

Company B.H. Putnam, Operator  
 Address 1st Nat Bank, Marietta Ohio  
 Farm R.P. Satow et al  
 Tract \_\_\_\_\_ Acres 220 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 862'  
 Quadrangle Belleville **(-NW)**  
 County Wood District Harris  
 Engineer Robert R. Anderson  
By O. Meredith  
 Engineer's Registration No. 296  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9/18 53 Scale 1 in = 30 Poles

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

**WELL LOCATION MAP**  
 FILE NO. W00-404

+ 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.

5-6-296 Deepwell

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 6

Quadrangle Belleville

**WELL RECORD**

Permit No. WCO 404

Oil or Gas Well Gas  
(KIND)

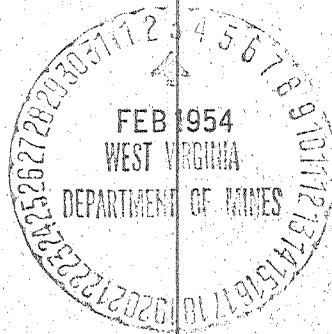
Company J. H. Putnam, Operator  
Address 312 Third Street, Marietta, Ohio  
Farm R. P. Satow Acres 220  
Location (waters) Ohio River  
Well No. 1 Elev. 862  
District Harris County Wood  
The surface of tract is owned in fee by R. P. Satow  
Address \_\_\_\_\_  
Mineral rights are owned by R. P. Satow  
Address \_\_\_\_\_  
Drilling commenced 9-21-53  
Drilling completed 11-17-53  
Date Shot Hydrafrac From ✓ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume 52 MCF Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil none 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
18			Balter Model "K"
10	441'		Size of
8 1/4	1103'		2 x 5 1/2
6 3/8	1760'	1760	Depth set
5 3/16	4392'	4392	
3			Perf. top
2	4392	4392	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 1/2" SIZE 4392 No. Ft. 10-24-53 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
Surface			0	10			
Sand			10	35			
Rock	Red		35	70			
Slate	Gray		70	95			
Sand			95	130			
Rock	Red		130	215			
Slate	Gray		215	245			
Rock	Red		245	265			
Sand			265	315			
Broken Sand			315	460			
Lime			460	475			
Rock	Red		475	540			
Slate			540	660			
Rock	Red		660	685			
Sand			685	720			
Rock	Red		720	880			
Slate	Gray		880	940			
Sand			940	960			
Rock	Red		960	997			
Slate			997	1100			
Sand			1100	1130			
Broken Sand			1130	1193			
Salt Sand			1193	1320			
Broken Sand			1320	1306			
Sand			1306	1345			
Slate			1345	1400			
Sand			1400	1495			
Black Slate			1495	1540			
Broken			1540	1585			
Sand Injun			1585	1750			
Slate-shells			1750	2085			
Slate	Black-Coffee Sh		2085	2105			
Berea			2105	2108			
Slate-shells			2108	3250			
Cinnamon			3250	3400			
Slate	Gray		3400	3569			
Shale	Brown		3569	4095			
Shale	Dark		4095	4301			



(Over)

Formation	Color	Hard or Soft	Top <sup>6</sup>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Niagara - Onondaga			4301	4393			
Oriskany			4393	4427			
Bottom of Hole - Heldawson			4427	4431	4301	4393	4427
				485	862	862	862
					3439	3531	3565

Date Jan. 31, 1954

APPROVED B. H. Peterson, Jr., Owner

By [Signature] (Title)