



Company R.F. FORTH & C.A. HENDERSON Co.
 Address 167 DIDDING AVE. HURRICANE, W.VA.
 Farm RONALD & RUTH MILLER
 Tract _____ Acres 140 3/4 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 600
 Quadrangle MILTON NE
 County PUTNAM District TEAYS VALLEY
 Engineer J. C. Ewing
 Engineer's Registration No. 309
 File No. _____ Drawing No. _____
 Date 12-21-60 Scale 1" = 400'

Corrected

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

WELL LOCATION MAP
 FILE NO. Put-677

+ 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.

ON Top of 662 6-6 210 ✓

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Milton PUT-677

Oil or Gas Well Oil & Gas
(Kind)

Company <u>R. F. Forth & G. A. Henderson, Agency</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>Hurricane, W. Va.</u>	Size			Kind of Packer
Farm <u>Ronald & Ruth Miller</u> Acres <u>216 or 144-3/4</u>	16			
Location (waters) <u>Big Hurricane Creek</u>	18	<u>31' 10"</u>	<u>31' 10"</u>	
Well No. <u>1</u> Elev. <u>600'</u>	10	<u>99' 5"</u>		Size of
District <u>Teays Valley</u> County <u>Putnam</u>	8 3/4	<u>614' 4"</u>		
The surface of tract is owned in fee by <u>Ronald & Ruth Miller</u> Address <u>Huntington, W. Va.</u>	6 5/8	<u>1768' 7"</u>	<u>1768' 7"</u>	<u>23 1/2</u> New Depth set
Mineral rights are owned by <u>Ronald & Ruth Miller</u> Address <u>Same</u>	5 3/16			
Drilling commenced <u>1-17-61</u>	3	<u>4"</u>	<u>2189' 3"</u>	<u>2158-2168'</u> Perf. top
Drilling completed <u>6-12-61</u>	2	<u>2"</u>	<u>2168' 10"</u>	Perf. bottom <u>28'</u>
Date shot <u>None - Sand Fro</u> Depth of shot <u>2158-2168'</u>	Liners Used		<u>None</u>	Perf. top
Open Flow <u>2</u> /10ths Water in <u>2"</u> Inch				Perf. bottom
<u>60,000</u> /10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.	CASING CEMENTED <u>4"</u> SIZE <u>300'</u> No. FT. _____ Date <u>6-29-61</u>			
Rock Pressure <u>410</u> lbs. <u>60</u> hrs.	COAL WAS ENCOUNTERED AT <u>None</u> FEET _____ INCHES			
Oil <u>11</u> _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Fresh water <u>28'</u> <u>35'</u> feet <u>135'</u> feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water <u>1065'</u> feet _____ feet				

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface	Dark	Soft	0	30	F Water	28'	
Mud	Light	"	30	40	"	35'	
Mud	Red	"	40	80			
Mud	Orange	"	80	100			
Mud	Red	"	100	120			
Sand	Blue	"	120	135	"	135'	
Mud	Red	"	135	150			
Slate	Blue	"	150	168			
R. Rock	Red	"	168	185			
Slate	Grey	"	185	200			
R. Rock	Red	"	200	210			
Slate	Grey	"	210	220			
R. Rock	Red	"	220	267			
Slate	Grey	"	267	273			
Sand	Light	"	273	312			
Slate	Blue	"	312	338			
Sand	Grey	"	338	355			
Slate	Light	"	355	380			
Sand	Light	Firm	380	463			
Mud	White	Soft	463	470			
Sand	Light	"	470	482			
Slate-Sand	Light	"	482	596			Broken up
Slate	Blue	"	596	625			
Sand-Slate	Light	Firm	625	880			"
Sandy Lime	Light	"	880	925			
Slate	Blue	Soft	925	993			
Salt S.	Grey	Firm	993	1145	Salt W.	1065'	"
Slate	Dark	Soft	1145	1155			
Sand 2nd S	Light	Firm	1155	1325			
Slate	Dark	"	1325	1333			
Maxton S.	Light	Hard	1333	1440			
Big Lime	Light	"	1440	1597	Gas	1532-1535'	10/10 1"W
Keener S.	Light	"	1597	1640			
Slate	Dark	Firm	1640	1645			
Big Injun	Light	Hard	1645	1711			
Slate-Shell	Light	"	1711	2144			
Coffee	Dark	Soft	2144	2150			
Berea	Light	"	2150	2176	Gas & Oil Show	2158-2168'	
Shell	D. Grey	Hard	2176	2201	Total Depth Drilled		