Rock	865	2
Shale	885	20
Rock	886	1
Shale	969	83
Rock	972	3
Hard shale	1000	28
Sandy shale	1020	20
Sand	1046	26
Shale	1097	51
Sand & shale sts.	1127	30
Shale & sand sts.	1161	34
Rock	1162	1
Shale & rock	1164	2
Shale	1200	36

Well No. Q 13

m

PANOLA
Q 13
1-21-70

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

CODED

Jan. 21, 1970 Layne-Central Company Panola
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Tennessee Gas Pipeline Co.			
Batesville, Mississippi (mailing address)	Clay	15	15
	Sand and gravel	76	51
	Clay	104	28
WELL LOCATION:	Rock	105	1
sec. 19 T 9 XX R 8 XX S W	Clay	176	71
7 miles W of Batesville	Rock	178	2
(distance) (direction) (nearest town)	Clay	184	6
WELL PURPOSE: Gas pipe line (home, irrigation, municipal, industrial)	Rocks and clay	200	16
WELL COMPLETION DATA:	Clay	273	73
(1) diameter (inches) 12"	Rocks and clay	290	17
(2) total depth (feet) 1046'	Clay	330	40
(3) static water level (feet) 5' XXXX top of ground. above	Sand and clay	385	55
(4) casing steel, 1000' (material) (depth) 12" If telescope see back. (size)	Clay	396	11
(5) screen 40', 1006' (length) (depth to top) 8" s.s. shutter (size) (material)	Rock	398	2
(6) pump 10 200 (HP) (yield gpm) electric (type power)	Hard shale	420	22
(7) electric log _____ (yes or no) _____ (organization running log)	Sandy shale	520	100
(8) how well bottom plugged _____	Sand	612	92
	Sandy shale	642	30
	Shale	863	221
	Rock	865	2
	Shale	885	20
	Rock	886	1
	Shale	969	83
	Rock	972	3
	Hard shale	1000	28
	Sandy shale	1020	20
	Sand	1046	26
	Shale	1097	51
	Sand & shale sts.	1127	30
	Shale & sand sts.	1161	34
	Rock	1162	1
	Shale & rock	1164	2
	Shale	1200	36

DRILLERS REMARKS: FEB 6 - 1970
MISS. Bd. OF WATER COM.

Note: This appears to be Q-13 - not Q-3

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY PANOLA

Asa Quad
U.S.G.S. E-log# 2

WELL OWNER	Tenn. Gas Co. #7	<u>CHECKED</u>
U.S.G.S. NO.	Q-13	11/9/94
B.O.H. NO	None	11/9/94
OLWR NO.	MS-GW-01944	11/9/94

LOCATION:

MAP NW, NE, NE, NE S 19, T 95, R 8W 11/9/94

GPS _____

ELEV. (MSL) 175' 11/9/94

W.L. (L.S.) (1) - 32.98' 11/9/94

(2) - 32.98' 11/9/94

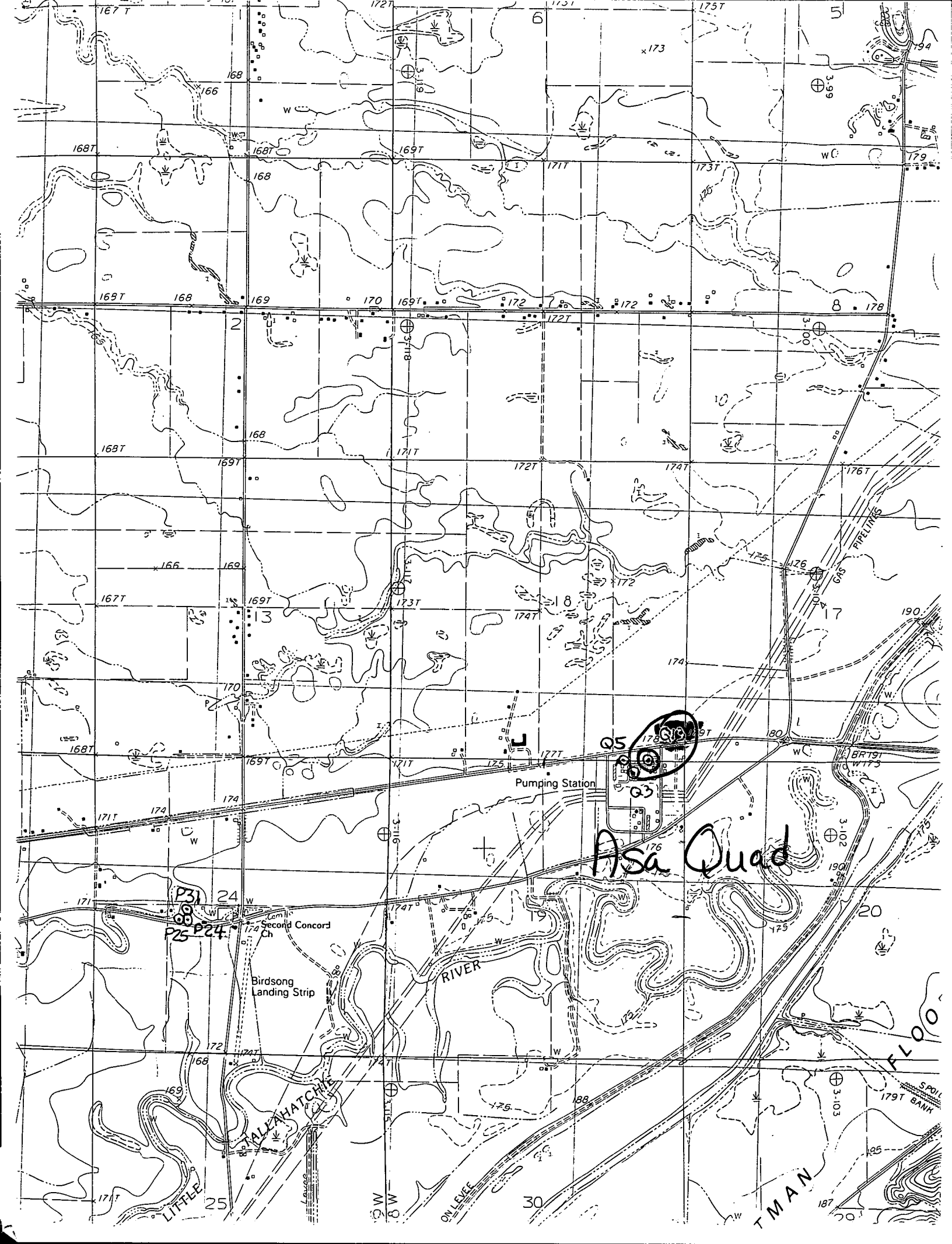
HEAD (MSL) + 142.02' 11/9/94

SCREENED INTERVAL 1,006' - 1,046' (LS) / -831' - -871' (MSL) 11/9/94

AQUIFER VERIFIED Lower Wilcox 11/9/94

PREVIOUS W.L. + 5' (1970) 11/9/94

DATA ENTERED _____



Asa Quad

Pumping Station

RIVER

TALLAHATCHEE

LITTLE

SPILL
179T BANK

T MAN

Cam II
174 Second Concord
Ch

Birdsong
Landing Strip

PIPELINES
GAS

05

03

04

P31

P25

P24

25

24

30

20

168T

169T

168T

167T

168T

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171T

168

169

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