

cm clay  
I.M.C.  
E11 Box 78  
Smithville, Miss

WRD Exp. (GW)  
April 1966

Well No. P28

WELL SCHEDULE

E109#53 **PUNCHED**  
Aberdeen  
115-D

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MAR 11 1973

MASTER CARD

Record by P.E. Grantham Source of data Dr. v. d. E Log Date 8-29-68 Map Aberdeen Quad

State Mississippi County Monroe (or town) 28 Sequential number: 48

Latitude: 33 46 09 N Longitude: 08 83 42 3 Sequential number: 1

Lat-long accuracy: 15 R 7 16 SW SE SW

Local well number: P028DC1615S07E Other number: \_\_\_\_\_ B & M

Local use: \_\_\_\_\_ Owner or name: International Mineral + Chemical

Owner or name: INTERNATIONAL MINERAL + CHEMICAL Address: Aberdeen, Miss

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: \_\_\_\_\_

Stock, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other N

Use of (A) (D) (C) (H) (P) (R) (T) (U) (W) (X) (Z) well: \_\_\_\_\_ W

Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: \_\_\_\_\_ 73

Qual. water data; type: \_\_\_\_\_ 74

Freq. sampling: \_\_\_\_\_ Pumpage inventory: 75 yes no. period: \_\_\_\_\_ 76

Aperture cards: \_\_\_\_\_ 77 yes

Log data: E-Log 240-517 78 79 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 437-457 ft Meas. rept 457 accuracy 3

Depth cased; (first perf.) 312 to 332 ft Casing type: Steel Diam. 4"x2 in 4

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

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

Date Drilled: 8-68 9-6-8 Pump intake setting: \_\_\_\_\_ ft 30 31

Driller: Herndon-Honnan Drlg Co., Shannon, Miss

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (B) Deep Shallow S 40

(type): air, bucket, cent, jet, multiple, multiple, nose, piston, rot, submerg, turb, other 3 T Trans. or meter no. \_\_\_\_\_

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 3 41

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

Alt. LSD: 280 280 Accuracy: 10' CI 4

Water Level \_\_\_\_\_ ft above below MP; Ft below LSD 83 Accuracy: \_\_\_\_\_ 57 D

Date meas: D:6:8 Yield: \_\_\_\_\_ gpm 30 Method determined \_\_\_\_\_ 61

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hr \_\_\_\_\_ 62 63

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm 64 65 66 67

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_ 68 69

Taste, color, etc. \_\_\_\_\_ 70 71

9/4/91  
150.00  
30.36  
119.64

mp = hole at g. level

Well No. P28

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Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Province: 03 Section: \_\_\_\_\_

Drainage Basin: D Subbasin: 13L

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

MAJOR AQUIFER: system \_\_\_\_\_ series K3 aquifer, formation, group G0

Lithology: \_\_\_\_\_ Origin: U5 Aquifer Thickness: 2 ft

Length of well open to: 235 ft Depth to top of: 40 ft 296 ft

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

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ ft

Intervals Screened: 312-322 + 437-457

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

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

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

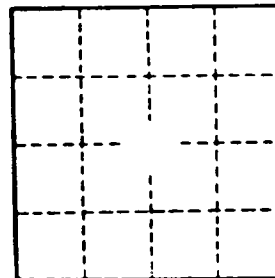
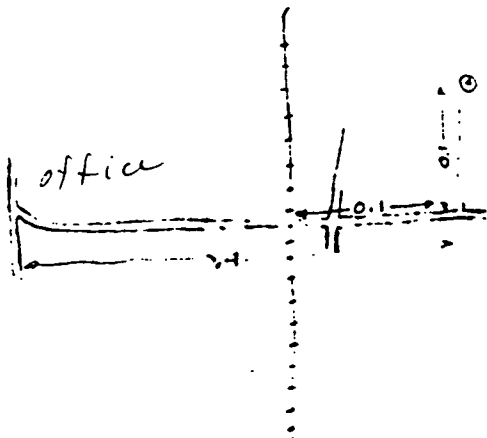
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

Split Screen Intervals

10

NA



Well No.

P28

5/20/88

no opening around casing

Monroe  
 P 2120 E Log 53  
 12-9-68  
 U.S.G.S.

MISSISSIPPI BOARD OF WATER COMMISSIONERS CODED

CODED

WATER WELL DRILLERS LOG

Herndon-Horlan Well & Supply, Inc.

Date: 12-9, 1968, Driller: P. O. Box 42 County Monroe  
 (When well drilled) BRANNON, MISSISSIPPI 38806 (Where well is located)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land:	Int. Minerals Corp. (Name) Smithville, Miss (Address)	0-17 red clay		
(2) Location:	SW 1/4 SE SW 1/4, Sec 16 T15 R7A miles SW of Abbeville (distance) (direction) (Nearest Town)	17-143 blue clay		
(3) Topography:	Flat (Hilly) (Flat) (Level)	143-185 - red clay blue clay		
(4) Purpose of Well:	Plant (Domestic Irrigation Municipal, Industrial, Other)	185-260 blue clay		
		260-297 tight sand		
		297-332 sand (screen)		
		332-440 tight sand		
		440-460 sand (screen)		
		460-520 tight sand & shale		

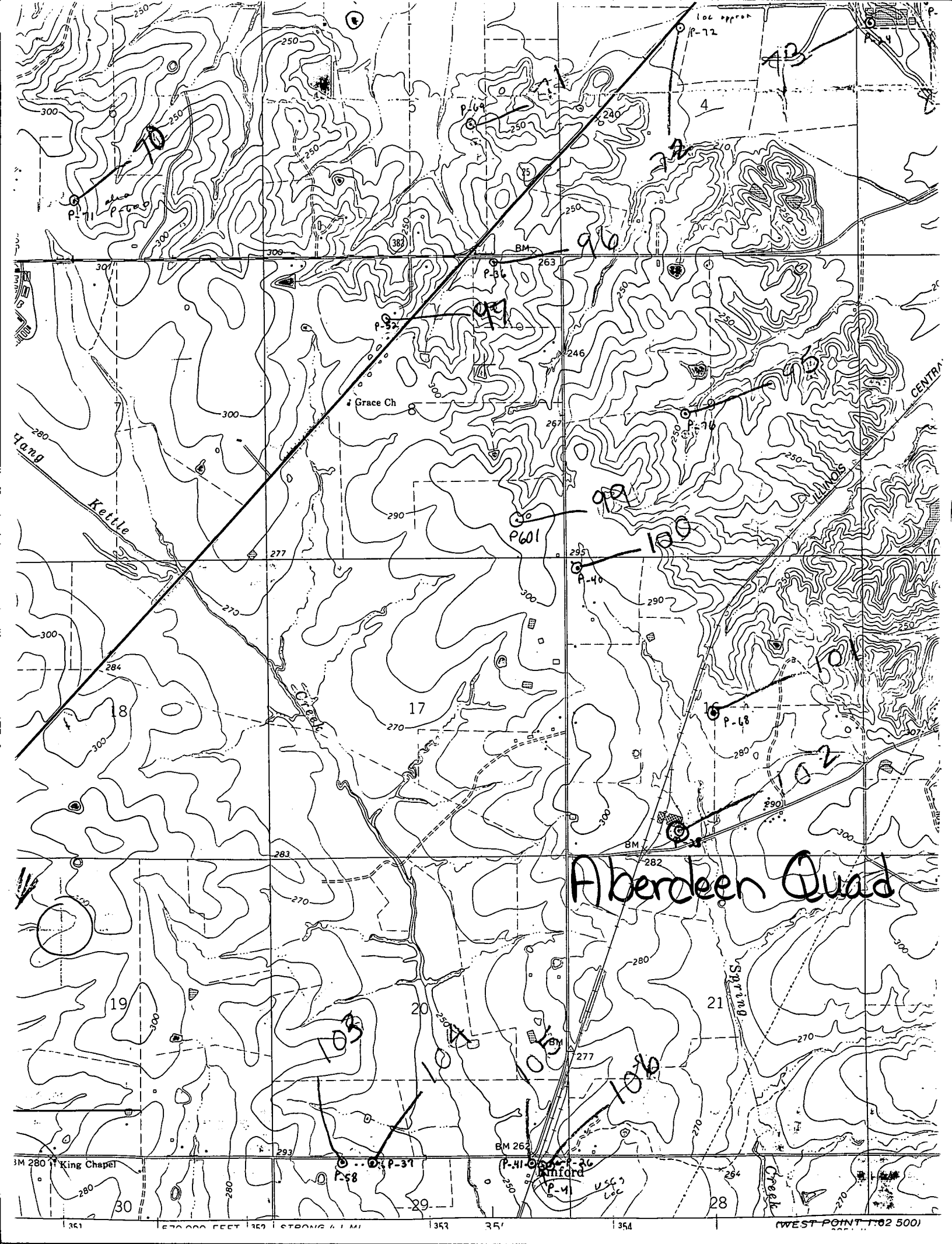
Information upon completion of well:

- (1) Diameter 4 inches.
- (2) Total Depth 520 feet.
- (3) Water Level 83 feet below top of ground.
- (4) Cased to 231', Size 2"
- (5) Screen: Size 2", Length 42'
- (6) Were any formations sealed against pollution?  
 yes,  no.

If YES depth of formation \_\_\_\_\_  
 Why: Impure sand  
 Drillers Remarks: Logged by USGS  
 Yield in gpm: 30  
 Size pump: 3 HP  
 Type power: electric

FEB - 3 1969  
 MISS. BD. OF  
 WATER COMMISSIONERS

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



# Aberdeen Quad

BM 280 King Chapel

BM 262  
P-41  
P-26  
P-4  
USGS  
Loc

WEST POINT 1:62 5001

1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500