

LATITUDE 39° 15'

LONGITUDE 80° 40'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all of the information required by paragraph 4 of the rules and regulations of the oil and gas sections of the mining laws of West Virginia.

*W. H. H. H.*  
R. F. No. 1227

Reference to elevation :- U.S.G.S. B.M. at old bridge across Route 18 - 830'

- New Location
- Drill Deeper
- Abandonment

Error in closure :- Less than 1' in 200'

Company P. & M. OIL COMPANY  
 Address West Union, West Va.  
 Farm F. F. Randolph  
 Tract \_\_\_\_\_ Acres 88 Lease No. \_\_\_\_\_  
 Well (Farm) No. 3 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 852  
 Quadrangle Vadis - NW  
 County Doddridge District New Milton  
 Engineer W. H. H. H.  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date July 1, 1964 Scale 1" = 300' 495'

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

WELL LOCATION MAP  
 FILE NO. Dod-1228

† 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.

DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

GAS  
d

Permit No. DOD-1228

Oil or Gas Well Oil  
(Kind)

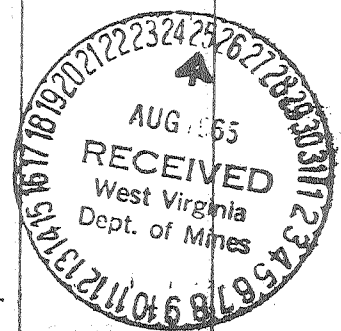
Company P. & M. Oil Company  
Address West Union, W. Va.  
Farm F. F. Randolph Acres 88  
Location (waters) Wolf Penn Run  
Well No. 5 Elev. 852  
District New Milton County Doddridge  
The surface of tract is owned in fee by Randolph Heirs  
Address \_\_\_\_\_  
Mineral rights are owned by Randolph Heirs  
Address \_\_\_\_\_  
Drilling commenced March 22, 1965  
Drilling completed April 29, 1965  
Date shot Fractured 4-29 Depth of shot \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 500 McF Cu. Ft.  
Rock Pressure Didnt take lbs. \_\_\_\_\_ hrs.  
Oil 400 bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	100	0	Size of
8 1/2	463	0	
6 1/2	977	977	Depth set
5 3/16	1957	1957	
8			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 1/2 SIZE 200 No. Ft. 4-26-65 Date

COAL WAS ENCOUNTERED AT 448 FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	20			
Red Dock			20	35			
Lime			35	75	Water at	45 & 70	
Slate			75	85			
Red Rock			85	100			
Sand			100	101			
Slate & shells			101	145			
Grey mud			145	160			
Red Rock			160	180			
Slate			180	205			
Red Rock			205	215			
Slate			215	240			
Lime			240	256			
Red Rock			256	278			
Slate			278	325			
Lime			325	335			
Slate			335	410			
Lime			410	448			
Pittsburgh Coal			448	458			
Bro. Lime			458	488			
Lime Hrd			488	520			
Slate			520	553			
Red Rock			553	586			
Lime			586	625			
Red Rock			625	670			
Lime			670	698			
Red rock			698	718			
Lime			718	785			
Red Rock			785	805			
Lime			805	855			
Slate			855	880			
Red rock			880	895			
Lime			895	935			
Slate			935	980			
Lime			980	1002			
Bro. Lime			1002	1130			
Lime			1130	1135			
Gas Sand			1135	1210			
Lime			1150	1210			
1st Salt Sand			1210	1244			
Lime			1244	1262			
Sand			1262	1285			
Lime			1285	1285			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
2nd. Salt sand			1298	1337			
Lime			1337	1358			
3rd. Salt Sand			1358	1412			
Lime			1412	1485			
Sand			1485	1530			
Lime			1530	1568			
Sand			1568	1588			
Broken Lime			1588	1694			
Sand			1694	1702			
Slate			1702	1715			
Sand			1715	1734			
Lime			1734	1744			
Little Lime			1744	1763			
Pencil Cave			1763	1765			
Blue Monday			1765	1822			
Big Lime			1822	1850			
Big Injun			1850	1942			
Slate			1942	1950			
Lime			1950	1957			
Total Depth			1957				
					Oil & Gas	1880-1894 1901 1912	

1  
ADD WFO

Date Aug 20 1965  
 APPROVED H. M. Co Owner  
 By L. B. Rigott, Asst.  
 (Type)