WRD Exp. (GW)
April 1966

Well No. D4 Marcella APR 4 1975

WELL SCHEDULE

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

MASTER CARD

Record by P. D. Source of data Owner Date 3-71 Map

State [2] [3] County (or town) Humphreys [27]

Latitude: [33 11 08 N] Longitude: [090 21 48] Sequential number: [1]

Lat-long accuracy: [3] T. 16 N S, R 2 E W Sec 36, Irreg. ¼, SW ¼, SW ¼ B & M

Local well number: [D 004 C C 36 1 6 N 02 W] Other number:

Local use: [19 0] Owner or name:

Owner or name: [P H WILLIAMS] Address: Belzoni

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [1]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [M]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [W]

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

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

Freq. sampling: [ ] Pumpage inventory: yes no, period: [ ]

Aperture cards: yes [ ]

Log data: [D]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: [1511] ft Meas. rept accuracy [3]

Depth cased: (first perf.) [1471] ft Casing type: [Pvc]; Diam. [4-½] in [4]

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

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

Date Drilled: [7 71] Pump intake setting: ft

Driller: [Nuzz] (name), (address)

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

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LP, wind; H.P. [ ] Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: [5] Accuracy: (source) topo [4]

Water Level 38 ft above below MP; Ft above below LSD [738] Accuracy: [D]

Date meas: [7 71] Yield: [50] gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. D4

Well No. D

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19) Physiographic Province: 03 (20–21) Section:

E (22) Drainage Basin: 15J (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat (27)

MAJOR AQUIFER: ____ system, ____ series, TE (28–29) ____ aquifer, formation, group, MW (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: 108 ft

(35–37) Length of well open to: ____ ft, 40 (38–40) Depth to top of: 1422 ft, 142 (41–43)

MINOR AQUIFER: ____ system, ____ series, (44–45) ____ aquifer, formation, group, (46–47)

Lithology: (48–49) Origin: (50) Aquifer Thickness: ____ ft

(51–53) Length of well open to: ____ ft, (54–56) Depth to top of: ____ ft, (57–59)

Intervals Screened: 2½" S.S.

Depth to consolidated rock: ____ ft, (60–63) Source of data: (64)

Depth to basement: ____ ft, (65–68) Source of data: (69)

Surficial material: (70–71) Infiltration characteristics: (72)

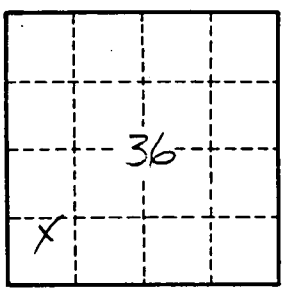
Coefficient Trans: ____ gpd/ft, (73–75) Coefficient Storage: (76–78)

Coefficient Perm: ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: (79)

105' 4"

1425' 2"

40' screen



Well No. D

GPO 857–700

HUMPHREY
D 4
3-12-71

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

CODED

WATER WELL DRILLERS LOG

DYER WELL & IRRIGATION SERVICE — Humphrey

3/12/71 19 — date well completed — firm name — county well located

LANDOWNER:
P. H WILLIAMS
R.R. BELZONI, MISS
(mailing address)

WELL LOCATION:
sec. 36 T 16 N ~~S~~ R 2 ~~E~~ W
7½ miles EAST of BELZONI
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 4" X 2½'

(2) total depth (feet) 1511

(3) static water level (feet) 38 PSI below (above) top of ground.

(4) casing 4" BLK. 2½" BLK / (material) 1471 / (depth),
4" X 2½" / (size) If telescope see back.

(5) screen 40' / (length) 1471 / (depth to top)
2½ / (size), STAINLESS STEEL / (material)

(6) pump NONE / (HP) 50 / (yield gpm)
NONE / (type power)

(7) electric log NO / (yes or no)
(organization running log)

(8) how well bottom plugged BACK WASH VALVE

DRILLERS REMARKS:

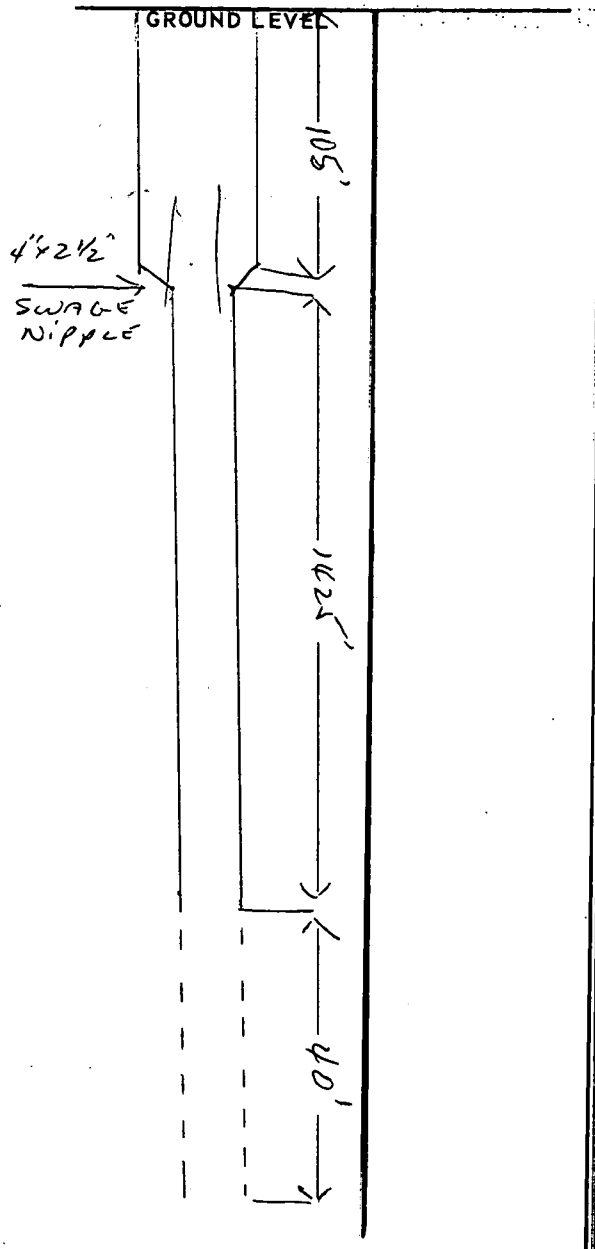
description of formations encountered	from	to
CLAY	0	34
SAND	34	39
CLAY	39	100
GRAVEL	100	130
SAND & CLAY	130	190
CLAY	190	240
SHALE	240	302
SAND & CLAY	302	460
SHALE	460	490
SAND	490	600
CLAY	600	660
SAND & CLAY	660	850
CLAY	850	1050
SAND & CLAY	1050	1150
CLAY	1150	1352
SAND & CLAY	1352	1422
SAND	1422	1530

CODED

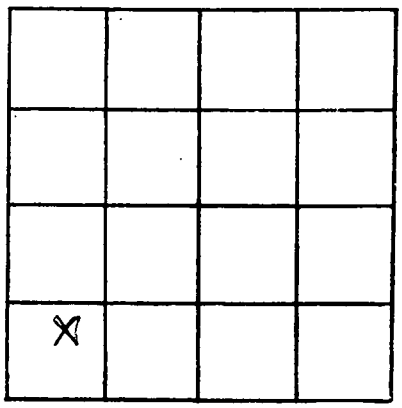
MAR 22 1971

MISS. BD. OF WATER COMM'R.

If well telescopes please sketch and show depths.



If more than one screen, show locations of each on sketch.



SECTION 36

Please indicate well location X.

ADDITIONAL INFORMATION

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HUMPHREYS — Marcella Quad

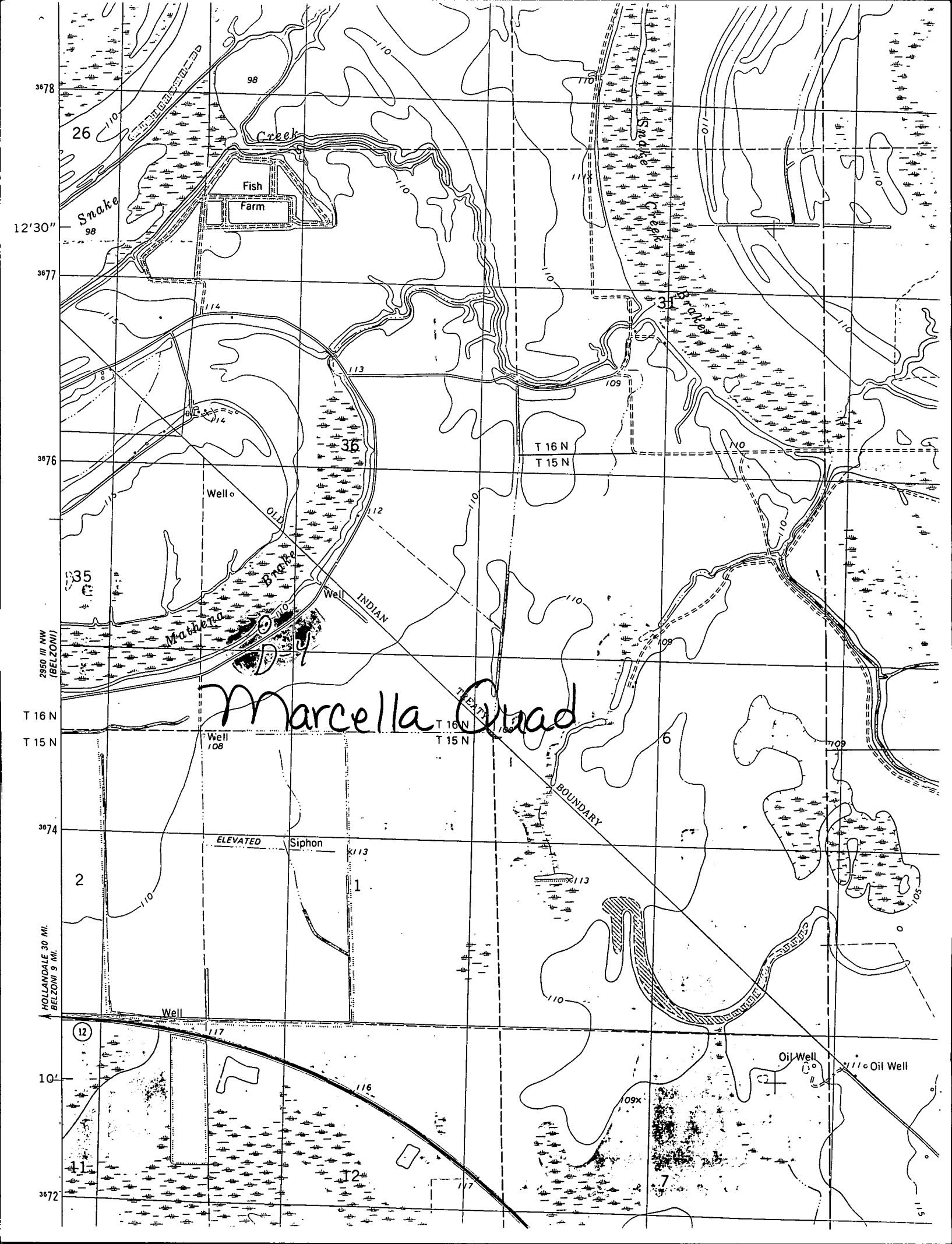
		CHECKED
WELL OWNER	H. P. Williams	
U.S.G.S. NO.	D-4	1/11/95
B.O.H. NO	N/A	1/11/95
OLWR NO.		

LOCATION:

Irregular section

MAP	SW S 36, T 16N, R2W	1/11/95
GPS		

ELEV. (MSL)	115'	1/11/95
W.L. (L.S.) (1)	+45'	1/11/95
(2)		
HEAD (MSL)	+160'	1/11/95
SCREENED INTERVAL	1,471' — 1,511' (L.S.) / -1,356' — -1,396' (MSL)	1/11/95
AQUIFER VERIFIED	Meridian - Upper Wilcox	1/11/95
PREVIOUS W.L.	+38' (1971)	1/11/95
DATA ENTERED		


Marcella Quad
Fish Farm
Snake Creek
Snake Brake
Old Indian Treaty Boundary
Well
Oil Well
T 16 N
T 15 N
ELEVATED
Siphon
HOLLANDALE 30 MI.
BELZONI 9 MI.
2950 III NW (BELZONI)
12'30"