



Fracture	<input type="checkbox"/>
Before 6/5/27	<input type="checkbox"/>
New Location	<input checked="" type="checkbox"/>
Drill Deeper	<input type="checkbox"/>
Redrill	<input type="checkbox"/>
Abandonment	<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. 1 IN 500 PROVEN ELEVATION 4562.64, 599' ROAD INTERSECTION SOUTH OF WOLF PEN CR.

Company Federal L. Prime, Oil Co.

Address and what Alst Before, Ohio

Farm CHARLES G. GARNET

Tract _____ Acres 100.00 Lease No. _____

Well (Farm) No. 1 Serial No. _____

Elevation (Spirit Level) 703.57

Quadrangle CHARLESTON

County KANAWHA District UNION

Engineer W. L. Saffon

Engineer's Registration No. 1832

File No. _____ Drawing No. _____

Date Nov 29 '66 Scale 1" = 1320'

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

WELL LOCATION MAP
FILE NO. KAN-2089

+ 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.

6-6 Rocky Fork (312) Deep Well (Newburg)

38-30
1-42



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

Rotary
 Mudder
 Cable Tools F. HULL
 Storage
 Oil or Gas Well Gas (KIND)

Quadrangle Charleston
 Permit No. KAN-2089

WELL RECORD

Company POWVA OIL COMPANY
 Address P.O. Box 1486, Parkersburg, W.Va. 26101
 Farm Garnett Acres 76
 Location (waters) Rockey Fork
 Well No. One Elev 703.5'
 District Union County Kanawha
 The surface of tract is owned in fee by Howard D. Garnett
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 3-1-67
 Drilling completed 3-18-67
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume 3,000,000 Cu. Ft.
 Rock Pressure 1460 lbs. 24 hrs.
 Oil None bbls., 1st 24 hrs.
 WELL ACIDIZED (DETAILS) _____
 WELL FRACTURED (DETAILS) 1000 BBLs - 30,000 sand
 RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1.85 Million Cu. Ft. per day
 ROCK PRESSURE AFTER TREATMENT 1460 PSI HOURS _____
 Fresh Water _____ Feet _____ Salt Water _____ Feet _____
 Producing Sand Oriskany Depth 4700 - 4720

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13 3/8	60'	60	Size of
10			
8 5/8	1850	1850	Depth set
6 3/4			
5 3/16	5400	5400	Perf. top <u>4700</u>
4 1/2			Perf. bottom <u>4710</u>
3			Perf. top _____
2			Perf. bottom _____
Liners Used			
Attach copy of cementing record			60 w/50 sacks
CASING CEMENTED <u>8-5/8</u> SIZE <u>1850</u> w/250 sacks			Date _____
Amount of cement used (bags) <u>300</u>			
Name of Service Co. _____			
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ FEET _____ INCHES _____ FEET _____ INCHES			

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand	Brown	Soft	0	160			
Sand, shale & red rock	Brown & Red	Hard	160	358			
Red Rock	Red	Hard	358	417			
sand and shale	Gray & Black	Firm	417	1036			
Sandy shale	Gray	Firm	1036	1240			
Sand	White	Hard	1240	1485			
Lime - Little L.	white	Hard	1485	1505			
Shale - P. Cave	Gray	Firm	1505	1514			
Lime - Big L.	White	Hard	1514	1600			
sand w/sh. streaks	Gray	Hard	1600	1680			
Shale	Gray	Dense	1680	1694			
Sand - Square	Gray to White	Hard	1694	1734			
Shale	Gray	Firm	1734	1822			
Sand - West	White to Gray	Hard	1822	1853	Square		
Shale	Dark	Firm	1853	2160			
Sand - Barren	Gray to White	Hard	2160	2172	Berea		Show
Shale	Mottled Gray	Firm	2172	3374			
Shale w/lime Streaks	Gray to White	Hard	3374	3660			

(over)

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Formation	Color	Hard or Soft	Top <i>3</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale w/sand streaks	Gray	Hard	3660	3904			
Shale	Dark	Hard	3904	4600			
Lime - <i>crinoidal</i>	White	Hard	4600	4690			
Sand	white	Hard	4690	4720	Oriskany	Gas	1,000,000 Natural
Lime <i>crinoidal</i>	White	Hard	4720	5412			
Sand <i>crinoidal</i>	White	Hard	5412	5436	Newburg	Gas	Show
Sand w/shale streaks	Gray	Hard	5436	5467	T.D. <i>McKenzie</i>		

Date _____, 19____
APPROVED *James O'Neil*, Owner
By *Stewart Brock*
(Title)