



Company	Hayes Oil & Gas Co.
Address	Clendenin, W. Va.
Farm	F. M. Ray
Acres	69.6
Well (Farm) No.	One
Elevation (S.P.)	805'
Quadrangle	Kenna <i>S.C.</i>
County	Kanawha
District	Poca
Engineer	A. E. Price
Eng. Reg. No.	819
Date	July 18, 1938
Scale	1" = 20 po. = 330'

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Kan-570

X Denotes location of well on U. S. 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.

6-6-1938 ✓

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION

W E L L R E C O R D

Permit No. Kan-570

Gas Well

Kenna Quad.

C A S I N G & T U B I N G

Company	Hays Oil & Gas Co.	13	638
Address	Clendenin, W. Va.	8-1/4	1883-1 1883-1
Farm	F. M. Ray ACRES 69.6	6-5/8	4904-2 4904-2
Location	Poca River		
Well No.	One ELEV. 805		
District	Poca - Kanawha County	PACKER:	
Surface & Mineral	F. M. Ray, et al	16" Natl. Shoe on	
	Sissonville, W. Va.	7" OD casing	
		Set at 4921	
Drilling commenced	Sept. 1, 1938	16" Natl. Shoe on	
Drilling completed	Nov. 25, 1938	8-1/4" casing	
Date shot	No shot	Set at 1881	
Open Flow	71/10ths Mer. in 7" O.D. 24#		
Volume	14,731,000 c.f.	C A S I N G C E M E N T E D:	
Rock pressure	1350 lbs. 48 hrs.	8-1/4" csg. 20 bags	
Salt Water	1270	7" O.D. " 20 bags	

Formation Color ^{HAY} TOP Base Result Formation Color ^{HAY} TOP Base Result

Mud		0	50							
Sand		50	100							
Mud		100	160							
Sand		160	185							
Blue Mud		185	210							
Red Rock		210	220							
Blue Mud		220	265							
Red Rock		265	325							
Slate & Mud		325	350							
Red Rock		350	360							
Slate & Mud		360	570							
Sand		570	622							
Slate		622	638							
Sand		638	710							
Slate		710	760							
Sandy Lime		760	875							
Slate Shells		875	950							
Sand		950	980							
Slate & shells		980	1190							
Sand		1190	1220							
Slate		1220	1240							
Salt Sand		1240	1610							
Slate		1610	1612							
Maxon		1612	1625							
Little Lime		1625	1645							
Pencil		1645	1647							
Big Lime		1647	1778							
Slate		1778	1780							
Big Lime		1780	1867							
Slate		1867	1870							
Black Lime		1870	1900							
Slate & shells		1900	2267							
Berea Shells		2267	2400							
Slate & shells		2400	3950							
Brown Shale		3950	4050							
Slate		4050	4500							
Dark Shale		4500	4800							
Slate		4800	4850							
Black Shale		4850	4909							
Corniferous Lime		4909	5027							
Oriskany Sand		5027	5044	Gas 5028	to 5044					
Total Depth			5044	Gas						