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**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH**

WELL SCHEDULE

Date Aug. 17, 1954 Air Base #1
Field No. _____
Office No. A-9
Record by E.H. Boswell
Source of data Files & Records

1. Location: State Miss County Lauderdale
Map Lauderdale County

SE 1/4 SE 1/4 NE 1/4 32 T 16 N R 18 E W
4530' Bearing 55°45' from SW corner of Sec. 32
2. Owner: Columbus AF Base Address Columbus Miss

Tenant _____ Address _____
Driller Layne Central Co Address Memphis Tenn

3. Topography Valley

4. Elevation 200 ft. ^{APP} above MSL

5. Type: Dug (drilled) driven, bored, jetted _____ 1941?

6. Depth: Rept. 475 ft. Meas. 1 ft.

7. Casing: Diam. 18 in., to _____ in., Type _____
Depth 408 ft., Finish 10" screen 40' 5" / in
Gravel wall 32"

8. Chief Aquifer Tuscaloosa From 414 ft. to 475 ft.

Others _____

9. Water level 19 ft. ^{rept} 11-24 ^{meas} 19-41 ^{above} 1sd? ^{below}
_____ which is _____ ft. above surface
_____ below

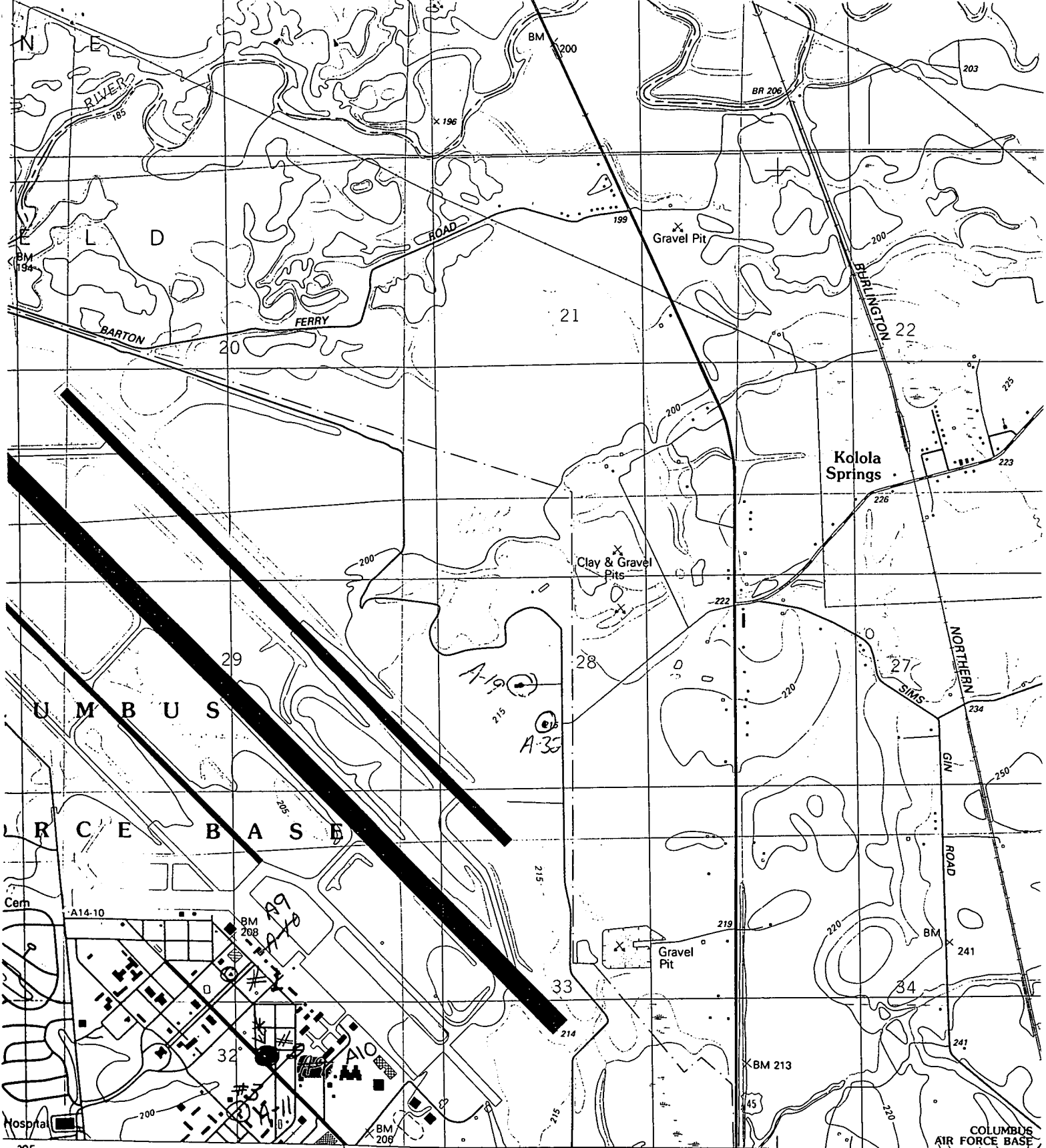
10. Pump: Type Turbine Capacity _____ G. M.
Power: Kind Elec Horsepower _____

11. Yield: Flow 60 G. M., Pump 400 to 500 G. M. (Meas.) Rept. Est. 1941
Drawdown _____ ft. after _____ hours pumping _____ G. M.

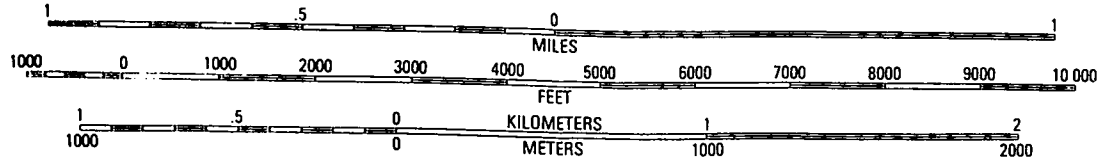
12. Use: Tests in Files Dom., Stock, PS., RR., Ind., Irr., Obs. Military
Adequacy, permanence _____

13. Quality High iron content Temp _____ °F.
Taste, odor, color _____ Sample (Yes) No 1941
Unfit for _____

14. Remarks: (Log, Analyses, etc.) Complete data in files



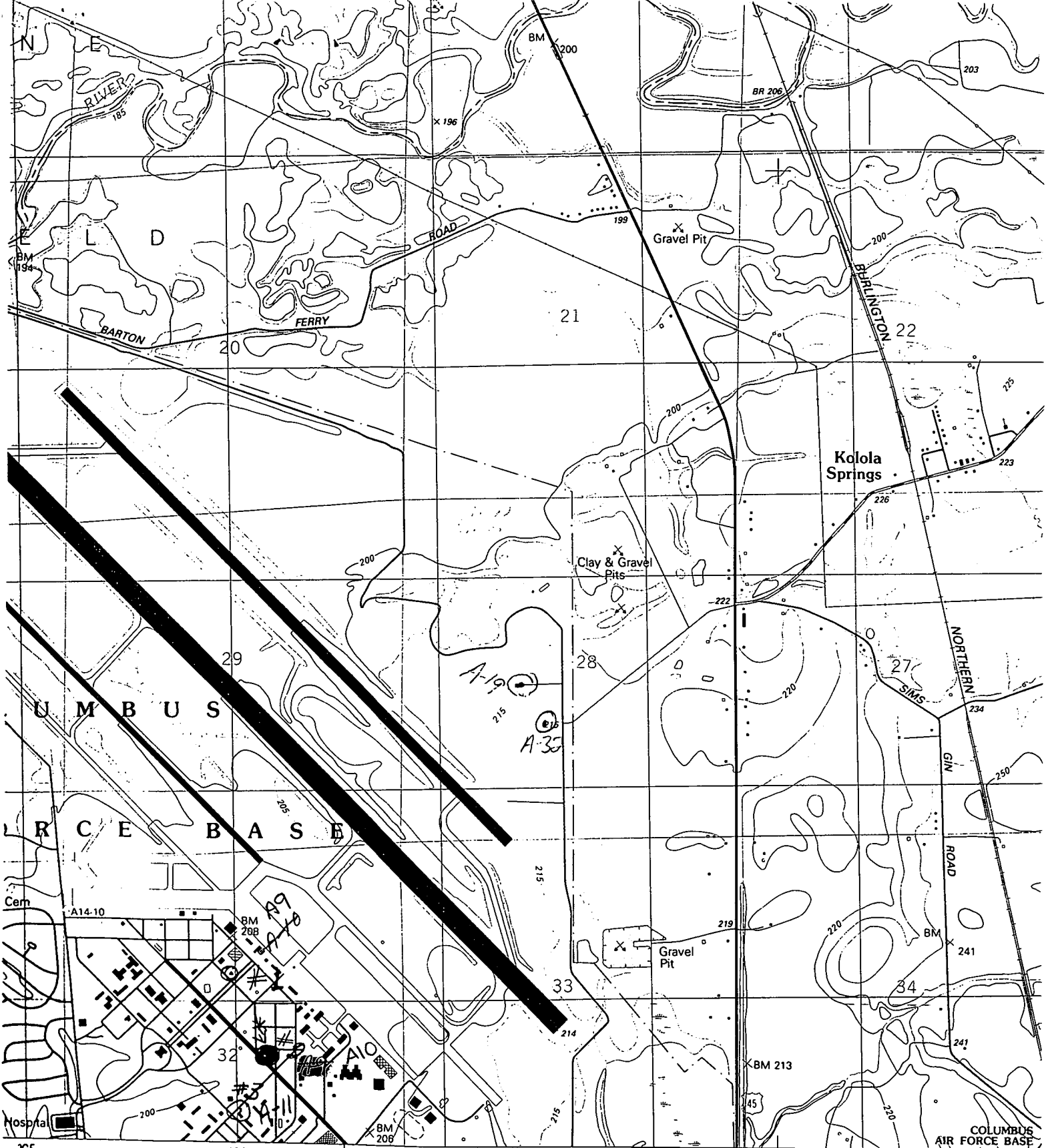
SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
 SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929



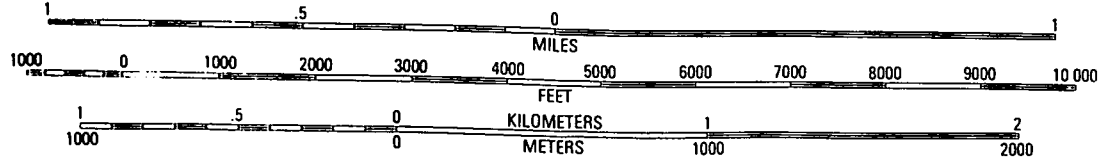
QUADRANGLE LOCATION



(COLUMBUS NORTH) 367
3351 III SW

8 MI. TO MISS. 50
COLUMBUS (U. S. 82) 10 MI.

SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW FROM THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

IAN 3 1 1996

This box is for office use only.

Dept. of Environmental Quality
FORM DWLW-AP-2 (REV. 8/94) Insurance

Issued:	Expires:	Fee Paid:	Permit No.
Lat.	Long.	Elev.	USGS No.
Quad.	ASCS Farm No.	STAC.	MSDOH No.
Aquifer:	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): **NEW PERMIT** ~~RENEWAL~~ - PERMIT NO. MS-GW-01827

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E ~~Close do not renew~~
SURFACE WATER - COMPLETE A,C,D,E renew

BENEFICIAL USE (Circle one or more): 1 Public Supply - Municipal Rural Water, or Private Water 2) Irrigation
3 Industrial 4) Fish Culture 5 Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8 Fire Protection 9) Livestock 10) Flood Protection 11) Other: _____

**This is standby well.

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Columbus Air Force Base (U.S. Air Force Installation)
(Name) (SSN or Tax ID No.)

U.S. Highway 45 N.
(Address)

Columbus AFB Mississippi 39701-1000 (601) 434-7222/7739
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

SAME
(Name) (SSN or Tax ID No.)

(Address)

(City)

(State & Zip)

(Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SW 1/4 of the NE 1/4 of Section 32, Township 16S, Range 18W, County Lowndes

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. MSGW 1828 MSGW 1829
MSGW 14391(13079) MSGW 1830 (standby)

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Tuscaloosa MISSISSIPPI DEPARTMENT OF HEALTH NO.: 0440018-01

2. Proposed work will begin on _____, 19____, and will be completed by _____, 19____.
If well has already been drilled, when was well completed (date)? _____, 19 41. Under whose name was well originally drilled (if known)? _____

3. Description of proposed or completed well:
(a) DEPTH OF WELL: 455 feet. DRILLER: Layne Central, Memphis TN
(b) SURFACE CASING: Length 307.75 feet; Diameter 18 inches; Type Iron
(c) SCREEN: Length 40'5" feet; Diameter 10 inches; Type Stainless Steel Shutter
(d) PUMP: Type Shaft driven Size _____; Capacity 400 gallons per minute; Setting depth 180 feet
(e) POWER UNIT: Type _____; Size _____ horsepower

4. PERMITTED VOLUME :
(a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
* (b) 0.58 million gallons per day at a maximum rate of 400 gallons per minute

Well is standby, calculated potential use.

(CONTINUED ON BACK)