INTERVAL SHEET

Page	1	VDMR Well No.: 581	
Date	10/25/61	Sample Interval: from 0 to 305	
PROP:	Highland Con. Co.	Total depth 305	
COMP:	Loch Lomand Sub• #2 Leazer Pump & Well	OilGasWater_X_Exploratory	
COUNTY:	Prince William	Cuttings X Core Other	
		WASHED SAMPLES	
From-To	From-To	From-To From-To	From-To
-	0-10	- 0-10	ner .
-	10-20	10-20	1001
	20 - 30 30 - 40	20-30	200
_	40-50	- 40-50	***
	50-60	50-60	
**	60-70	60 -70	202
-	70 - 80	70-80	
-	80-90	80-90	-
	90- <u>100</u>	90- <u>100</u>	
	100-110	100-110	men.
-	110-120	- Missing	ton.
==	120-130	120-130	en.
	130-140	130-140	m
	140-150	140-150	1.0
	150-160	- 150-160	No.
post	160-170	160-170	tine :
***	170-180	- Missing	ém
3500	180-190	180-190	***
_	190– <u>200</u>	190 <u>200</u>	6.0
-	200-210	200-210	623
	210-220	210-220	140
***	220-230	220-230	100
548	230-240	- 230 -240	414
, was	240-250	- 240 - 250	-
-	250-260	250-260	
-	260-270	- Missing	11.3
·	270-280	270 -280	pre .
-	280-290	280-290	100
***	290-305	290~305	***

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES WWCR 293 Box 3667, University Station, Charlottesville, Virginia VDMR 581

Well #2 WATER WELL CO,	MPLETION REPORT Manassas Park
OWNER: Highland Construction Co. Lock Lomand	Mailing Address: 501 Maurice Drive, Woodbridge, Va.
TENANT:	
DRILLER: Leazer Pump & Well Co.	
WELL LOCATION: county Prince William	Approx. 300 tt.
due north (direction) of Westerly terminus-Rugby F	load andofof
(Give direction and distance in fast or tenths of mile from two reference points - roads, towns, river	s, etc.— On county highway or other map.)
WATER CONDITIONS DEPTH	(bagged samples at 10 ft. 1
STATIC WATER LEVEL 40 feet below surface	most water coming in betwe
WATER ZONES (fissures or formations supplying water)	200 ft. depths)
$\frac{120^{\text{(from)}}}{\text{vb f } 195}$ ft. $\frac{150^{\text{(to)}}}{\text{ft } 200}$, $\frac{255^{\text{(from)}}}{\text{ft } 275^{\text{(to)}}}$	Ch liew - Jast llow to mol. don his Adia ressed vd beomes
WELL PUMPED (or bailed) at 420 Gal. per Min. with 103 feet DRAWDOWN after 24 HOURS PUMPING.	Date Time Salions - Delivery SPN 13me (sec.)
FLOW (natural)G.P.M. HEADft. (above ground	11/61 2250 P.m. 85
REMARKS: (See (1) below	2100 55 7 471
. Vacq	174 66 6649
QUALITY OF WATER	32.00
COLOR_clear TASTE none	214 8 66 9044
ODOR none OTHER	615 8 65 1 00±6
ANALYSIS: AVAILABLE- Yes IX No II: ATTACHED Yes X No II	71.00 55 7 471
TEMPERATURE 59°F (see (2) below	Ith t de dhiel
none WATER (from) ft. (to) ft.	50 7 01 50 7 471
	0100
USE OF WATER: Domestic Town Industry Farm Public	5 3000
CONSTRUCTION	HOLE SIZE CASING SIZE
RIG TYPE (or method) Rotary (rotary, cable, bored, driven, etc)	14 (diam) 3/4 (from) 500 tl 8 (diam) 0 (from) 5 100
DATE: Started 9/5/61; Completed 9/12/61	8 50 305
TOTAL DEPTH 305 ft.	SCREEN (or perforations)
BEDROCK at 12 ft.	SCREEN (or perforations) (from) (to) (opening size)
	inftft
GROUTING INFORMATION	PUMP (installed)
METHOD USED	TYPE Cap. (gpm)
DEPTH OF GROUTING 51 ft.	N.B. South of Salata
TOTAL	H.Pft.
REMARKS: (1) The well was pumped by air lift submergence, the draw down would be 103 ft be 74 ft. Pump log enclosed. (2) Believe the temperature to be h	from the rotary drilling rig-Assuming 50%, at 60% submergence the draw down would igh due to heat transfer from pumping air.
Analysis by C. W. England labs on file	
Third yata by o. n. Highand tana on tite	

DEPTH (feet)		TYPE	OF SOIL OR ROCK PE	NETRATED		REMARKS	
FROM	то	(gra	vel, clay, etc., hardness,	color, etc)	na.i Jani	(water, caving, shot, screen, sample, etc.)	
0	10	37.23	· malib	TE Worldon En		TW:	DAY.
0	12	Yellow c		5.00_10-110-110-110-110-110-110-110-110-11		en lesser pun silen ing	
12	50	Red slat	e and sand sto	one		No water	
50	305	Dod alat	a and atom	hisos, ye	DINIE STORY	rest viveteen	
50	303		e - sand stone				
		WITH INT	xed layers of	POCK			
		(haggad	complex at 10	ft inton	-010		
			samples at 10				
			ter coming in depths)	Derweell I	93 10	NO WATER LEVEL 6 TERE DE DE	
		200 1 0.	deptils)		THIN DAVID		
		Tog of	well test - we	11 #2	(01)		
			Leazer with ai		ni a	100	
		rumped by	Leazer With ar	.I TOTALY	119		
Date	Time	Gallons	- Delivery	GPM	Suction	TAN BOWTITHADD	
Date	TIME	Callons	Time (sec.)	GIW	Depth		
			11mc (3cc.)		Manual E	concon_refre tiven wase_test	
11/61	1:30 P.	m. 55	7	471	285'		
11/01/	2:00	55	7	471	285'		
	2:30	55	7	471	285'		
	3:00	55	7	471	285'		
	4:00	55	8	412	285'		
	5:00	55	8	412	285'		
	6:00	55	7	471	285'		
	7:00	55	7	471	285'		
	8:00	55	7	471	285'	Stort (2) son 2 dend a maintanne	
	9:00	55	7	471	285'		
	0:00	55	8	412	285'		
	1:00	55	7	471	285'		
	12:00M.		3 8 7 ELIGHT	471	285'		
12/61	1:00 A.		7	471	285'		
12/01	2:00	55	7	471	285'		
	3:00	55	7	471	285'	halakanan 18/0/C karvala	
	4:00	55	7	471	285'		
	5:00	55	7	471	285'		
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	7:00	55	7	471	285'		
	8:00	55	7	471	285'		
	9:00	55	8	412	285'	Terreit interes Albertal allis	
	10:00	55	8	412	285'	H OF GROUPING III III	
	10:30	55	8	412	200'		
	11:30	55	8	412	200'	ARKS. 11) The Well see crime!	
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-	Taltin	MOTEL ESTRI	1515 Jour D' 6		or entit	stem at enforce the (C)	
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COMMONWEALTH OF VIRGINIA

DIVISION OF MINERAL RESOURCES

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	tion, Charlottesville, Virginia	Manassas Park
	MPLETION REPORT	
WNER: Highland Construction Co. Lock Low		Drive, Woodbridge,
ENANK Beazer Pump & Well Co.	Mailing Address D. O. D 200	D.S. G. G. T.
Dani 17: 77:	Mailing Address: P.O.Box 385	, Reminton, Va.
VELL LOCATION: county Prince William	Approx. 300	165.00
due north (direction) of Westerly terminus-Ru		of
	N	
WATER CONDITIONS	3 6 1	1 10
Enveen 195 fo, - HT930	O PEE	1 1 2 01
STATIC WATER LEVEL 40 feet below surface		
VATER ZONES (fissures or formations supplying water)	1	
(from) (to) (from) (to)		10 11 - 3
195 1 200	100	0 %
QUANTITY OF WATER	3 1	N A
VELL PUMPED (% X Daned) at 420 Gal. per Min. with		1 70 35 1
103 feet DRAWDOWN after 24 HOURS PUMPING.		1 O Xt all
LOW (natural) G.P.M. HEADft. (above ground)	W	1 6 1
REMARKS: See (1) below	1/ 61	V.Or
	80 (20)	Lucey
QUALITY OF WATER	No ATO	Rome Rome
color_clear / TASTE_none	83	Out 1
DOOR none OTHER	N. N.	A Y
ANALYSIS: AVAILABLE - Yes NO 11: ATTACHED YES NO 11	1 SICH V	
TEMPERATURE 59 F (see (2) below)	1	2 /01/20
none WATER (from) ft. (to)	VO VIEW	1 1 1 1 1 1
JSE OF WATER: Domestic Town Industry Farm Public	A A A	10/1901 12/11/11 11
CONSTRUCTION	HOLE SIZE	CASING SIZE
		WASING SIZE
RIG TYPE (or method) Rotary (rotary, cable, bored, driven, etc)	14 (diagn)/4 in (10m) ft 50 ft	(from) (to)
DATE: Started 9/5/61; Completed 9/12/61	8 50 305	6935
TOTAL DEPTH 305 ft.	SCREEN (or	nerforations)
BEDROCK at 12 ft.	(diam.) (from) (to)	(opening size)
GROUTING INFORMATION	inftft	
METHOD USED	PUMP	(installed)
GROUTING MATERIAL cement gravel	TYPE Car	o. (gpm)
	H P S Denth of	
DEPTH OF GROUTING 51 ft.	H.P Depth of	
REMARKS: (1) The well was pumped by air Assuming 50% submergence, the draw do	own would be 103 ft.	at 60% submergence
the drawn down would be 74 ft.	11	, and a summer gentle
Pump log enclosed.		
	to be high due to he	eat transfer from

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DEPTH (feet) FROM TO			PF SOIL OR ROCK PE		34 . 65 . 48 ·	REMARKS (water, caving, shot, screen, sample, etc.)		
0	12	Yellow c				The same or the same		
12	50		e and sand	stone		· No water		
50	305		e - sand st ixed layers		hairs.	t diameteer - Free Vitori and		
		most wa 200 ft.	amples at l ter coming depths)	in between	en 195			
		Pumped	by Leazur	with air	totary 1	19		
Date	Time		Delivery - Time (see.)	GPM	Such	RETAM TO YTHTHAUD		
9/11/61	1:30 PM	55	7	471	285	AS - GIR WATSTARD TONICALIS		
	2:00		,,	and the later of	evode 1	TILLIATH WITH TILL (Intrins Von		
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