

3.09 S.  
1.64 W.

2 C (J-4)

- New Location...
- Drill Deeper.....
- Abandonment.....

Company PUTNAM NATURAL GAS  
 Address CHARLESTON, W. VA  
 Farm JOHNSON & TISON  
 Tract \_\_\_\_\_ Acres 80 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 4  
 Elevation (Spirit Level) 730.  
 Quadrangle ST ALBANS - NC  
 County PUTNAM District SCOTT  
 Engineer JOHN GALPIN  
 Engineer's Registration No. 875  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 4/15/58 Scale 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. PUT-651

- + 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.

6-6 211 212  
 Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 10

Quadrangle Saint Albans

WELL RECORD

Permit No. Put. -651

Oil or Gas Well Gas

(KIND)

Company Putnam Natural Gas  
Address Kanawha Valley Building, Charleston, W. Va.  
Farm Johnson & Tyson Acres 80  
Location (waters) Scary Creek  
Well No. One Elev. 730  
District Scott County Putnam  
The surface of tract is owned in fee by Oscar Johnson  
Paul Tison Address Rt. 1 Winfield  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced April 22, 1958  
Drilling completed September 9, 1958  
Date Shot 9/9/58 From 2198 To 2213  
4471 To 4492  
With 400 Lbs. NH4 NO 3 250 Lbs. Torpex  
Open Flow 5/10ths Water in 2 (Berea) (2Hrs. AS) inch  
42/10ths Water in 2 Oriskany (3Hr. AS) inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Va. Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
1 1/2	38	38	Gas Anchor
13			Size of 7 x 3
10	81	81	Depth set <u>4444</u>
8 1/4	1110	Pulled	Perf. top <u>4474</u>
6 1/2	1826	1826	Perf. bottom <u>4489</u>
5 3/16			Perf. top _____
3			Perf. bottom _____
2		4492	Perf. top _____
Liners Used			Perf. bottom _____

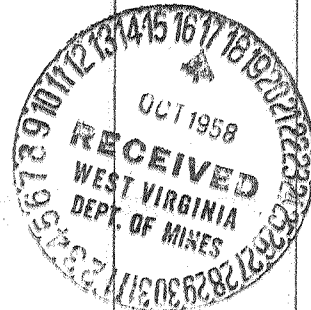
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

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
Surface	Lt. Brown	Soft	0	8			
Red Mud	Red	Soft	8	15			
Slate	Dark	Soft	15	19			
Red Rock	Red	Soft	19	23			
Red Mud	Red	Soft	23	27			
Sand	Yellow	Soft	27	39			
Red Rock	Red	Soft	39	49			
White Slate	White	Soft	49	64			
Red Rock	Red	Soft	64	70			
Sand	Yellow	Hard	70	71			
White Slate	White, Blue	Soft	71	73			
Sand	Yellow	Hard	73	79			
Red Rock	Red	Soft	79	88			
Sand	White	Hard	88	118			
Red Rock	Red	Soft	118	164			
Sand	Gray	Hard	164	204			
White Slate	White	Soft	204	248			
Red Rock	Red	Soft	248	258			
White Slate	White	Soft	258	290			
Sand	Dark	Hard	290	315			
White Slate	White	Soft	315	461			
Sand	Gray	Hard	461	500	Water	471	1/3 Bailer per hour
White Slate	White	Soft	500	565			
Sand	Gray	Hard	565	615	Water	572	3 Bailers per hour
White Slate	White	Soft	615	630			
Sand	Gray	Hard	630	687			
Slate	Black	Soft	687	719			
Sand	Gray	Hard	719	809			
White Slate	White	Soft	809	828			
Sand	Gray	Hard	828	846			



(over)

Formation	Color	Hard or Soft	Top /0	Bottom	Oil, Gas or Water	Depth Found	Remarks
White Slate	White	Soft	846	884			
Sand	Gray	Hard	884	938			
White Slate	White	Soft	938	976			
Sand	Gray	Hard	976	991			
White Slate	White	Soft	991	1040			
Sand	Gray	Hard	1040	1080	OilSH	1070	
White Slate	White	Soft	1080	1089			
Salt Sand	Gray	Hard	1089	1506	H.F. Water	1151	
White Slate	White	Soft	1506	1511			
Little Lime	Gray	Hard	1511	1529			
Big Lime	Gray	Hard	1529	1718			
Big Injun Sand	Gray	Hard	1718	1768			
Sandy Lime	Dark	Hard	1768	1815			
Lime	Dark	Hard	1815	1835			
Slate & Shells	Dark	Soft & Hard	1835	2179			
Coffee Shale	Brown	Soft	2179	2194			
Berea Grit	Gray	Hard	2194	2217	Gas	2202-2212	4/10 Water in 1"
Slate & Shells	Gray	Hard & Soft	2217	3369			
Brown Shale	Brown	Soft	-3369	3427			
White Slate	White	Soft	3427	3442			
Slate & Shells	Gray	Hard & Soft	3442	3574			
Brown Shale	Brown	Soft	3574	3812			
Slate & Shells	Gray	Hard & Soft	-3812	3935			
Brown Shale	Brown	Soft	-3935	3945			
Slate & Shells	Gray	Hard & Soft	3945	4178			
Brown Shale	Brown	Soft	-4178	4383			
Corn. Lime	Gray	Hard	4383	4473	Gas	4385	10/10 W in 1"
Limey Sand	Gray	Hard	4473	4474	Gas	4474-4479	14/10 W in 2"
Criskany Sand	Gray	Hard	4474	4492			

Date....., 19.....

APPROVED....., Owner

By..... (Title)