

Why the name "Snake Run"? In the early days a member of a survey laid down at a spring to get a drink, was bitten in the head by a copperhead - and died.

Fracture	<input type="checkbox"/>
Before 6/5/29	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<input checked="" type="checkbox"/>
<i>issued 8/22/74</i>	

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia.  
 The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations.  
**PROVEN ELEVATION Elev. at mouth of run - 867'**

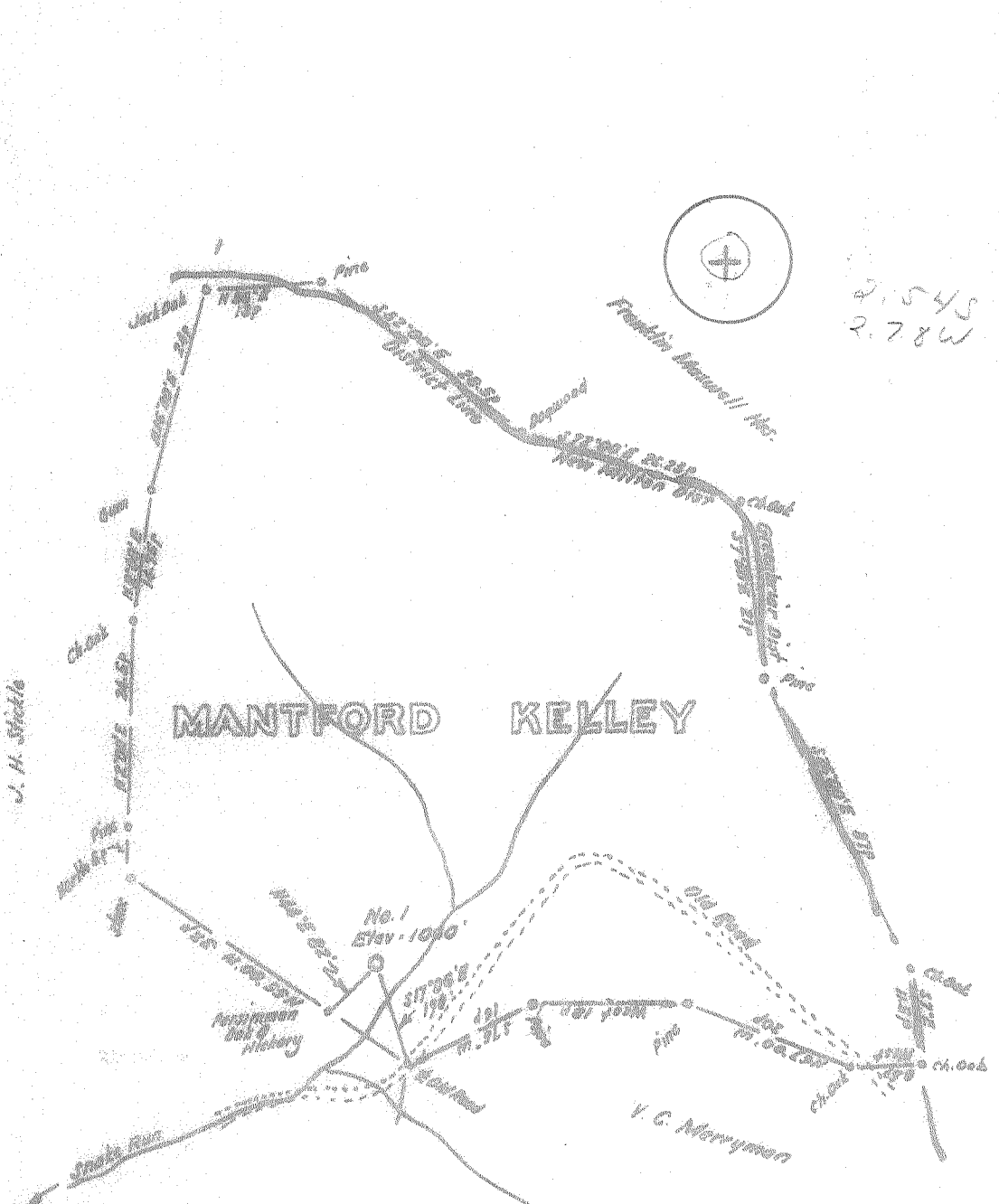
Company **FLOYD A. GEARHART**  
 Address **P.O. Box 748, Indiana, Penna.**  
 Farm **Mantford Kelley**  
 Tract Acres **28** Lease No. \_\_\_\_\_  
 Well (Farm) No. **One** Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) **1060**  
 Quadrangle **Vadia NC**  
 County **Doddridge** District **New Milton**  
 Engineer ***[Signature]***  
 Engineer's Registration No. **1227**  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date **Nov. 23, 1967** Scale **1" = 20p = 330'**

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. **DOD - 1491-P**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.  
 - Denotes one inch spaces on border line of original tracing.

**47-017**



2.545  
2.78W

Why the name "Snake Run"? In the early days a member of a survey laid down at a spring to get a drink, was bitten in the head by a copperhead - and died.

Fracture Before 6/5/29 <input type="checkbox"/>	I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by Paragraph 5 of the Rules and Regulations of the Oil and Gas Section of the Mining Laws of West Virginia. The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations. PROVEN ELEVATION <u>Elev. at mouth of run = 867'</u>
New Location <input checked="" type="checkbox"/>	
Drill Deeper <input type="checkbox"/>	
Redrill <input type="checkbox"/>	
Abandonment <input type="checkbox"/>	

Company **FLOYD A. GEARHART**

Address **PO Box 742, Indiana, Penna.**

Farm **Mantford Kelley**

Tract \_\_\_\_\_ Acres **20** Lease No. \_\_\_\_\_

Well (Farm) No. **One** Serial No. \_\_\_\_\_

Elevation (Spirit Level) **1060**

Quadrangle **Yadix** **NC**

County **Doddridge** District **New Milton**

Engineer **[Signature]**

Engineer's Registration No. **1227**

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date **Nov. 23, 1967** Scale **1" = 200' = 330'**

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION  
CHARLESTON

**WELL LOCATION MAP**  
FILE NO. **800-1491**

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 3

Rotary  to 2064'  
Spudder   
Cable Tools  2064' to 2371'  
Storage

WELL RECORD

Oil or Gas Well  oil (KIND)

Quadrangle Vadis  
Permit No. Dod 1491

Company Floyd A. Gearhart  
Address P.O. Box 748, Indiana, Pa. 15701  
Farm Mantford Kelley Acres 28  
Location (waters) Snake Run  
Well No. one Elev. 1060'  
District New Milton County Doddridge  
The surface of tract is owned in fee by Herman Stichel  
Address New Milton, W. Va.  
Mineral rights are owned by Mantford Kelley  
Address Flint, W. Va.  
Drilling commenced Jan 21, 1968  
Drilling completed March 14, 1968  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume Cu. Ft.  
Rock Pressure lbs. hrs.  
bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 3/4	2064'	2064'	
5 3/16	2364'	2364'	
4 1/2			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

WELL ACIDIZED (DETAILS)  
WELL FRACTURED (DETAILS) Halliburton Company, April 16, 1968, 400 gallons acid and 700 bbl. water through perforations at 2134'-2136' and 2182'-2184' ← Big Inj.  
RESULT AFTER TREATMENT (Initial open Flow or bbls.) Keener not determined  
ROCK PRESSURE AFTER TREATMENT Keener HOURS  
Fresh Water presence of water could not be determined with Rotary  
Producing Sand Keener sand Depth 2118' - 2160'

**1 BOPD**

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
red rock			0	35			
red stone			35	39			
red rock			39	68			
red stone			68	96			
shale			96	130			
red			130	173			
shale & shells			173	375			
lime			375	396			
shale & shells			396	568			
lime			568	595			
red			595	617			
shale & shells			617	708			
red			708	716			
shale & shells			716	725			
red			725	780			
shale & shells			780	1220			
red			1220	1240			
shale & shells			1240	1260			
red			1260	1290			

NOV 1968  
RECEIVED  
West Virginia  
Dept. of Mines

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
shale & shells			1290	1325			
sand			1325	1337			
shale & shells			1337	1415			
lime			1415	1435			
pink rock			1435	1473			
sand			1473	1645			
shale & shells			1645	1750			
sand			1750	1810			
shale & shells			1810	1900			
sand			1900	1945			
lime			1945	1955			
sand			1955	1970			
red rock			1970	2020			
little lime			2020	2040			
shale & shells			2040	2070			
Big lime			2070	2118			
Keener sand			2118	2160			
Big Injun			2160	2216			
shale			2216	2285			
silt stone			2285	2371			
				T.O. 2371'			
					small shows of gas and oil in the Keener and Big Injun sands		

Date November 16, 1968  
 APPROVED Floyd A. Gearhart, Owner  
 By Robert Bates agent  
 (Title)