



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 5 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

W. H. H. H.
S. P. 2 (N. 12.7)

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

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

Company Petroleum Resources
 Address 38442 Jonathan Dr. Mt. Clemens Mich.
 Farm T. F. Brown
 Tract _____ Acres 21.25 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 1067
 Quadrangle Vadis - NW.
 County Doddridge District New Milton
 Engineer W. H. H. H.
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Jan. 21, 1964 Scale 1" = 200' = 330'

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

WELL LOCATION MAP
 FILE NO. Dod-1093

+ 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 9

Quadrangle Vadis

Permit No. 1067' DOD1093

WELL RECORD

Oil or Gas Well Dry
(KIND)

Company PETROLEUM RESOURCES INC.
Address 38442 Jonathan, Mt. Clemens, Mich.
Farm T.F. Brown Acres 21
Location (waters) Brushy Fork
Well No. One Elev. 1067'
District New Milton County Doddridge
The surface of tract is owned in fee by Cleo Crislip
Rt. 1 Address New Milton, W. Va.
Mineral rights are owned by T.F. Brown Heirs
Address _____

Drilling commenced 3/4/64
Drilling completed 5/8/64
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13	17'	none	
10	385'	"	Size of
8 1/2	1178'	"	
6 3/8			Depth set
5 3/16	2157'	"	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 1/2" SIZE 250' No. Ft. 4/16/64 Date

COAL WAS ENCOUNTERED AT No Coal FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT No Treatment (Dry Hole)

ROCK PRESSURE AFTER TREATMENT
Fresh Water 570' Feet Salt Water 1550' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock	red	soft	0'	90'			
Slate	gray	soft	90'	105'			
Sand	white	hard	105'	130'			
Slate	gray	soft	130'	195'			
Sandy Lime	gray	hard	195'	213'			
Red Rock	red	soft	213'	245'			
Slate	gray	soft	245'	265'			
Red Rock	red	soft	265'	310'			
Gray Lime	gray	soft	310'	330'			
Red Rock	red	soft	330'	365'			
Lime	gray	hard	365'	385'			
Red Rock	red	soft	385'	405'			
Slate	blue	soft	405'	425'			
Red Rock	red	soft	425'	460'			
Slate	gray	soft	460'	480'			
Red Rock	red	soft	480'	525'			
Slate	blue	soft	525'	535'			
Sand	gray	hard	535'	600'	Water	570'	
Slate	gray	soft	600'	760'			
Sand	gray	hard	760'	790'			
Slate	blue	soft	790'	807'			
Red Rock	red	soft	807'	995'			
Slt.&Shls.	gray	soft	995'	1075'			
Sand	gray	hard	1075'	1095'			
Slate	gray	soft	1095'	1175'			
Sand lt.	gray	hard	1175'	1200'			
Blk.Slt.	black	soft	1200'	1225'			
Wht.Slt.	white	soft	1225'	1310'			

APPROVED _____
 BY Charles B. Fisher
 PETROLEUM RESOURCES INC. OMAHA, NEB.
 Date June 21 1966
 (Title) _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pink Rock	Pink	soft	1310'	1315'			
Shale	gray	soft	1316'	1310'			
Sand	white	hard	1500'	1500'		1550'	
Silt. Shls.	gray	soft	1665'	1665'			
Sand	gray	hard	1635'	1635'			
Shale	gray	soft	1657'	1725'			
Sand	gray	hard	1725'	1832'			
Shale	gray	soft	1832'	1832'			
Silt. Shls.	gray	soft	1832'	1990'			
Red Rock	red	soft	1990'	1990'			
Red Rock	red	soft	1990'	1995'			
Silt. Shls.	gray	soft	1995'	2022'			
Red Rock	red	soft	2022'	2040'			
Shale	gray	soft	2040'	2068'			
Shale	gray	hard	2068'	2080'			
Lime	gray	hard	2080'	2080'			
Shale	gray	soft	2080'	2117'			
Bg. Lime	gray	hard	2117'	2201'			
Sand	gray	hard	2201'	2201'			
Silt. Shls.	gray	soft	2201'	2260'			
Lime	gray	hard	2260'	2335'			
Shale	gray	hard	2335'	2478'			
Silt. Shls.	gray	soft	2478'	2547'			
Sand	gray	hard	2547'	2547'			
Shale	gray	hard	2547'	2662'			
Silt. Shls.	gray	soft	2662'	2707'			
Shale	gray	hard	2707'	2718'			
Cor. Silt. Shls.	gray	hard	2718'	2718'			
Silt. Shls.	gray	hard	2718'	2748'			
Gordon	gray	hard	2748'	2748'			
Shale	gray	soft	2748'	2775'			
Total Depth 2775'							
					(Gantz)		