INTERVAL SHEET

Page_1_		VDMR WE	LL NO546	
Date: 9-28-61		Sample	Interval: from 30	to99
PROP: U. S. Fores	t Service Eliz. Furn	ace Camp Total D	epth	1
COMP: Valley Dril	ling Corp.	Oil	GasWater_XEx	ploratory
COUNTY: Shenandoa	th (Detrick)	Cutting	s_X_CoreOthe	r
From-To	From-To	From-To	From-To	From-To
	30-40	_	-	-
-	40-50	~	-	
-	50-60	- Comple	ete set of sampled in	tervals washed
-	60-70	-	-	
- 1	70-80	-	-	_
	80.00			
	80-90	-	-	_
-	90-99	-	-	-
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COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

WATER WELL COMPLETION REPORT

Box 3667, University Station, Charlottesville, Virginia

WWCR# 180 VDMR# 546

ZALAMIN .	usianisming thing on the 20 year		-
OWNER U.S. Forest Service	Mailing Address P.O. Bldg.	Harrisonburg	STORE
XXXXXX Eliz. Furnace Orginazation Cam			
DRILLER: Valley Drilling Corporation	Mailing Address Clearbrook	Va. 04	0
WELL LOCATION: County Shenandoah	The state of the s	XX	
North (direction) of Elizabeth Furnace	on Rt. 678 g	of	
Give direction and distance in feel or tenths of mile from two reference points - roads, towns, river			
THE TO WE TON TRACE THE	- (tota) - dNT	8 ,10t,66	20
WATER CONDITIONS			
DEPTH			
STATIC WATER LEVEL			
WATER ZONES (fissures or formations supplying water)		0	
(from) (to) (from) (to)	1-1-	K+55	/
91 ft ? ft	St and Lung	-9 FRI	ONT
	Strasburg	R+55 PROY	Al
QUANTITY OF WATER	*	11-1	
WELL PUMPED (or bailed) at Gal. per Min. with			
feet DRAWDOWN after 2 HOURS PUMPING.	alw.	1 Well	E
FLOW (natural) 5 G.P.M. HEAD ft. (above ground	1) W	00 WEII	
REMARKS: Well pumped by compressed air		1 - 1 - 41	
		Elizabeth	
QUALITY OF WATER		Furnace	
COLOR Clear TASTE None	20/		
ODOROTHER	10		
ANALYSIS: AVAILABLE- Yes D NOTE: ATTACHED YES D NOD	-15		
TEMPERATURE	The state of the s		
WATERftft			
(salt, brackish, iron, sulfur,acid, other)			
USE OF WATER: Domestic Town Industry Farm Public	S		
CONSTRUCTION	HOLE SIZE	CASING SIZE	
RIG TYPE (or method) Rotary Drill (rotary, cable, fored, driven, etc)	(diam) (from) (to)	(diam) (from) (f	to)
	9 0 50	6 0	50
DATE: Started 1-11-61; Completed 1-19-61	5 50 99'10	ti	
TOTAL DEPTH 99'10" ft.	SCREEN (or p	perforations)	
BEDROCK at 45 t.	(diam.) (from) (to)ft	(opening size)	
GROUTING INFORMATION	PUMP	(installed)	01
METHOD USED Hand Poured			
GROUTING MATERIAL Cement & Water	TYPE	. (gpm)	
DEPTH OF GROUTING 50 '	H.P Depth of	intake	ft.
Geol Orondaga shale	(RHD)		
	(1412)		
		11 1/	
		ton of well ()	
		Log of well (over)	

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED						REMARKS	
FROM TO GETTER (gravel, clay, etc., hardness, color, etc)			(water, caving, shot, screen, sample, etc.)						
0	40 XX	. av	Sand 8	gravel		boul	ders	rati d	Est.l gpm at 30' walls unstable and many cave in
45	99 ':	ro"	Slate	(grey)				Hit first water at 91'
									DEPTH DEFETH LEVEL 15'10"
									ATER ZONES (finances or formations supp
	L. No. 1								(A) (mg)
	BANK B								5 76
							8		QUANTITY OF WATER
							AN .	M 190	ELL PUMPED (or beiled) of Go
									HOH S valto MWOOWARD tool S
		1 /					Comore s		
	83						ris	9888	MARKS Well pumped by compr
	3.3	VERT CO							DUALITY OF WATER
								eno one	NOR Clear TARTE N
				16					Non None area
			3						VALYSIS AVAILABLED VILLE NOW STINGHED YES
									EMPERATURE
									Maria Barraw
									tonia (Ratiotal Area, per America)
					¥		Manian C		
	NG SIZE	BAS		B SIZE	HOE				ROLL SONSTRUCTION
	(mort)	(mills)							TETT WEST HOLD TO THE STATE OF
- 50 -	-0-	- 6	-50-	0		.6-	ra	25-1	-5
			DT. 66	4		5	107		(ТЕ: Started 1-11-01 . "Completed
	(Elle bullet		9 G 1 Q)						DROCK at 45'
				_10					
		(bullate)	PUMP (m						GROUTING INFORMATION
		(map)							ETHOD USED Hand Foured Couring MATERIAL Coment & Water
						9 8			IRTH OF GROUTING 50'
		8434		80		1 11			WALLOOMS TO HIM
						TUOT	0 [0]	Ja as	EMARKS: Geol Oronda
						WINT)	0.2.00	10 02	1010101000
	(Sexo) (00 10 pa/							
		1							

COMMONWEALTH OF VIRGINIA

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia



WATER WELL CO	MPLETION REPORT	нтяза
- 1 p = - 2 -	Mailing Address: P.O. Bldg. 1	Harrisonburg Va
TENANT: Eliz. Furnace Organization Paul		
DRILLER Valley Orilling Corporation	11	& Virginio
WELL LOCATION: County Shenandoah	Approx. 42	miles
North (direction) of Elizabeth Furnace	on Rt 678 ff miles	f
(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, river		- W - 15
WATER CONDITIONS	N	
DEPTH		
STATIC WATER LEVEL 15'-10"		
WATER ZONES (fissures or formations supplying water)		0155
(from) 2(to) (from) (to)	Strosburg	Front
50 ft. ; , — ft	Strasburg	Royal
tt it it	O .	10,01
QUANTITY OF WATER		.,
WELL PUMPED (or bailed) at Gal. per Min. with feet DRAWDOWN after HOURS PUMPING.		8 well
	W	
FLOW (natural)G.P.M. HEADft. (above ground) **	6 Elizabeth
REMARKS: Well pumped by compressed		Furnace
QUALITY OF WATER		00
COLOR Clear TASTE None		9
ODOR NONE OTHER	į.	201
ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No		
TEMPERATURE (from) (to)		
WATERftft.		
USE OF WATER: Domestic - Town - Industry - Farm - Public	S	
CONSTRUCTION	HOLE SIZE	CASING SIZE
RIG TYPE (or method) Rotary Drill	Oldiam) in Ofrom) to Stab to	(diam) (from) (to)
(rotary, cable, bores, driven, etc.:)	9 in 0 ft 30 ft	6 0 50
DATE: Started 1-11-61; Completed 1-19-61	5 50 9910"	
TOTAL DEPTH 99'10" ft.	SCREEN (or p	erforations)
BEDROCK at 45' ft.	(diam.) (from) (fo)	
GROUTING INFORMATION	PUMP	(installed)
METHOD USED Hand Poured	TYPE Cap	(anm)
GROUTING MATERIAL Cement & Water	- 1111 C	. (урш)
DEPTH OF GROUTING 50'	H.P Depth of	intakeft
REMARKS:		
Med Francisca State (R.	A Dan	
R) MOLEWIG SUMPLING		
A MILITARIA DI PARE A SE		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Log of well (over)
STOREGALE RESOURCE		

COMMONWEALTH CO OLINGALA

FURNISHED BY USE THE TAKEN THE STATE OF THE

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRA	REMARKS		
FROM	ТО	(gravel, clay, etc., hardness, color,	(water, caving, shot, screen, sample, etc.)		
	40	Sand gravel & Bou	lders	Est Igpin at 30' ccalls unstable many Cove ina	
45	99'-10"	State (grey)	DINES PORTS (BEAN) PROFES	Hit find water at 91th	
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	STATIC WATER LEVEL /5 -/C	
4	13			VATER ZONES (fissures or followers sup	
10.42	-	How he said	(01)	(from) (from)	
				1 1	
	lion	8	L per Min with	QUANTITY OF WATER VELL PUMPED (or bailes) of 1.2 GC Teet DRAWDDWN ofter & HOL	
1	53151	=1 d	_ft (above ground) \		
	20 MM	-	200000000000000000000000000000000000000	EMARKS LIELL pring his so	
				QUALITY OF WATER	
		19	25 15	OLOR LEVE 2 M TASTE AND	
				DOR 2007 COTHER	
			वा भी वा व	NANLYSIS AVAILABLE - YES CI NOME ATTACHED YO	
			17 (81)	EMPERATURE WATER (HOTE)	
		9	D Form D Public	(321, Stockish, ston, suffer, con., cities)	
32	is anis	HOLE SIZE GA		CONSTRUCTION	
(61)	(from)	Johan Item (dian)		16 TYPE (or method) (cotary, cools, bored criven,	
		- 1 1 1 1 2 E	17-11-1	ATE: Started 1-11 -61; Completed	
(1	ons). Iopening size	SCREEN (or perforal)		ОТАL DEPTH 99' /6" 11. EDROCK of 45' ft.	
		PUMP (installed)		GROUTING INFORMATION	
		TYPE Cap (gpm)_	3/6/	ROUTING MATERIAL CENERAL THE	
.17		- P Depth of intake		EPTH OF GROUTING 20	
			197-190	EMARKS:	
				VIRGINIA DIVISION OF	
				- GREERMEN	
	fra et al	No.		18 10C1	
	(ravo) Her			MAR 16 1961	
				MINERAL RESOURCES	