STATE OF MARYLAND

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

The Johns Hopkins University
BALTIMORE 18, MARYLAND

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AAD35694

APPLICATION FOR PERMIT TO DRILL WELL

An application must be submitted and permit received before drilling a well

Owner Dept. of the Army						
Street or R F. D.	Street or R. F. D. P. O. Box 185 Post Office Glen Burnie, Md.					
Post Office Ft. George G. Meade, Md.	DateJuly 27, 1959					
Quantity of Water Needed (G. P. M.)	Location of Well TEST WELL #2					
Use for Water General Use	CountyAnne Arundel					
Approximate Depth of Well (feet) 500'	Nearest Town Ft. Meade					
Method of Drilling to be used Rotary	Distance from Town in Ft. Meade					
PERMIT TO DRILL WELL (Permit to be returned to Driller) NOT TO BE FILLED IN BY DRILLER	Direction from Town Description of Location of Well (This information should be definite enough to permit locating well on a county map) Near what road On which side of road (North, East, South, West) Distance from road					
Permit No. 35674						
Samples of Cuttings (Yes Required by Department) 👺 o						
Owner Requires Permit (Yes to Appropriate Water No	Draw a sketch below showing location of well in relation to nearby towns, roads and streams with north in the direction of the arrow.					
Owner Has Permit (Ŷes to Appropriate Water (No						
The applicant is herewith granted a permit to drill this well subject to the conditions stipulated.	SEE ATTACHED MAP					
Date July 27, 1959	on gemit 35693					
Special conditions that may apply:						

(ORIGINAL)

12/2/2

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WELL COMPLETION REPORT

This report must be submitted within 30 days after completion of the well

12/659	WELL D	ESCRIPTION 65	de		Permit Number 35694
WELL LOG State the kind of formations penet depth, their thickness, and if was	CASING AND S State the kind and siz screen, and other access give diameter of well)	Name of Owner Dept. of the Army Ft. Geo. G. Meade			
	FEET	Security Martines (Security Annual An	DIAM.	FEET	PUMPING TEST
	from to		(inches)	from to	Hours Pumped 24 Each
Brown sandy clay	0-19	Black steel pipe	611	0-180	Type of Pump Used Turbine
White clay	19-21	Bronze shutter	e. >	V-10V	Pumping Rate See attached
3rown sand	21-45	screen	611	180-200	Gallons wen Winute Sige
Yellow sand	45-48	Black steel pipe	611	200-246	Constitution of the continue of a continue of the continue of
Red & white clay	48-58	Bronze shutter	**************************************	200-5-20	WATER LEVEL
Red clay	58-70	screen	611	346-366	Distance from land surface to
Red & white clay	70-92	Black steel pipe	6''	366-625	water See attached sheet
White clay	92-120	Bronze shutter)	J00-025	Before Pumping 10 Ft.
White & yellow clay 3rown clay	120-126	screen	6"	625-650	When Pumping/35 Ft.
led & white clay	126-133 133-137				APPEARANCE OF WATER
White clay	133-137	Tri-chessisters			Clear X
led & white clay	140-153		hostnaanna	Spellers NAVA ever	
Jark red & white clay	153-170		e de la companya de l	Activities	Cloudy
Freen & white clay	170-177		reality and the second	your production	Taste
Freenish brown clay	177-181	NOTE: See atta	ł	1	Odor
treaks of fine sand &	111-101		separate		
white clay	181-189	tests on	three (3)	strata.	Height of Casing Above Land
White clay	189-193	DALP AND	market de la companya		Surface Z Ft.
Med. coarse white sand.	20, 2,3		4000000		PUMP INSTALLED
water-bearing	193-228		· ·		
White clay	228-233		na de la composito de la compo		Type None
treaks white clay & sand	233-236		1	·	Capacity
Med. coarse sand	236-252		man di dan d	251	Gallons per Minute
itreaks red & brown clay	252-269		ļ		Gallons per Hour
White clay	269-270				Pump Column Length Ft.
fine sand	270-272				
3rown & red clay	272-295				REMARKS
treaks brown clay & sand	295-303				Total depth 650'
Frown clay	303-317			accuments.	
andy white clay	317-319		1	1	1
treaks red clay & fine sand	319-326		***************************************	no production	
Coarse sand	326-329		The state of the s	**************************************	
ted & white clay & streaks				Manage Company	
of sand	329-340		C////WASE		
Coarse white sand, w.b.	340-368				
treaks of red & white clay					Well Was Completed
and sand	368-379			**************************************	Date Dec. 16, 1959
Cont'd. on Page 2					Well priller H. A. Gropp
J				Polyny (commenced)	N. A. Grapp
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DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES

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WELL COMPLETION REPORT

PAGE 2

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depth, their thickness, and if water Med. fine sand lock lock lock lock lock lock lock lock			Calabata and Calab		Permit Number 35694
Med. fine sand lock lray clay & wood led & white clay led & brown clay led & brown led & brown led & brown led & brown clay led & brown clay led & led & led & led led &	WELL LOG State the kind of formations penetrated, their depth, their thickness, and if water-bearing		CASING AND SCREEN RECORD State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)		
Med. fine sand lock lray clay & wood led & white clay led & brown clay led & brown led & brown led & brown led & brown clay led & brown clay led & led & led & led led &	FEST	ikim to the sign of the sign o	DIAM.	F.E.P.L	PUMPING TEST
Rock Rray clay & wood Red & white clay Red & brown Rel clay Red & brown Rel clay Red & brown clay Red & brow	omto		(inches)	from to	Hours Pumped
Red & white clay Red & brown Red	79-382			liqui a va lilina de la companya de	Type of Pump Used
<pre>led & white clay led & white led & led led & white clay led & white c</pre>	82-382') It	*Addigorbaccade	dervery de la constant de la constan	Pumping Rate
Rown & white clay Red & white clay Streaks of sand & brown clay Sandy rock Streaks of red, yellow & white clay White & brown clay White clay Sine white sand White clay Sine to med. white sand Soarse white sand Streaks white clay & sand Coarse white sand and wood, water-bearing Streaks Streaks and Streaks white sand Streaks white sand Soarse white sand	82'6''-3	17		er energy of	Gallons per Minute
ted & white clay itreaks of sand & brown clay iandy rock itreaks of red, yellow & white clay White & brown clay White clay ine white sand Vhite clay ine to med. white sand coarse white sand itreaks white clay & sand coarse white sand and wood, water-bearing	97-430			VIII.	THE S. O. S.
Streaks of sand & brown clay Sandy rock Streaks of red, yellow & white clay White & brown clay White clay Sine white sand White clay Sine to med. white sand Soarse white sand Streaks white clay & sand Streaks white clay & sand Soarse white sand and wood, water-bearing	30-464			X-	WATER LEVEL
clay Sandy rock Streaks of red, yellow & white clay White & brown clay White clay Sine white sand White clay Sine to med. white sand Soarse white sand Streaks white clay & sand Coarse white sand and wood, water-bearing	64-502	•	w.	POR THE STATE OF T	Distance from land surface to water:
Value of the sand				All Additionary	
white clay White & brown clay White clay Sine white sand White clay Sine to med. white sand Soarse white sand Streaks white clay & sand Soarse white sand and wood, water-bearing	02-506		***	No. and the state of the state	Before Pumping Ft.
white clay White & brown clay White clay Fine white sand White clay Source white sand Source white sand Streaks white clay & sand Source white sand and	06-516			en de la companya de	When Pumping Ft.
White & brown clay White clay Fine white sand White clay Fine to med. white sand Foarse white sand and Foarse whose sand and Foarse white sand and				200	APPEARANCE OF WATER
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Vhite clay ine to med. white sand coarse white sand treaks white clay & sand coarse white sand and wood, water-bearing 57 58 58 58 58 58 58 58 58 58 58 58 58 58	46-572		***************************************	The second secon	Clear
Vhite clay ine to med. white sand coarse white sand treaks white clay & sand coarse white sand and wood, water-bearing 58 58 58 58 58 58 58 68 68 68	72-573			NOVE DESCRIPTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF TH	Cloudy
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Coarse white sand treaks white clay & sand coarse white sand and wood, water-bearing 62	81-582			ACT CONTRACTOR OF THE CONTRACT	Odor
treaks white clay & sand 61 coarse white sand and wood, water-bearing 62	82-598			i managara da	
coarse white sand and wood, water-bearing 62	98-613			000000 N	Height of Casing Above Land
coarse white sand and wood, water-bearing 62	13-623			HPSideres	Surface Ft.
			disposition of the second	SSIZZIA ANDRE	The County of th
	23-650			ALADAMAN AND AND AND AND AND AND AND AND AND A	PUMP INSTALLED
	50-659			THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN 1	Туре
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			Daniel Control	SERIAL Viles	Gallons per Hour
				AND SELECTION AND SELECTION OF	Pump Column Length Ft.
3				A Committee of the Comm	REMARKS
				and the state of t	· · · · · · · · · · · · · · · · · · ·
				Our trainments	

				Vaccionari	***************************************
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The state of the s				- Andrews	Well Was Completed
				taring the same of	Date
					Well Driller
Mary Control of the C					
	1				Ciarmeterna

Dept. of the Army Ft. Geo. G. Meade

STRATUM 1931 - 2281:

PUMPING TEST:

Hours Pumped

24 Hrs. (30 minutes off for mechanical trouble)

Type of Pump Used

Turbine - 200' setting

Pumping Rate GPM

Average 285

WATER LEVEL:

Distance from land surface

to water:

Before Pumping

901

When Pumping

135'

Field Water Analysis:

pH 5.0

Fe .8 ppm

STRATUM 340' - 368':

PUMPING TEST:

Hours Pumped

24 Hrs.

Type of Pump Used

Turbine - 340' setting

Pumping Rate GPM

Average 220

WATER LEVEL:

Before Pumping

No determination

When Pumping

No determination

Note: Stratum 340'-368' isolated from other strata by means of packers.

Field Water Analysis: pH 5.0

Fe .8 ppm

STRATUM 623' - 650':

PUMPING TEST:

Hours Pumped

24 Hrs.

Type of Pump Used

Turbine - 640' setting

Pumping Rate GPM

Average 240

WATER LEVEL:

Before Pumping

No determination

When Pumping

No determination

Note: Stratum 623'-650' isolated from 2 above strata by packer set at 300'.

Field Water Analysis:

pH 4.5

Fe 1.0 ppm