



P. 457 8 C (I-5)

Ground Elev 796.3 (spirit)

Company	Godfrey L. Cabot, Inc.
Address	600 Union Bldg. Chas. W.Va.
Farm	Humphreys-Morton
Tract	Acres 60 Lease No. 4-611
Well(Farm) No.	1 Serial No. 911
Quadrangle	Kenna (M)
County	Kanawha
District	Poca
Engineer	O.L. Fitz Randolph
Engineer's Registration No.	806
File No.	Drawing No.
Date	June 29, 1937 Scale 1"-1320'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP

File No. KAN-410

+ 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.

Deep Well

WELL REPORT

Humphreys-Morton #1, Serial #911
Poca District, Kanawha County, W. Va.

Drilling commenced July 15, 1937
Drilling completed - November 26, 1937

Elevation - 798.3

KAN 410

Casing and Tubing
Used in Drilling Left in Well

Size	Used in Drilling	Left in Well
Conductor	14'	14'
13-3/8"	359'	359'
10-3/4"	1676'	1676'
8-5/8"	1935'	1935'
7" OD	4898'	4898'
2-3/8"	4981'	4981'

INITIAL OPEN FLOW

120/10ths Hg. in 2" 20,000 W.

Not shot

Rock Pressure 1875# 24 Hrs.

Tubed & Shut in 11/26/37

Surface	0	15			7" O.D. casing and 8-5/8"
Red Rock	15	56			O.D. casing cemented in by
Blue Slate	56	130	Water (Fresh)	100'	Halliburton Oil Well
Red Rock	130	140			Cementing Company.
Slate & Shells	140	186			
Red Rock	186	195			
Blue Slate	195	270			
Red Rock	270	313			
Blue Slate	313	345			
Red Rock	345	354			
Blue Slate	354	410			
Red Rock	410	420			
Sand	420	439			
Red Rock	439	452			Tubed by Otis, Eastern
Slate & Shells	452	523			Service, Inc.
Coal	523	525			
Slate	525	566			
White Sand	566	626			
Slate & Shells	626	670			
White Sand	670	701			
Slate	701	745			
White Sand	745	797			
Coal	787	790			
White Sand	790	875			
Slate	875	960			
White Sand	960	996			
Black Slate	996	1054			
Sand	1054	1070			
White Slate	1070	1180			
Salt Sand	1180	1625	Show of oil	1200'	
Slate	1625	1632	Salt Water	1245'	2 bailers per hr.
Lime	1632	1656	Salt Water	1275'	1 " "
Pencil	1656	1661	Salt Water	1315'	Hole full
Big Lime	1661	1816			
Kemmer Sand	1816	1832	Show of oil	1842'	
Big Injun Sand	1832	1879	Salt Water	1850'	1 bailer per hr.
Slate & Shells	1879	1922	Salt Water	1858'	
Black Lime	1922	2011			
Slate & Shell	2011	2288			
Brown Shale	2288	2294			
Berea Sand	2294	2306			
Slate & Shell	2306	3520			
Brown Shale	3520	3560			
Slate & Shell	3560	3830			
Brown Shale	3830	4130			
White Shale	4130	4565			
Brown Shale	4565	4780	Show of gas	4600'	Not enough to gauge
White Shale	4780	4800			
Brown Shale	4800	4866	" "	4820'	" "
Corniferous Lime	4866	4971	Gas	4972'	11/10 Water in 7" O.D.
Oriskany Sand	4971	4981	(1 hr. after blown off)	4972'	21/10 Hg. in 7" O.D.
			Gas	4973'	37/10 Hg. in 7" O.D.
			Gas	4974'	45/10 Hg. in 7" O.D.
			Gas	4975'	60/10 Hg. in 7" O.D.
			Gas	4976'	80/10 Hg. in 7" O.D.
			Gas	4979'	92/10 Hg. in 7" O.D.
			Gas	4981'	120/10 Hg. in 7" O.D.

No 5 Block

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan-410

Gas Well

Kenna Quad.

CASING & TUBING

Company	Godfrey L. Cabot, Inc.	Wood Cond.	14	14
Address		13 3/8	359	359
Farm	Humphreys Morton Acres	10 3/4	1676	1676
Location		8 1/2	1935	1935
Well No.	1 Elev. 796.3	7" O.D.	4898	4898
District	Poca County Kanawha	2 3/8	4981	4981
Surface				
Mineral				
Drilling	Commenced July 15, 1937	Tubed under pressure- 11/26/37.		
	Completed Nov. 26, 1937			
Date Shot	Not shot	Perf. top 4970		
Volume	20,000,000 Cu.Ft.	Perf. bot. 4976		
Rock Press.	1875# 24 hrs.			

7" O.D. casing and 8 5/8" casing cemented in by Halliburton Oil Well Cementing Co.

Formation	Color	Hor	TOP	Base	Result	Formation	Color	Hor	TOP	Base	Result
Surface			0	15		Shale	Brown		4565	4780	
Red Rock			15	56		Shale	White		4780	4800	
Slate	Blue		56	130		Shale	Brown		4800	4866	
Red Rock			130	140	Water	Corniferous	Lime		4866	4971	
Slate & Shells			140	186	100'	Oriskany Sand			4971	4981	Sh.
Red Rock			186	195							Gas
Slate	Blue		195	270							4600
Red Rock			270	318							Not
Slate	Blue		318	345							enough
Red Rock			345	354							to
Slate	Blue		354	410							gauge
Red Rock			410	420							
Sand			420	439							Sh. Gas
Red Rock			439	452							4820
Slate & Shells			452	523							Not
Coal			523	525							enough
Slate			525	566							to
Sand	White		566	626							gauge.
Slate & Shells			626	670							
Sand	White		670	701							S.L.
Slate			701	745		1st Gas		4972	11/10W. in	7" O.D.	4989
Sand	White		745	787		1 hr. After					
Coal			787	790		blown off		4972	21/10 M. in	7" O.D.	
Sand	White		790	875		" "		4973	37/10 M. in	7" O.D.	
Slate			875	960		Gas		4974	45/10 M. "	"	
Sand	White		960	996				4975	60/10 M. in	"	"
Slate			996	1054				4976	80/10 M. in	"	"
Sand			1054	1070				4979	92/10 M. in	"	"
Slate	White		1070	1180				4981	120/10 M. in	"	"
Salt Sand			1180	1625							
Shale			1625	1632	Sh. Oil						
Lime			1632	1656	1200						
Pencil			1656	1661							
Big Lime			1661	1816	Water						
Keener Sand			1816	1832	1245	2 bailers pr. hr.					
Big Injun Sand			1832	1870	Water						
Slate & Shells			1870	1922	1275	1 bailers pr. hr.					
Lime	Black		1922	2011							
Slate & Shell			2011	2288	Water						
Shale	Brown		2288	2294	1315	Hole Full					
Berea Sand			2294	2306							
Slate & Shell			2306	3520	Sh. Oil						
Shale	Brown		3520	3560	1842						
Slate & Shell			3560	3830							
Shale	Brown		3830	4130	Water						
Shale	White		4130	4565	1850	1 bailer pr. hr.					