

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
 DIVISION OF MINERAL RESOURCES

WWCR# 296
 VDMR# 553

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Kelly Feeds Inc. Mailing Address: Timberville, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co. Mailing Address: Richmond 12, Va.
 WELL LOCATION: County Rockingham Approx. _____ ft. miles
 (direction) of _____ and _____ of _____
 (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 35'
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 2 Gal. per Min. with
230 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: This well could pump 3-4 gpm with pump.

QUALITY OF WATER

COLOR OK TASTE OK
 ODOR OK OTHER _____
 ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 WATER _____ (from) _____ ft. _____ ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

Well drilled on Kelly Feeds Farm about 2 miles south of Fulks Run post office.

CONSTRUCTION

RIG TYPE (or method) Air rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started 7-13-61; Completed 7-13-61
 TOTAL DEPTH _____ ft.
 BEDROCK at 4 ft.

HOLE SIZE

(diam)	(from)	(to)
<u>5 5/8"</u>	<u>0</u> ft.	<u>45</u> ft.
<u>5</u>	<u>45</u>	<u>236</u>

CASING SIZE

(diam)	(from)	(to)
<u>5</u> in.	<u>0</u> ft.	<u>14</u> ft.

SCREEN (or perforations)

(diam)	(from)	(to)	(opening size)
_____ in.	_____ ft.	_____ ft.	_____

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

PUMP (installed)

TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: Static level could vary with weather - old well flowed over the top for a long time.
14' of 5" casing driven to resistance in old well (5 5/8").
See back for old well info.
Log and samples furnished Div. of Min. Resources.

Rig 65

Data from Driller Mitchell's notes

by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
		Old well at Kelly Feeds Farm is located at southwest side of residence and was 5 5/8" X 5 5/8 X 45' -(5'-6' of 5 5/8" casing). This well flowed for years, and was very satisfactory until the hand pump was removed and a power pump installed. This well was of poor construction.	
		A length of pipe was driven to resttance in the old well and drilled deeper. See log below.	
45	82	gray shale (there was a trace in bottom of old well)	
82	147	blue shale	
147	191	gray shale (most of water coming from this area)	
191	236	blue shale	
	48'	moisture old well	
	160'	1 gpm plus	
	180'	2 gpm	
	236	2 gpm	No noticable increase in flow from 180 to 236'.
		Suggest deep pump setting.	

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WATER WELL COMPLETION REPORT

296
 W-553

OWNER: Kelly Feeds Inc Mailing Address: Timberville, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydney Pump & Well Co Inc Mailing Address: Richmond 12 Virginia
 WELL LOCATION: County Rockingham (GEMOA) Approx. _____ ft. miles
 (direction) of _____ and _____ ft. miles of _____
 (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH 35'
 STATIC WATER LEVEL: _____
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 2 Gal. per Min. with
230 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)

REMARKS: This well could pump 3-4 GPM with pump.

QUALITY OF WATER

COLOR ok TASTE ok
 ODOR ok OTHER _____
 ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 WATER (from) _____ ft. (to) _____ ft.
 (salt, brackish, iron, sulfur, acid, other)
 USE OF WATER: Domestic Town Industry Farm Public

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 Well drilled on Kelly Feeds Farm about 2 miles south of Fulks Run Post office
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CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc...)
 DATE: Started 7-13-61; Completed 7-13-61
 TOTAL DEPTH 236 ft.
 BEDROCK at 4 ft.

HOLE SIZE			CASING SIZE		
(diam)	(from)	(to)	(diam)	(from)	(to)
5 5/8"	0	45	5	0	14'
5	45	236			
SCREEN (or perforations)			SCREEN (or perforations)		
(diam.)	(from)	(to)	(diam.)	(from)	(to)

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

PUMP (installed)
 TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

REMARKS: Static level could vary with weather - old well flowed over the top for a long time
14' of 5" casing driven to resistance in old 5 5/8" Well. See back for old well info.

Log & samples furnished Div of Min. Resources

LOG

FURNISHED BY Sydnor Pump and Well Co Inc DATE: 7-14-61

Rig 65

Data from Eriller Mitchell's Notes

By June 2nd 61

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
			Old well at Kelly Feeds Farm is located at South West Side of Residence and was 5 5/8" x 5 5/8" x 45' - (5'-6" of 5 5/8" casing. This well flowed for years, and was very satisfactory until the hand pump was removed and a power pump installed. This well was of poor construction.
			A length of pipe was driven to Resistance in the old well and drilled deeper - see log below
45	82	gray shale.	- (There was a trace in bottom of old well)
82	147	Blue shale	
147	191	gray shale	(most of water coming from this area)
191	236	Blue shale	
		48' moisture old well	
		160' 1 GPM plus	
		180' 2 GPM	
		236' 2 GPM	No Noticeable increase in flow from 180 to 236'
		Suggest deep pump setting	