

Coded By BRR 7/96 U.S. GEOLOGICAL SURVEY
Checked By JPA 2-20-97 WATER RESOURCES DIVISION
Entered By JPA MISSISSIPPI DISTRICT
Date 7/97

E-Log No. 62
County DE SOTO
Agency 30A

Well No. G76
30A

WELL RECORD

Pleasant Hill
Quad

Agency Code: UISGIS Site Id: 134570170895359011 Project No.: 5111111111

Station Name: 12:G1017161 PILEIASIAWITI HILLIZI IN IA 11 Latitude: 345707 Longitude: 1008953591

Lat/Long Ac.: 11:5(2)TM Disc: 6=29 State: 7=29 County: 8=01313 ~~NW~~ and Net: 13:SWNW5101110121S1R1017W2

Location Map: 14: PILEIASIAWITI HILL 11 Altitude: 355 Mec/Meas: 17: A L (5) Accuracy: 18: 1 151 Hydrologic Unit: 20: 01810131021014

Agency Use: 303: A (1) Date inventoried: 711: / / Station Type: 4: / / / / / Data Type: 804: / / / / /

Instru.: 305: 806: / / / / / Remarks: WA Relia.: 5: C L M (1) 2(7)X

Date of Construction: 21: 01/12/01/1996 Well Use: 23: W Water Use: 24: P Primary: 714: (24)SPRT Hole Depth: 27: 1314

Well Depth: 29: 1292 Water Level: 30: 129 Water Level Date: 31: 10/10/1996 Method: 34: 1 Status: 37: 1 Source: 35: D

CONSTRUCTION DATA

Construction Date: 60: 10/10/1996 Contractor: 63: OR17 Name: J.W. WEBB Method: 65: H Finish: 66: G

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
<u>R=76 T=A 725#1 59#1 77: 1101</u>	<u>78: 12501</u>	<u>79: 116</u>
<u>R=76 T=A 725#2 59#1 77: 12101</u>	<u>78: 1252</u>	<u>79: 101</u>

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>R=32 T=A 726#1 59#1 83: 1252</u>	<u>84: 1292</u>	<u>37: 119</u>	<u>85: S</u>	<u>89: / / /</u>	<u>88: 10415</u>
<u>R=32 T=A 726#2 59#1 83: / / /</u>	<u>84: / / /</u>	<u>87: / / /</u>	<u>85: 1</u>	<u>89: / / /</u>	<u>88: / / /</u>

CONSTRUCTION LIFT DATA

Lift Type: R=32 T=A 254#1 43: / / Date: 38: 10/10/1996 Intake: 44: 12101

Power: 45: E H.P.: 46: / / / Serial No.: 49: / / / / /

MISCELLANEOUS OWNER DATA

Date of Ownership: 159: 10/10/1996 Owner Name: 161: PILEIASIAWITI HILLIZI IN IA

MISCELLANEOUS OTHER ID DATA

E-Log No.: 171: / / / Assigner: 172: / / / / /

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement	Acuifer Sampled	Temp	Value
1934	7/7	195	196J00010	197		
R=192	T=A	738#2	Date of Measurement	Acuifer Sampled	So Cond	Value
1934	7/7	195	196J00095	197		
R=192	T=A	738#3	Date of Measurement	Acuifer Sampled	pH	Value
1934	7/7	195	196J00100	197		

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Loc Type	Sec. Depth	End Depth
1994	E	200	201	13814	
R=198	T=A	739#1	Loc Type	Sec. Depth	End Depth
1994	D	200	201	13010	

MISCELLANEOUS NETWORK DATA 706 = Qw WL wD *

R=118	T=A	730#1	Sec. Year	End Year	Agency Source	Freq.
1154	9	116	120	117	118	
R=121	T=A	730#2	Sec. Year	End Year	Agency Source	Freq.
1154	9	116	117	118		

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	Remarks
184		185		

DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	Type	Discharge	So. Capacity
148	10/10/1996	703	150	272	139		

GEOPHYROLOGIC DATA

R=60	T=A	721#1	Depth Top	Depth Bot.	Unit Id
91	1245	92	93	1245	304

@ 25 #

HYDRAULIC DATA

R=78	T=A	790#1	Unit Tested
100		103	

(33' dd @ 1,000 gpm)

The box below is for office use only.

SPRT

Issued: <u>7-23-96</u>	Expires: <u>7-23-2006</u>	Fee Paid: <input checked="" type="checkbox"/>	Permit No. <u>GW-15069</u>
Lat: <u>34-56-35</u>	Long: <u>89-53-59</u>	Elev: <u>355</u>	USGS No.
Quad: <u>Pleasant Hill</u>	Dist.		Basin No. <u>08030204</u>
STAC			Dam Inv. No.
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

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

This application is for (circle one): GROUNDWATER SURFACE WATER

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Rural Water Association Industrial
 Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby
 Fire Protection Flood Protection Other: _____

LANDOWNER:

Pleasant Hill Water Association, Inc. 62-0753353
 (Name) (S/S or Tax ID No.)
8590 Pleasant Hill Road
 (Address)
Olive Branch MS (601) 895 - 5135
 (City) (State and Zip) (Telephone Number)

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

DISCONTINUED
 (Name) (S/S or Tax ID No.)
MAR 11 1996
 (Address)
 (City) Dept. of Environmental Quality (State and Zip) (Telephone Number)
Office of Land & Water Resources

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

SW 1/4 of the NW 1/4 of Section 1, Township 2S, Range 7W, County DeSoto

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

- (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
- (b) 0.21 million gallons per day at a maximum rate of 750 gallons per minute
- (c) _____ acre feet of storage at normal pool
- (d) _____ per _____ at a maximum rate of _____

Construction of proposed work will begin on (date) April, 19 96 and will be completed by (date) June, 19 96.

Water will be used from (month) January to (month) December each year.

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 numbers.
200 GPM well - MSGW 02185; 200 GPM well - MSGW 02186; 500 GPM well - MSGW 7638

SECTION A (to be completed if application is for surface water source)

1. Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
2. Description of pump/diversion works:
 - (a) Pump (size and type): _____ Power Unit (size and type): _____
 Lift: _____ feet Maximum capacity: _____ gallons per minute.
 - (b) Name of storage reservoir: _____ Dam height: _____ feet.
 Surface area at normal pool: _____ acres. Storage capacity at normal pool: _____ acre-feet.

(Continued on back)

SECTION B (to be completed if application is for groundwater source)

- Source of water is Sparta aquifer.
- Description of proposed water well:
 - DEPTH OF WELL: 300 feet. DRILLER (name): _____
 - SURFACE CASING: Length: _____ feet. Diameter: 14 inches. Type: Steel
 - SCREEN: Length: 40 feet. Diameter: 8 inches. Type: Stainless Steel
 - PUMP: Type: Turbine. Size: _____ Capacity: 750 gallons per minute.
Number of stages: _____ Settling depth: _____ feet.
 - POWER UNIT: Type: Electric Motor. Size: _____ horsepower.
 - TYPE OF COMPLETION: Gravel Pack

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SEC-TION	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS		
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4			

- IRRIGATION: List the number of acres of each crop to be irrigated: Rice _____; Cotton _____; Soybeans _____; Corn _____; Pasture _____; Truck _____; Wheat _____; Oats _____; Grain sorghum _____; Other (specify) _____ Acres _____

- FISH CULTURE: Explain how water will be used: _____
How often will reservoir(s) be emptied and refilled? _____

- MUNICIPAL or WATER ASSOCIATION
Choose "a" or "b". (a) The number of people served is _____ (b) The number of connections/customers is 1300
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years? 0.52 MG 2001; 0.78 MG 2006; 1.17 MG 2011; 1.76 MG 2016
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

- INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; Location of release point in reference to diversion/withdrawal point _____
_____ Explain any change in quality of water to be released: _____
NPDES Permit No. _____
Explain how water will be used: _____
How much groundwater will be used for once-through non-contact cooling? _____

- RECREATION: Explain how water will be used: _____

- OTHER use: Explain in detail: _____

REMARKS: _____

List below the person to be contacted for additional information if required:

David G. Daniels, PE
(Name)
P.O. Box 308
(Address)
Oxford, MS 38655
(City, State, Zip)
601-234-1763
(Telephone)

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

David G. Daniels
(Signature)

Subscribed and sworn to before me this 8th day of March 1996 at Oxford
County of Kaufman. My commission expires January 11, 1997
Sandra J. Briggs Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

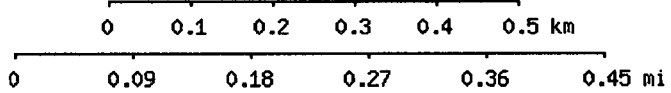
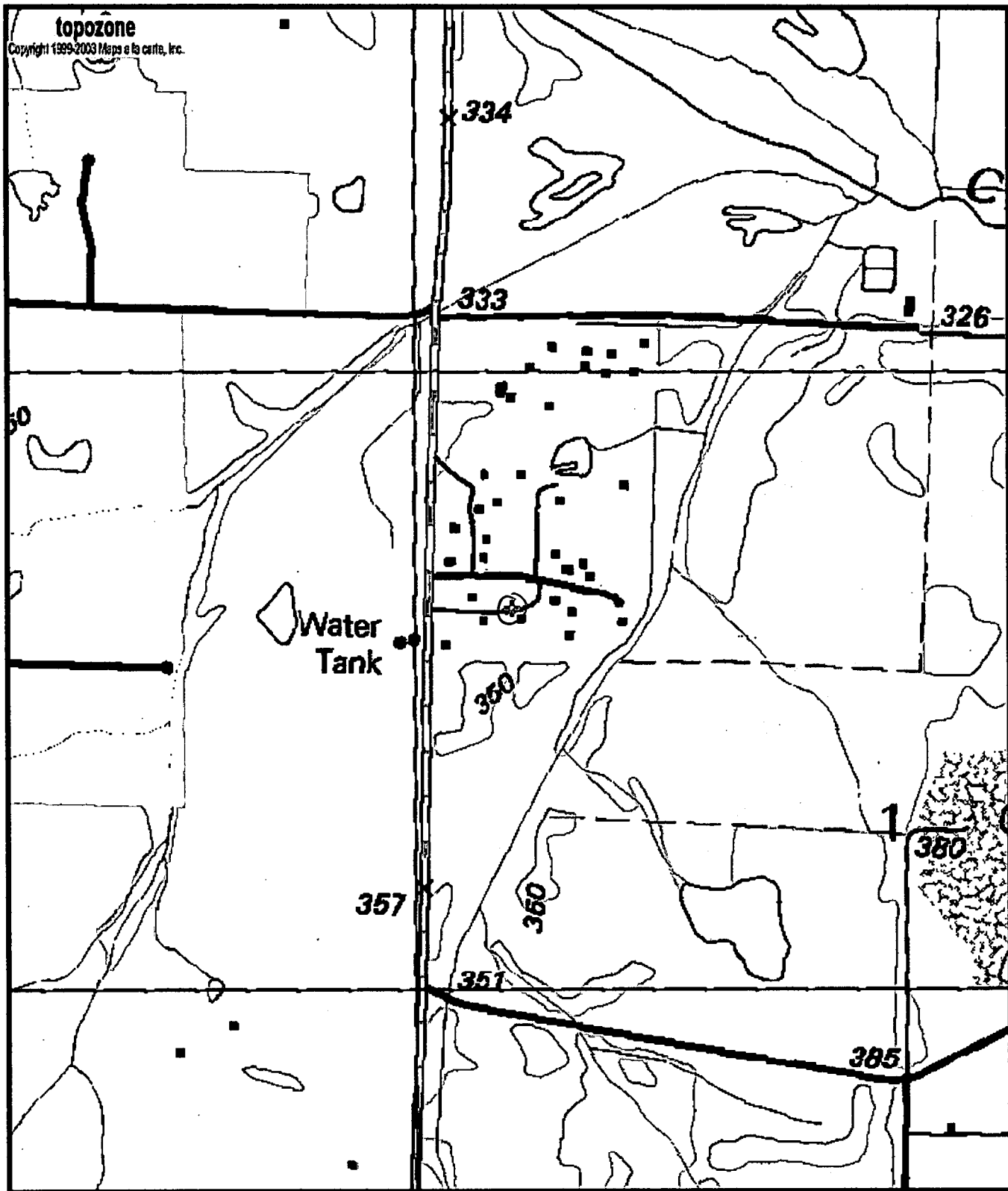
GPS LOG

USER NAME(S): Bishop & Grantham DATE: 7/24/96
UNIT DEQ #: _____ FILE #: B072419A
HEALTH DEPT. #: 170016-04 New Well ELEV. _____
USGS #: 676 OLWR #: MS-GW-15069
OWNER: Pleasant Hill Wtr Assoc QUAD: Pleasant Hill
LOCATION: NW/SW/NW S 1 T 25 R 7W COUNTY: Desoto
LOCATION DESCRIPTION: _____

CASING DIA: 16" PUMP TYPE & SIZE: NONE Yet new
GPS FIELD LOCATION: LAT. 34 56 36.9 LONG. 89 53 59.7
GPS CORRECTED LOCATION: LAT. 34.94360204 LONG. 89.89996594

REMARKS: _____

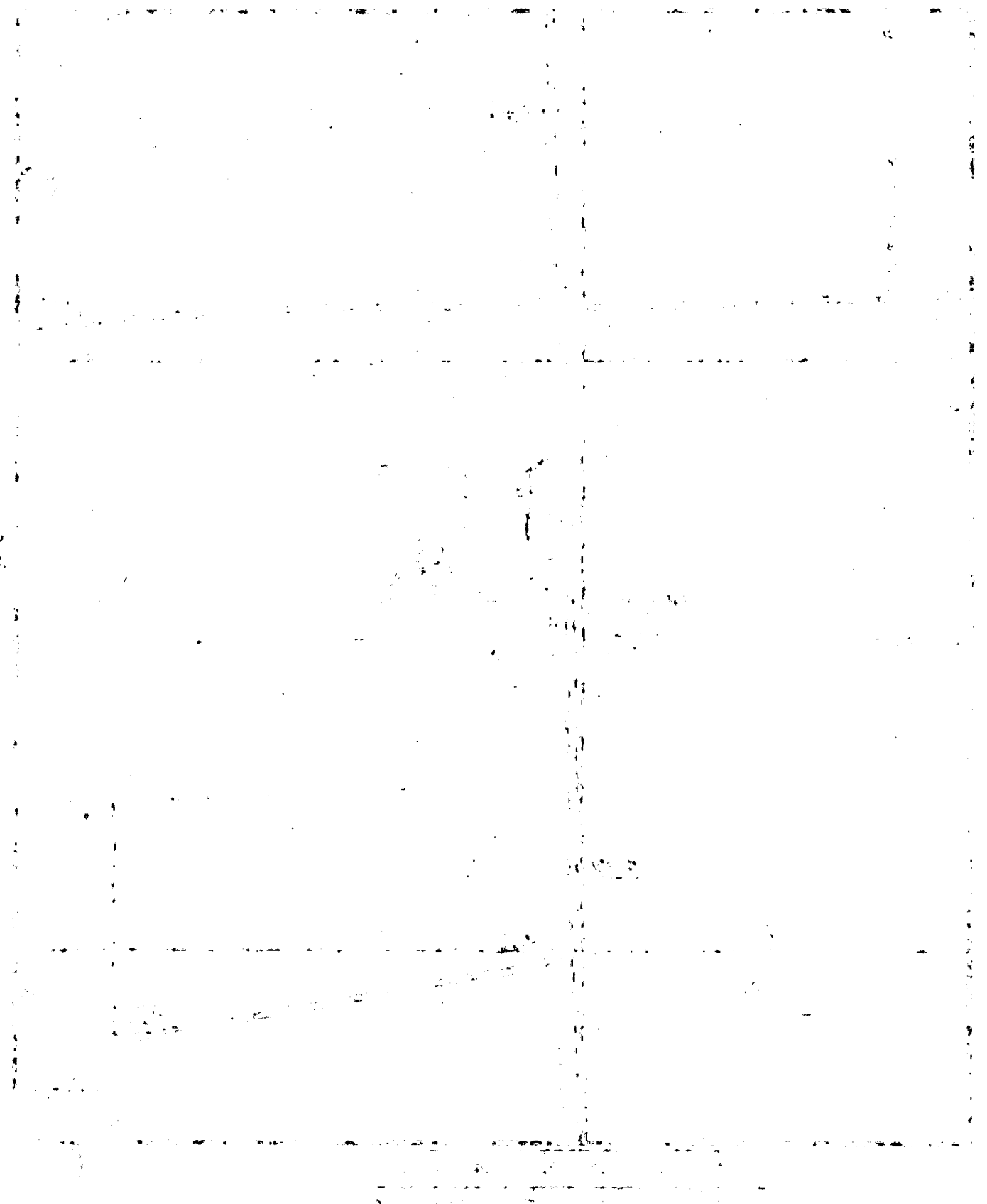




Map center is 34° 56' 37"N, 89° 54' 00"W (WGS84/NAD83)
Pleasant Hill quadrangle
 Projection is UTM Zone 16 NAD83 Datum

M
 G
 M=-0.092
 G=-1.662

1000000
1000000
1000000



Projection is UTM Zone 18 WAD83 Datum
Please use WGS 84 datum
Scale is 1:50000