

HARKER T. TENNANT

N. 15° 02' W

0.23-S  
3.60-W

141° 51' 17"

N. 85° 14' S

N. 40° 53' E

CHRISTOPHER

JOHN

GLENN

FLEMING

FLEMING  
115.588 ACRES

COAL

WELL No. 1  
ELEV. 1230.60

DWELLING

PUBLIC

ROAD

INEZ SHIVELY

BOCNE

Longitude 80 08

CASSVILLE

- New Location
- Drill Deeper
- Abandonment

Company Fleming and Tedro  
 Address Cassville, West Va.  
 Farm John Fleming  
 Tract 1 Acres 115.588 Lease No. 1  
 Well (Farm) No. 1 Serial No. 1  
 Elevation (Spirit Level) 1230.60  
 Quadrangle Blacksville  
 County Monongalia District Cass  
 Engineer D. Fred Talbot  
 Engineer's Registration No. 75  
 File No. F-1 Drawing No. 1  
 Date 8-22-1952 Scale 1"=400'

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

WELL LOCATION MAP  
 FILE NO. MON-204

+ 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 3

Quadrangle Blacksville

## WELL RECORD

Permit No. MON-204

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company C. H. Spriggs  
 Address Washington, Pennsylvania  
 Farm John Fleming Acres 115.5  
 Location (waters) \_\_\_\_\_  
 Well No. 1 Elev. 1230.60  
 District Cass County Monongalia  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced April 16, 1955  
 Drilling completed June 18, 1955  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 75,000 Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	500'	500'	Size of
8 1/4	1700'	1700'	
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

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 Found	Remarks
Clay			0	17			
Buff sand			17	97			
Waynesburg coal			97	105			
Lime			105	110			
Slate			110	145			
Lime			145	150			
Slate			150	177			
Lime			177	195			
Slate and shells			195	298			
Lime			298	304			
Slate			304	340			
Lime			340	365			
Mapletown coal			365	385			
Lime			385	392			
Pittsburgh coal			<del>392</del> ±466	464			
Slate and shells			464	475			
Bottom 13" hole			475	500			
Lime			500	518			
Red rock			518	600			
Slate and shells			600	695			
Lime and shells			695	700			
Slate and shells			700	705			
Red rock			705	880			
Sand			880	912			
Slate			912	932			
Sand			932	940			
Slate and shells			940	994			
Sand			994	1065			
Coal (Freeport)			1065	1175			
Slate			1175	1180			
Lime			1180	1182			
Slate and shells			1182	1193			
Sand			1193	1265			
Sand, slate and lime			1265	1276			
Sand			1276	1350			
Broken sand			1350	1385			

Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate and lime			1385	1490			
Red rock			1490	1628			
Slate and shells			1628	1645			
Lime			1645	1662			
Slate			1662	1679			
Big lime			1679	1696			
Bottom hole 10"			1696	1700			
Injun			1700	1768			
Big Injun	371		1768	1883			
Big Injun (Gas)			1883	1894			
Slate and shells			1894	1938			
Squaw sand			1938	1998			
Slate and shells			1998	2053			
Berea sand			2053	2075			
Slate and shells			2075	2095			
Lime (very hard)			2095				
Slate and shells			2095	2245			
Gantz sand			2245	2325			
Slate and shells			2325	2417			
50 Ft. sand			2417	2442			
Slate			2442	2455			
30 ft. sand			2455	2487			
Slate and shells			2487	2512			
Gordon Stray			2512	2553			
Red rock and shells			2553	2588			
Gordon sand			2588	2622			
Slate and shells			2622	2644			
4th sand			2644	2700			
Slate and shells			2700	2734			
Sand			2734	2750			
Sand and shells			2750	2765			
5th sand			2765	2832	Gas pay		
Slate and shells			2832	2902			
Elizabeth sand			2902	3017			
Slate and shells			3017	3043			
Sand			3043	3220			
Slate and shells			3220	3243			
Sand			3243	3390			
Slate and shells			3390	3402			
Slate and lime			3402	3790			
Total Depth				3816'			

(No water was encountered and 8" hole continued to bottom 3816' Well was shot in both pays - Big Injun and 5th sands)

Date \_\_\_\_\_, 19\_\_

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)