INTERVAL SHEET

Page		VDMR WELL NO. : WELL NO. 354					
\bigcirc		Sample Inte	rval: from O	to 80			
PROP:	PROP: KROGER CO. COUNTY: ROANOKE VDMR WELL NO.: 354	Total Depth	C 4 2				
COMP:	FROM: TO:	OilGas	SWater_	Exploratory			
COUNTY:		Cuttings	Core	Other			
From-To	From-To	From-To	From-To	From-To			
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Interval Sheet

Sheet No.

--- Cuttings --- Core --- Water Well --- Gas Well

From-To	From-To	From-To	From-To	From-To
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Total Depth _____

FORM GW-2

Commonwealth of Virginia
Department of Conservation and Development
VIRGINIA GEOLOGICAL SURVEY
Box 1428, University Station, Charlottesville, Va.

Office No. W - 30 Map No._

ack. 4/24/58

Map

County

WATER WELL COMPLETION REPORT

(This report must be submitted	thin 30 days after completion of well.)			
Property of The Kroger Company,	Address 35 East Seventh Street,			
Well No. NOTE: Revised report of Well # ONE	Cincinnati, Ohio.	t t		
(a) City or Town Location (b) CountyRoanoke	Approximately 3	eet		
(direction) West of Salem Va.				
of Virginian Railway	miles	(direction)		
(Give direction and distance in feet or tenths of a mile from two (2) map or, where such map is not available, give direction and distance f	ocation reference points or map coordinates show	n on quadrangle topographic		
Driller Southern Drilling Company				
200 (200) 4-3-4-3-4-3-4-3-4-3-4-3-4-3-4-3-4-3-4-3	Roanoke, Virginia			
Drilling commenced Jan. 7th 1958	Drilling completedJan_ 30th	1958		
Elevation (ground surface)feet	Diameter 12 inch, surface	tofeet		
Total depth:feet	inch,	feet tofeet		
	inch,	feet tofeet		
Bedrock (hard rock) at 20 feet	inch,	feet tofeet		
Casing: 12 inch 0 feet to 23		ng)		
8 inch \$4 23 feet to54		feet to feet		
inchfeet to				
inchfeet to				
Yield: (a) flowGPM	Determined:(a) Pun	pp test X		
(b) pump		er test		
42 4		mated		
Water at (a) 62 feet to 80 feet	Main supply developed at 62 to			
(b)feet tofeet	at	feet		
(c)feet tofeet Pumping test: (date)Jan. 16th 1958 ; Du	tion 135 (hus). Final vi	-14 250 CDM		
		sid 200 GPM		
Water level (static), 10 feet above below surface				
Drawdown: 6 feet after 135				
Use of water (a) Public supply (d) Government				
(check) (b) Municipal (e) Industrial		. 250 CPM		
(c) Commercial (f) Institutional Temperature of water (if determined) °F.		feet		
r.		rcci		
Well shot at: (1)feet; (2)feet; (3)				
Charge used: (1); (2);				
Packer atfeet	Salt water at	-		
Shoe atfeet				
Wood plug atfeet	Fresh water at			
Log of well, given on reverse (over)	mnono ni la di constitua di la tara	A CAT THE SALE		
Remarks Construction on this well was t				
and 54 feet of standard 8" - #2		Surrace or		
ground				
	- 100 (100 (100 (100 (100 (100 (100 (100	Region (Cappy Cappy Capp		
This form, No. GW-2, mailed to Division of Miner	1 Resourses, Box 3669, Univers	ity Station,		
on April 24th 1958	Charlottesvil	le, Virginia.		
on April 24th 1958 Received by Name on	Date			
Completed and mailed by B. A. Chappel of Souther		1958		
Received in offices of Virginia Geological Survey on	Date			

LOG

Furnished by The Kroger Company, Date April 24th 1958

Compiled by Southern Drilling Company, Date April 24th 1958

Sample No.	Formation	Color	Hard or Soft	Top (Feet)	Bottom (Feet)	Thickness (Feet)	Remarks Water, fishing, shut down, screen, caving, shot
1	clay	tan	soft	0	20	20	Caving, through sand gravel and small cobles
2	limestone	blue	hard	20	62	4/2	Solid and hard
enor3 are	opening	BASS	soft	62	80 ASI	18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	mud, sand and losse cobles, spme as large as 12" in diameter.
		H 9- (64-	100	(a)			
ranthousemo	(c) constitue	torinoj	(i) (use	THOUSE.	Tasa Fasi	ii. Ga	Capacity 22 Cit's Set at 160 Femarica
Sea of wall (theck)	r (a) Pahile s (b) Mineija	(blay)	(d) Clove		nra, pinapa Appei Cler	is replaced realists of	(amp (mainled) Type
Pintyrog te Voter leve Davdovin:	(: (diret)	19 - Jacob 19 - 100	Jam above	emijied Strijedane		Σ' - (με)	Frind yield - SO CP2
Value of (s) 02 (eq.) (eq.	(a).	- luci		Main sup	ur hj. tjezajolna se	The state of the s
(b)	limale	00	TLVI			Deforming	(b) Under rest (c) Parlimed - ***
	(0)		men de —	feet			to to
gradi	12 - mo	1/1 = 1	ficit to == feet to == feet-to	[2] [68] [50 68] [68]		steamer or Perfe	ented Chalog) Filze feet to feet to
Total deput	rd took) is		- 10	GE GE			o led to led
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. 9	roopk	Depar	ment of	nonweal Conserv A GEOU	th of Vin	pinia 2 Developmo SURVEY	Well how 3 to 76

COMMONWEALTH OF VIRGINIA

DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia VDMR 354

WWCR 23

Well No. 1

WATER WELL COMPLETION REPORT

OWNER: The Kroger Company	Mailing Address:	35 E	ast S	Seventh S	treet	N(FF)
	Mailing Address.					
TENANT: Southern Drilling Company	Mailing Address:	3634	Mt.	Vernon D	rive. S.	W Roano
DRILLER.				3	ft.	g.iouno
West Salem Va	7	.50	ft miles	north of	Wi maini	n Dailwa
(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, river	0114	21.UUM ×		11046011 01	virginia	III Valime
WATER CONDITIONS			590	N on insu	8 08	62
Present of Chepthers 25						
STATIC WATER LEVEL 10						
WATER ZONES (fissures or formations supplying water)						
(from) (to) (from) (to)						
ft , ft						
QUANTITY OF WATER						9-53
WELL PUMPED (or bailed) at Gal. per Min. with						
feet DRAWDOWN after 135 HOURS PUMPING.	Part of the same o					
	w					E
FLOW (natural)G.P.M. HEADft. (above ground REMARKS:Main supply developed at 62 to 80 ft	t.					
REMARKS.						
QUALITY OF WATER						
almost clear						
	The same of the					
ODOR OTHER						
ANALYSIS: AVAILABLE- Yes No ATTACHED Yes No						
TEMPERATURE (from) (to)						
WATER (from) ft. (to)						
USE OF WATER: Domestic Town Industry DX Form Public				S		
	НОІ	E SIZ	_		ASING SIZ	E
CONSTRUCTION	HOL	E 312	_	U.	ASING SIZ	
RIG TYPE (or method) (rotary, cable, bored, driven, etc)	(diam)	(from)	(to)	ft (diam)	in(from)	ftft.
DATE: Storted Jan. 7,1958, Completed Jan. 30,1958	12in.	60	80		0	_23
90					23	-54
TOTAL DEPTH 20	(diam.)	(from)	- IN (10)	or perfora	(opening size)	
BEDROCK atft.	in	f	t	ft		
GROUTING INFORMATION			PU	MP (installed)		
METHOD USED	TYPE			Can (anm)	250	
GROUTING MATERIAL	-			oup. (gpiii)_		
DEPTH OF GROUTING	H.P		Depth	of intake_		ft.
REMARKS: Construction on this well was ten	mporarily d	iscont	inue	d. but wa	s reoper	ed and
REMARKS: Construction on this well was ten 54 feet of standard 8" - #25 ste	el pipe wa	s grou	ited	in to sur	face of	ground.
					-	
			-		+	
				Log of	well (over)	

FURNISHED BY The Kroger Company

DATE: April 24, 1958

Compiled by Southern Drilling Company

April 24, 1958

(fee		TYPE OF SOIL OR ROCK PENETRATE	
FROM	то	(gravel, clay, etc., hardness, color, etc.	(water, caving, shot, screen, sample, etc.)
0	20	clay, tan, soft	Caving, through sand gravel and small cobles
20	62	limestone, blue, hard	Solid and hard
62 /	80	opening, soft	mud, sand and loose cobles, som as large as 12" in diameter.
			TATIC WATER BASES #12 ATER ZONES (heades or formations seed and violet) (tom) (tom) (to) Heades (to)
			CUANTITY OF WATER COUNTY OF WATER County C
			OW (notern) 1 Supply developed at \$2 to 80 Y
			NOR MITCHLEY CLOSER ADDRESS VALUE CONTROL ADDRESS VALUE ADDRESS VALU
		8	SRUTARSMI. NATER WATER Consulted from Distance
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	nec.	(mag) geo 39YT	GROUTING INFORMATION
		edition to step 9 9.4	OUTING MATERIAL PTH OF GROUTING
	engagan 10 en	porarily discontinued, but were	MARKS: Construction on this ell es the
	(med)	and the second s	



INTERVAL SHEET

Page		VDMR WELL NO. : WELL NO. 354					
)		Sample Interval: from 0 to 80					
PROP:	PROP: KROGER CO. COUNTY: ROANOKE VDMR JELL NO.: 354	Total Depth 80?					
COMP:	FROM: TO:	OilG	asWater_	_Exploratory			
COUNTY:		Cuttings	Core	Other			
From-To	From-To	From-To	From-To	From-To			
0 -8			-				
8 -17			44				
17-20	4 7		-				
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