GW00269 (T)

190

FORM 9-1642
(1-68)

Well No. Q 49 MS-GW-00269

PUNCHED

WELL SCHEDULE

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

MASTER CARD

Record by JCM Source of data BOWC Date 9-71 Map

State 42 County (or town) Monroe 28

Latitude: 33 43 54 N Longitude: 088 27 03 Sequential number: 6

Lat-long accuracy: 3 T 15S R 1W Sec ~~27~~ 30, NW, SW

Local well number: Q 04 4 BC 2 A 1 S S 1 W Other number: #6 B & M

Local use: 04

Owner or name: KERR MCGEE Owner or name: Farm Advocacy Potash

Address:

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

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 N

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

DATA AVAILABLE: Well data Freq. W/L meas.: Ø 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: ft 427 Meas. rept accuracy 3

Depth cased (first perf.): ft 382 Casing type: ; Diam. 16 in 16

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, (S) sd. pt., (T) shored, (U) open hole, (Z) other 5

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 7

Date Drilled: 9 6 2 Pump intake setting: ft

Driller: Layne

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

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

Descrip. MP 210 ft above below LSD, Alt. MP

Alt. LSD: 215 Accuracy: (source) 5

Water Level ft above below MP; Ft above below LSD 27 Accuracy: D

Date meas: 3 6 2 Yield: gpm 200 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.

8/14/91

135.00
11.92
123.08 mp
-1.60
121.48

Well No. Q-49

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:

D (22) Drainage Basin: 13L (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series K3 (28–29) aquifer, formation, group GØ (30–31)

Lithology: 05 (32–33) Origin: 2 (34) Aquifer Thickness: 81 ft

(35–37) Length of well open to: ft 45 (38–40) Depth to top of: ft 363 (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: 101

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)

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Well No. Q-49

GPO 937-142

MONROE
Q-49
3-22-62

MISSISSIPPI BOARD OF WATER COMMISSIONERS Q-30

WATER WELL DRILLERS LOG CODED

Date: 3-22-, 1962, Driller: Layne-Central Co. County
(Name)

MS-GW-01269

(1) Owner of Land: American Potash Co.
(Name)

Hamilton, Mississippi
(Address)

(2) Location: ¼, ¼, Sec. T R,

miles, of,
(distance) (direction) (Nearest Town)

(3) Topography:
(Hilly) (Flat) (Level)

(4) Purpose of Well: Industrial
(Domestic Irrigation Municipal, Industrial, Other)

Information upon completion of well:

(1) Diameter 16" inches.

(2) Total Depth 440' feet.

(3) Water Level 27' feet below top of ground.

(4) Cased to 382', Size 16",

(5) Screen: Size 10", Length 45'.

(6) Were any formations sealed against pollution?

x yes, no.

If YES depth of formation 382',

Why Required

Drillers Remarks:

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thickness Feet	Depth Feet
clay	12	0
sand-gravel	11	23
blue shale	19	42
blue clay	48	90
sandy clay	45	135
clay	68	203
sandy shale	47	250
sand	58	308
tough clay	38	346
pk sand-gravel	17	363
pk sand gravel	23	386
pk sand "	24	410
pk sand "	22	432
pk sand "	12	444
clay	21	465
sandy clay	43	508
tough clay	103	611
rock	2	613
sandy clay	5	618
sand	19	637
hard sandy formation	19	656
rock	4	660
hard formation	18	678
hard formation-shale limestone	455	1133

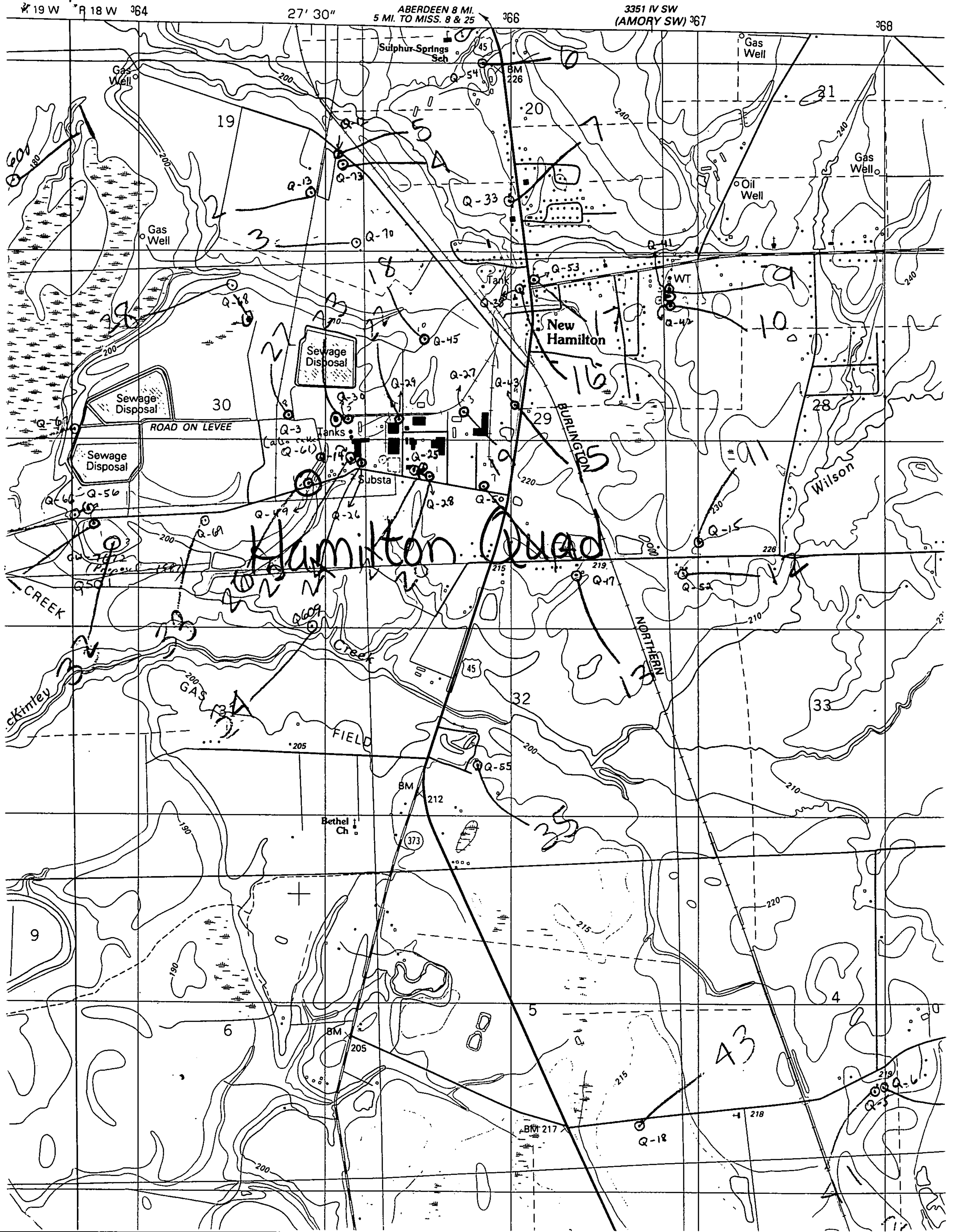
CODED

RECEIVED MAR 26 1962 MISS. BOARD OF WATER COMM.

(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.



R 19 W
R 18 W
364
27′ 30″
ABERDEEN 8 MI.
5 MI. TO MISS. 8 & 25
366
3351 IV SW
(AMORY SW)
367
368
Sulphur Springs Sch
BM 226
Gas Well
Oil Well
19
20
21
New Hamilton
Tank
WT
Sewage Disposal
ROAD ON LEVEE
30
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Tanks
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BURLINGTON
NORTHERN
Wilson
CREEK
Creek
cKinley
GAS
FIELD
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33
BM 212
Bethel Ch
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BM 205
BM 217
218
219
228
Hamilton Quad
Q-54
Q-13
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Q-69
Q-15
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Q-52
Q-55
Q-18