

WELL SCHEDULE

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

MASTER CARD

Record by J.S. Source of data BOWE Date 12/69 Map County Monroe State 28 Sequential number 48 Latitude 334354N Longitude 0882703 Lat-long accuracy 30 T 150 R 180 Sec 29 NE SW NW Local well number Q045 2915 S 17 W Other number #10 Local use 064 Owner or name KERR-MEGEE Address Hamilton, Mo Ownership County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist Use of water Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec Stock, Instit, Unused, Recharge, Desal-P S, Desal-other Use of well Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed DATA AVAILABLE: Well data, Freq. W/L meas, Field aquifer char, Hyd. lab. data, Qual. water data, type, Freq. sampling, Pumpage inventory, Aperture cards, Log data

PUNCHED

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well 70-411 ft 40.5 Meas. rept accuracy 24 3 Depth cased (first perf.) 3 ft 3.50 Casing type Steel Diam. 16 Finish porous gravel v. gravel v. horiz. open (P) (S) (T) (W) (X) (B) Method (A) (B) (C) (D) (H) (J) (R) (T) (V) (W) (B) Date drilled 9/69 Pump intake setting ft 36 38 Driller Layne Coitwal Lift (type) air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 39 Shallow 40 Power (type) diesel, elec, gas, gasoline, hand, gas, wind, H.P. 150 W Trans. or meter no. Descrip. MP ft above/below LSD, Alt. MP Alt. LSD 215 Accuracy (source) 20' CT Water Level 76 ft above/below MP; Ft below LSD 76 Accuracy 57 D Date meas 0.69 Yield gpm 1600 Method determined 61 Drawdown ft Accuracy Pumping period hrs 66 68 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.

Q 45

Well No. Q 45

Latitude-longitude _____ N _____ S _____ d _____ m _____ s

bunch

HYDROGEOLOGIC CARD

18 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____

22 Drainage Basin: D 23 24 Subbasin: 13L _____ 26

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

MAJOR AQUIFER: 28 system 29 series K3 30 aquifer, formation, group GΦ 31

Lithology: 32 U.S. 33 Origin: 34 2 Aquifer Thickness: 69 ft
35 Length of well open to: _____ ft 36 55 37 Depth to top of: 38 344 39

MINOR AQUIFER: 40 system 41 series _____ 42 aquifer, formation, group _____ 43 44 47

Lithology: 48 _____ 49 Origin: 50 _____ Aquifer Thickness: _____ ft
51 Length of well open to: _____ ft 52 _____ 53 Depth to top of: 54 _____ 55 _____ 56 _____ 57 _____ 58 _____ 59

60 Intervals Screened: 10" SS

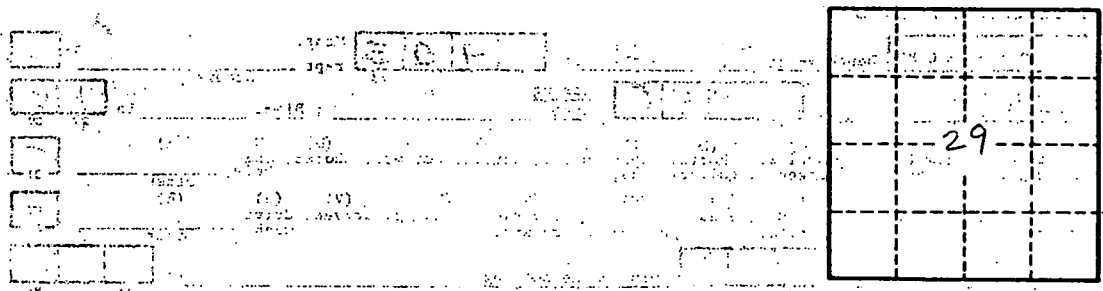
61 Depth to consolidated rock: _____ ft 62 _____ 63 Source of data: _____ 64

65 Depth to basement: _____ ft 66 _____ 67 Source of data: _____ 68

69 Surficial material: 70 _____ 71 Infiltration characteristics: _____ 72

73 Coefficient Trans: _____ gpd/ft 74 _____ 75 Coefficient Storage: _____ 76 _____ 77

78 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Monroe
Q 45
10-17-69

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

CODED

WATER WELL DRILLERS LOG

Monroe

October 17, 1969 Layne-Central Company
 date well completed firm name county well located

LANDOWNER: <u>MS-GU-1002</u> American Potash Corporation Hamilton, Mississippi (mailing address)	description of formations encountered	from	to
	Sandy clay	23	11
	Blue sandy clay	144	121
WELL LOCATION: sec. <u>29</u> T <u>15</u> S R <u>19</u> W	Rock	145	1
	Sandy clay	189	44
	Sandy clay	201	12
	Sandy clay	260	59
(distance) miles _____ of _____ (direction) (nearest town)	Sand	270	10
WELL PURPOSE: <u>Industrial</u> (home, irrigation, municipal, industrial)	Shale-sand sts.	302	32
	Rock	303	1
WELL COMPLETION DATA:	Shale	314	11
(1) diameter (inches) <u>16"</u>	Rock	315	1
(2) total depth (feet) <u>411'</u>	Shale sand sts.	330	15
(3) static water level (feet) <u>76</u> below above top of ground.	Sand	340	10
(4) casing <u>steel</u> , <u>345'</u> (material) (depth)	Clay	344	4
<u>16"</u> (size) if telescope see back.	Sand	360	16
(5) screen <u>55'</u> <u>350'</u> (length) (depth to top)	Pk. sand	386	26
<u>10"</u> (size), <u>s.s. shutter</u> (material)	Pk. sand	405	19
(6) pump <u>150</u> <u>1600</u> (HP) (yield gpm)	Tough clay	440	35
<u>electric</u> (type power)			
(7) electric log <u>no</u> (yes or no)			
_____ (organization running log)			
(8) how well bottom plugged _____			
DRILLERS REMARKS:			

NOV 24 1969

MISS. BD. OF WATER

