

New Location
 Drill Deeper
 Abandonment

Coal sold to Van Swearington, Trustee. Now owned by the State of West Virginia
 Surface: - Grover J. Johnson, West Union, W. Va.

Company **R. C. BATCHELOR**
 Address **Box 116, West Union, West Va.**
 Farm **Grover J. Johnson**
 Tract _____ Acres **81.0** Lease No. _____
 Well (Farm) No. **One** Serial No. _____
 Elevation (Spirit Level) **877**
 Quadrangle **Yadis NW**
 County **Doddridge** District **New Milton**
 Engineer *[Signature]*
 Engineer's Registration No. **1227**
 File No. _____ Drawing No. _____
 Date **August, 1960** Scale **1" = 30 poles**

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

WELL LOCATION MAP
 FILE NO. **DOD - 455**

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle Vadis

Permit No. DOD- 455-R

WELL RECORD

Gas
Oil or Gas Well Oil
(KIND)

Company P. & J. Oil & Gas Company
Address West Union, W. Va.
Farm Grover Johnson Acres 81
Location (waters) Biddle Island Creek
Well No. 1 Elev. 833
District New Milton County Doddridge
The surface of tract is owned in fee by
Grover Johnson Address West Union, W. Va.
Mineral rights are owned by
Grover Johnson Address West Union, W. Va.
Drilling commenced August 22, 1961
Drilling completed September 28, 1961
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in. 3" Inch
Volume 1,052,000 Cu. Ft.
Rock Pressure 780# lbs. 12 hrs.
Oil _____ 1 bbls., 1st 24 hrs.
WELL ACIDIZED NO
WELL FRACTURED NO

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	140'		Size of
8 1/4	450'		
6 3/4	1116'		Depth set
5 3/4	1917'	1917'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

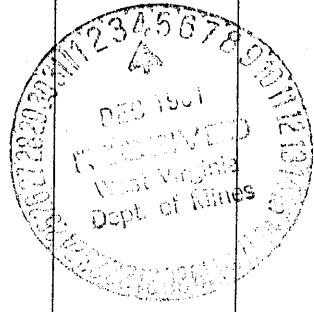
9-6-61
CASING CEMENTED Yes SIZE 5-1/2" No. Ft. 400 Date
Garaton Service Inc. 20 sks. cement
COAL WAS ENCOUNTERED AT 2 sks. aquagel
FEET INCHES
FEET INCHES
FEET INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sandy shale			0	20			
Red Rock			20	50			
Slate			50	100			
Red Rock			100	150			
Slate			150	170			
Lime			170	200			
Slate			200	240			
Lime			240	248			
Sand			248	260			
Slate			260	270			
Sand			270	275			
Shale			275	285			
Red Rock			285	290			
Shale			290	320			
Sand			320	330			
Slate			330	350			
Red Rock			350	390			
Slate & Shells			390	410			
Sand			410	425			
Shale			425	440			
Lime			440	450			
Shale			450	610			
Sand			610	648			
Shale			648	650			
Red Rock			650	670			
Shale			670	675			
Lime			675	680			
Shale			680	715			
Lime			715	720			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			720	765			
Plate			765	775			
Red Rock			775	790			
Shale			790	850			
Shale	Black		850	950			
Plate	White		950	1000			
Slate&Shells			1000	1045			
Sand			1045	1065			
Slate	Black		1065	1090			
Lime			1090	1116			
Sand			1116	1155			
Lime			1155	1180			
Sand			1180	1235			
Slate			1235	1280			
Lime			1280	1330			
Sand			1330	1370			
Lime			1370	1420	Water	1385'	
Sand			1420	1430			
Sand			1430	1445			
Lime			1445	1450			
Black Slate			1450	1488			
Sand			1488	1495			
Slate			1495	1620			
Sand			1620	1660			
Black Lime			1660	1670			
Slate			1670	1755			
Lime			1755	1772			
Slate			1772	1790			
Lime			1790	1830			
Black Slate			1830	1840			
Sand			1840	1863			
Lime			1863	1868	Gas&Oil	1868'	
Sand			1868	1905			
			1905	1918	Gas		
			1918	1930	Oil	1929-1930	
Sand			1930	1943	Oil	1938-1943	
			1943	1989	Gas	1989	
			1989	2000			
		T. D.	2000				

Date November 30, 1961, 19

APPROVED P. and J. Gas Company, Owner

By Clarence Powell, Agent
(Title)