

**STATE OF MARYLAND**  
**DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES**  
 The Johns Hopkins University  
 BALTIMORE 18, MARYLAND

**WELL COMPLETION REPORT**

*This report must be submitted within 30 days after completion of the well*

WELL DESCRIPTION				Permit Number <u>6-Ten (10)</u>
WELL LOG		CASING AND SCREEN RECORD		Name of Owner
State the kind of formations penetrated, their depth, their thickness, and if water-bearing		State the kind and size of casing, liner, shoe, screen, and other accessories (if no casing used, give diameter of well)		Name of Owner
GW-1515, Artie E. Dodge #2 Started drilling 11-30-54 Completed drilling 2-17-55	<b>FEET</b> from.....to.....	Casing record 13-3/8" D.P. 10-3/4" ran with packer at 152' 8-5/8" ran with packer at 852' 7" ran with shoe at 3700' Fresh water 40' Fresh water 733'	<b>DIAM.</b> (inches) Am't run 31' 153' 860' 10" 3730' 5" hole full 200' 6 hrs.	<b>FEET</b> from.....to..... 31' 153' 860' 10" 3730' 5"
<b>Formation:</b> Top Soil 0 10 Slate & Shells 10 260 Lime 260 300 Slate & Shells 300 338 Lime 338 395 Slate & Shells 395 504 Lime 504 555 Slate & Shells 555 2354 Brown Shale 2354 2412 Slate & Shells 2412 2604 Shale 2684 3270 Slate & Shells 3270 3355 Shale 3355 3650 Lime 3650DLH ---11 3624SLH 3779 Shale 3779 3829 Sand 3829 3986  TOTAL DEPTH - - - 3986'				
<b>PUMPING TEST</b>				
				Hours Pumped.....
				Pumping Rate Gallons per Minute.....
<b>WATER LEVEL</b>				
				Distance from land surface to water:
				Before Pumping.....Ft.
				When Pumping.....Ft.
<b>APPEARANCE OF WATER</b>				
				Clear.....
				Cloudy.....
				Taste.....
				Odor.....
				Height of Casing Above Land Surface .....Ft.
<b>PUMP</b>				
				Type.....
				Capacity
				Gallons per Minute.....
				Gallons per Hour.....
				Pump Column Length.....Ft.
<b>REMARKS</b>				
March 3, 1955 - No gas before fracturing. Hydrafraced with 2400 gal. kerosene and 4500# sand. Pumped in 40 bbls. flush. Maximum pressure 3600#. - cleaned out to bottom - no evidence of gas.				
May 5, 1955 - Ran Baker Retrievable Packer at 3625'. Ran 2 bbls. oil, 350 gal. NCA displaced with 12 bbls. water. Maximum pressure 2400# - levelled off to 2200#. Swabbed dry - show of gas. Ran 2 bbls. oil, 400 gal NCA displaced with 27 1/2 bbls. water. Maximum pressure 2500#. Pumped in at 2000#. Levelled off there. Swabbed to bottom - show of gas. Let set 8 hours - 200' fluid in hole. Swabbed off, and pumped in 45 bbls. water at 2200#. Mixed gel and pumped in 1000 gal. kerosene followed with 1700# sand. Pressure started at 3200# climbed to 4200#. Displaced with 65 bbls. oil. cleaned out to 3275'. Gas showing 16,432 cu. ft.				
5-12 perforated Crislow sand with ball-valve from 3700' to 3800'. Set Baker Retrievable Packer at 3800'. Pumped in 40 bbls. oil to break some formation. Called 1600 gallons kerosene, pumped in with 4000# sand at a surface pressure of 4700#. we could not get it in after fracturing				
				Well Was Completed (in) ..
				Date.....
				Well Driller.....
				Signature