INTERVAL SHEET

Page_1		VDMR WE	ELL NO. 547			
Date: 9-28-61	<u> </u>	Sample	Interval: from 10	to 87½		
PROP: Wilkins D	evelop ment Corp.	Total D	Depth			
COMP: Boyd R. DeHaven		Oil	OilGasWater_XExplora			
COUNTY: Frederi	ck (winchester)	Cutting	s_X_CoreOther			
			WASHED SAMPLES			
From-To	From-To	From-To	From-To	From-To		
-	10-20	-	10-20	-		
_	20-30	-	20-30	-		
-	30-40	-	30-40	: :		
-	40-50	_	40-50	:		
-	50-60	-	Missing	9=9		
4 1 7 1 1 1 1	60-70	<u>-</u>	60-70	_		
M	70-80	-	Missing	_		
	80-87 1	_	$80-87\frac{1}{2}$	-		
		_	33 3,2			
			Marks	-		
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COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES WWCR-#292 Box 3667, University Station, Charlottesville, Virginia VDMR-#547

WATER WELL CO	MPLETION REPORT	
OWNER: Wilkins Development Corporation Shena	ndnah Hills 7 W. Boscawen Stree	t Datem
TENANT: Wilkins Development Corporation	Moiling Address 7 W. Boscawen Stree	
DRILLER: Boyd R. DeHaven	Mailing Address: Route #2, Winchester	
WELL LOCATION: county Frederick	Approx. 1.4 Miles ft.	3
East (direction) of Winchester, Va. (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers		le
- Lord of the mast basi their	, etc.— on county highway or other map.)	
OS 108 .xxx WATER CONDITIONS	7.5	00
DEPTH 1	els is puld draft 1878	
STATIC WATER LEVEL 2006 304 WATER ZONES (fissures or formations supplying water)		
(from) (to) (from) (to)		
$\frac{\text{(from)}_{50}}{70} \text{ ft.} \frac{60}{80} \text{,} \frac{60^{\text{(from)}}}{60^{\text{(from)}}} \text{ ft.} \frac{70^{\text{(to)}}}{60^{\text{(foo)}}}$		
QUANTITY OF WATER		
WELL PUMPED (or bailed) at 23 Gal. per Min. with		
3_feet DRAWDOWN after3_HOURS PUMPING.	W	E
FLOW (natural)G.P.M. HEADft. (above ground) REMARKS; Seems to be plenty of water and	*	
good quanity		
QUALITY OF WATER		
COLOR_clear TASTEneutral		
ODOR none OTHER looks good		
ANALYSIS: AVAILABLE- Yes O NOTE ATTACHED YES O NO O		
TEMPERATURE56+		
Soft & Natural WATER (from) ft. 872 ft. (salt, brackish, iron, sulfur,acid, other)		
USE OF WATER: Domestic Town Industry Farm Publica	S	
CONSTRUCTION	HOLE SIZE CASING SI	ZE
RIG TYPE (or method) Cable Drilled (rotary, cable, bored, driven, etc)	(diam) (from) (to) (diam) (from)	(to)
DATE: Started 9/12/61; Completed 9/18/61	9 0 52 6 0	52
TOTAL DEPTH $87\frac{1}{2}$ ft.	SCREEN (or perforations)	
BEDROCK at 15 ft.	(diam.) (from) (to) (opening size)
GROUTING INFORMATION	PUMP (installed)	
METHOD USED Poured		
GROUTING MATERIAL ½ sand, ½ Portland Cement	TYPE Cap. (gpm)	
DEPTH OF GROUTING 52'	H.P Depth of intake	ft.
REMARKS: Water looks good and plentiful		
	Log of well (over)	

FURNISHED BY Boyd R. DeHaven-Contractor
Route # 3, Winchester, Virginia

DATE: 9/18/61

(fe	PTH et)	TYPE OF SOIL OR ROCK PENETRATI		REMARKS
FROM	то	(gravely clay, etc., hardness, color, et	c) mail mail and	(water, caving, shot, screen, sample, etc.)
0 10 20 50	10 20 50 60	Soft shale Dark blue shale Dark blue shale Dark blue shale	nożink	No caving Quite a lot of water Lots of water Plenty of water, could not bail head down at this level.
70	87 1 /2	Dark blue shale	e e	Water within approx. 30' of to of ground. Water looks good, no odors or anything undesirable.
			70/20	50 - 60 CC TO
			ing and according to the second secon	QUARTITY OF PRACES ELL PRINTED (or Like or 152 00 2 fest payingly, or in 12 for own extens) 2 Fe 17 62 Charks Seems to Se plenty of wo
			Lewinson	OUALITY OF WATER ON CLOSE TASTS ON TONC WALYSIS WILLAMIS WIS ACADES ON
			72	- DC - 15 TAW - Insuffic a Pap
	me av	PAGE SIZE TION	12 mars 9 mil. 9	FROM TOWN TERMS THE TANK TO AN THOM TOWN TERMS Delital elist
20			,51/5	TE SIGNA 9/19/01 COMMERCE
	(8)	Section to Market Market Comments of the Comme		OTAL DEPTH STELLING CORDON OI DE SHORMATION ENIOD USED PSUSSES
		Two San	dinamaC Lin	ETHOD LESTO FOURSE NOUTHNA MARERIAL E STORY & FREYLE SETH OF OROUTING TO!
			15:11\\na[q]	EMARKS Metro lights good and
	10000	# 74 200		

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia



WATER WELL CO	MPLE	NON INEFOR		HU4	30
WNER Wilkins Development Corporation	Mailing Addre	s 7 W. Boscaw	en Street	OF	MORE
ENANT: Wilkins Development Corporation					
RILLER: Boyd R. DeHaven anivso of	Mailing Addre	s Route #2. Wi	nchester	10	0
ELL LOCATION: County Frederick County		pprox. 1.4 Mile		ft. miles	
East (direction) of Winchester, Virginia	and	9 If Wes		ville	10
e direction and distance in feet or tenths of, mile from two reference points-roads, towns, river	rs, etc on sounty				-
WATER CONDITIONS		STREE BY	T SHIBL	OE -	03
Flenty HTTADer, could not beil		elada em	S synes	60	50
TATIC WATER LEVEL 301		Same Na	,		
ATER ZONES (fissures or formations supplying water)	9998	ofsde sp.	E saltso	70	60
50 (from) 60 (to) 60 (from) 70 (to)					
50 (from) 60 (to) 60 (from) 70 (to)	-	elana en.	Darks B	878	70
50 (from) ft. 50', 60 (from) 10 ft. 70 (to)	-				
QUANTITY OF WATER					
ELL PUMPED (or bailed) at 23 Gal. per Min. with					
feet <u>DRAWDOWN</u> after <u>3</u> HOURS PUMPING.					E
OW (natural)G.P.M. HEADft. (above ground	d) W				
MARKS: Seems to be plenty of water and					
					CHI T
QUALITY OF WATER					
LOR Clear TASTE Neutral					
OR None OTHER Looks Good					
ALYSIS, AVAILABLE- Yes NoXE: ATTACHED Yes No					
EMPERATURE 56*					
oft and Natural WATER 30 (from) ft. 87 ft	t.				
E OF WATER: Domestic Town Industry Farm Public M		S			
		HOLE SIZE	CAS	ING SIZE	
CONSTRUCTION		HOLE SIZE			
CONSTRUCTION Graphical Cable-Drilled (rotary, cable, bored, driven, etc)	_ 9# (diam)			ING SIZE	
CONSTRUCTION Gable-Drilled (rotary, cable, bored, driven, etc)		HOLE SIZE			
CONSTRUCTION TYPE (or method) Cable—Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 ft.	911 (diam)	HOLE SIZE in 0 (from) 1 52(to) 872 cone SCREEN (or	perforation	O ^(from) ft	
CONSTRUCTION Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 ft.	911 (diam)	in O (from) 11 52(to) 872 one SCREEN (or (from) (to)	perforation	O ^(from) ft	
CONSTRUCTION TYPE (or method) Cable—Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 ft.	911 (diam)	hole SIZE in 0 (from) 1 52(to) 872 0 one SCREEN (or (from) 11	perforation	O ^(from) ft	
CONSTRUCTION Graphe-Drilled (rotary, cable, bored, driven, etc) TAL DEPTH 87½ TAL DEPTH 87½ TOROCK at 15 GROUTING INFORMATION ETHOD USED Poured	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 11 (from) 11 (or (from) PUM	perforation (control of the control	O ^(from) ft	
CONSTRUCTION TYPE (or method) Cable—Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ The definition of the control of the control of the case o	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 1 52(to) 872 0 one SCREEN (or (from) 11	perforation (control of the control	O ^(from) ft	
CONSTRUCTION TYPE (or method) Gable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED FOUR OUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 11 (from) 11 (or (from) PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ^(2°) ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotory, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED FOUR INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotory, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION STYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 THO DEPTH 15 GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52.	9n (diam) 6n (diam.)	hole SIZE in 0 (from) 152(to) 872 1 one SCREEN (or (from) 1t. PUM	perforation (continuation)	O ^(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 THO DEPTH 15 GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52 EMARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52(to) 872 Depth of the second of the sec	perforation (continuation)	O(from) ft	5 ⁽¹⁰⁾ ft.
CONSTRUCTION Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 872 THO DEPTH 15 GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52 EMARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52(to) 872 Depth of the second of the sec	perforation (continuation of the continuation	O(from) ft	5 ⁽¹⁰⁾ ft.
Cable-Drilled (rotary, cable, bored, driven, etc) ATE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ THO USED FOUR THOO USED Poured COUTING MATERIAL 1/2 Sand, 1/2 Portland Cement Print OF GROUTING 52 EMARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52 (to) 87 (to) 87 (to) 97 (perforation (continuation of the last perforation of the las	O(from) ft Ons) opening size)	5 ^(2°) _ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ ft. DROCK at 15 ft. GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52. MARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52 (to) 87 (to) 87 (to) 97 (perforation (continuation of the last perforation of the las	O(from) ft Ons) opening size)	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ ft. DROCK at 15 ft. GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52. MARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52 (to) 87 (to) 87 (to) 97 (perforation (continuation of the last perforation of the las	O(from) ft Ons) opening size)	5 ⁽¹⁰⁾ ft.
CONSTRUCTION TYPE (or method) Cable-Drilled (rotary, cable, bored, driven, etc) TE: Started 9/12/61; Completed 9/18/61 TAL DEPTH 87½ ft. DROCK at 15 ft. GROUTING INFORMATION THOD USED Poured OUTING MATERIAL 1/2 Sand, 1/2 Portland Cement PTH OF GROUTING 52. MARKS: Water looks good and plentiful	TYPE—H.P.	HOLE SIZE in O (from) ft 52(to) 877 1 Dag SCREEN (or (from) ft PUM . Co . Depth of	perforation (continuation of the last perforation of the las	O(from) ft Ons) opening size)	5(±°) ft.

ALUGO ALI

FURNISHED BY Boyd R. DeHaven - Contractor DAT Route #3, Winchester, Virginia

ractor conservation of conservation ractor

REMARKS DEPTH TYPE OF SOIL OR ROCK PENETRATED FROM (water, caving, shot, screen, sample, etc.) (gravel, clay, etc., hardness, color, etc) Maring Accress - 7 J. Boscamen 0 10 No caving nevelled . H byof saling August 1.4 Mile Rast VELL LOCATION COURS Frederick Co 10 20 Darks Blue Shale Quite a lot of water take 20 50 Darks Blue Shale Lots of water 50 60 Darks Blue Shale Plenty of water, could not bail head down at this level. W SITATE 60 70 Darks Blue Shale Water within approx. 30' of top of ground. 70 871 Darks Blue Shale Water look good, no odors or anything undesirable. QUANTITY OF WATER WELL PUMPED (or boiled) at 23 Go 3 feet DRAWDOWN offer 3 HOURS PUMPING. COW (natural) 6.PM. HEAD. tt. (obove ground) W bne redsw to the plenty of water and QUALITY OF WATER ISTOLON STRAT TESTO ROLOS and None Cooks Good ANALYSIS AVAILABLE- YearD NOZO. ATTACHED YOUR DINGED TEMPERATURE 56! th TE it Water 30" at the Birth bas those USE OF WATER, Comparied Town D Indiate O Sarm D Publick CASING SIZ HOLE SIZE CONSTRUCTION Deffire - ofdet (or matheon to depte - Drilled On (tem) 11 52 to DATE' Started 9/12/51 Completed 9/18/61 TOTAL DEPTH 87# None SCREEN (or perforations) BEDROCK of 15 (Salistani) 984119 METHOD USED POUTED CROUTING MATERIAL 1/2 Sand, 1/2 Portland Coment TYPE. DEPTH OF GROUTING 521 REMARKS. Ester looks good and plentiful VIRGINIA DIVISION OF Boyd R. Dettamen Boyo R. DEHAVEH WELL CENTRACTOR MINERAL RESOURCES