

CORRECTED PERMIT NO - 2-1-66

- Drill Deeper . . . .
- Redrill . . . . .
- Abandonment . . . . .

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 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.  
Minimum degree of accuracy is one part in 200

Company JAMES DRILLING COMPANY  
 Address 250 NEWPORT ROAD, BLAIRSVILLE, PA.  
 Farm HAZEL WHITING ETAL  
 Tract \_\_\_\_\_ Acres 120 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 872.3'  
 Quadrangle RIPLEY S.W.  
 County JACKSON District RIPLEY  
 Engineer J. Riley  
 Engineer's Registration No. 663  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DEC. 31, 1965 Scale 1" = 660'

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

**WELL LOCATION MAP**  
 FILE NO. JAC-1120-P  
CORRECTED PERMIT NO

+ 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

*Miss Phillips  
for testing  
at - 4 - 6  
WB*

Quadrangle Ripley

Permit No. JAC 1102-1120

WELL RECORD

Oil or Gas Well GAS  
(KIND)

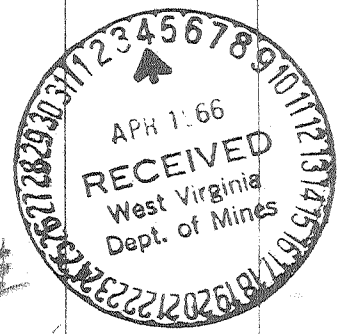
Company James Drg. Corp.  
Address 250 Newport Road Blairsville, Pa.  
Farm Haselwhiting Acres 120  
Location (waters) Mill Creek  
Well No. 1 Elev. 873.3  
District Ripley County Jackson  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 1-20-66  
Drilling completed 2-10-66  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in show Inch \_\_\_\_\_  
/10ths Merc. in \_\_\_\_\_ Inch \_\_\_\_\_  
Volume After frac 680 M Cu. Ft. \_\_\_\_\_  
Rock Pressure 1160 lbs. 16 hrs. \_\_\_\_\_  
Oil \_\_\_\_\_ bbls., 1st 24 hrs. \_\_\_\_\_  
WELL ACIDIZED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
<del>16</del> <u>32</u>			
<del>16</del> <u>9 5/8"</u>	<u>32'</u>	<u>32'</u>	Size of
<del>16</del> <u>8 7/8"</u>	<u>2237'</u>	<u>2237'</u>	Depth set
<del>16</del> <u>2 3/8 4.6</u>	<u>5162.04</u>	<u>5162.04</u>	Perf. top <u>5040</u> )
	<u>5035</u>	<u>5035</u>	Perf. bottom <u>5044</u> )
Liners Used	<u>none</u>	<u>none</u>	Perf. top <u>5050</u> )
			Perf. bottom <u>5053</u> )

WELL FRACTURED Water frac Dewell- 2-22-66  
Water used 20,538 gals. Sand used 20/40 - 30,000lbs  
RESULT AFTER TREATMENT  
ROCK PRESSURE AFTER TREATMENT 1160 @ 16 hrs. 1290 22 hrs.  
Fresh Water none Feet \_\_\_\_\_ Salt Water 2100 Feet \_\_\_\_\_

9 5/8 34 32' 15000-1-20-66  
CASING CEMENTED 7" 264 SIZE 2237 No. Ft. 2-1-66 Date \_\_\_\_\_  
" " 4 1/2" 1160 5162.04 2-7-66 " \_\_\_\_\_  
No  
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
Slate & Sand			0	72			
Red Rock & Shale			72	385			
Shale			385	980			
Shale & Sand			980	1290			
Shale			1290	1435			
Sand & Shale Streaks			1435	1489			
Shale			1489	1600			
Shale & Slate w/Sand Strks.			1600	1747			
Sand & Shale Streaks			1747	1840			
Shale & Sand			1840	1875			
Sand			1875	1970			
Shale & Sand			1970	2066			
Shale			2066	2178			
Shale & Sand			2178	2244			
Lime			2244	2253			
Shale			2253	2269			
Sandy Lime			2269	2505			
Sandy Lime & Shale			2505	2825			
Lime & Shale			2825	3103			
Shale			3103	3205			
Sandy Shale			3205	3585			
Lime & Shale			3585	4530			
Shale			4530	4939			
Lime Ononbaga - 463			4939	4995			
Lime & Sand			4995	5080			
Sand <del>at top</del>			5080	5085			
Lime & Shale			5085	5160			
Lime & Shale			5160	5162			



Ononbaga Log Top = 4939'  
Oriskany Log Top = 5038' (over) 5085  
HELBURG - 5085 -



