

New Location
 Drill Deeper
 Abandonment

Company FRANK E. MICHELS
 Address WEST UNION, W. VA.
 Farm LAURA WALTON
 Tract _____ Acres 0.30 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 841'
 Quadrangle WEST UNION SF
 County DODDRIDGE District WEST UNION
 Engineer JOHN W. HAMILTON
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date MAR. 20, 1960 Scale 1" = 30'

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

WELL LOCATION MAP
 FILE NO. D&D-330

+ 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.

too crowded to plot



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle West Union

WELL RECORD

Permit No. DOD-330

Oil or Gas Well oil & gas
(KIND)

Company F. E. Michels
Address West Union, WVa.
Farm Laura Walton Acres 1 lot
Location (waters) Middle Island Creek
Well No. I Elev. 841'
District West Union County Doddridge
The surface of tract is owned in fee by Laura Walton
Address West Union, WVa
Mineral rights are owned by same
Address _____
Drilling commenced April 15, 1960
Drilling completed May 19, 1960
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume estimated 5,000,000 Cu. Ft.
Rock Pressure 280 lbs. 24 hrs.
Oil estimated 6 bbls., 1st 24 hrs.
WELL ACIDIZED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>133'</u>		Size of
8 1/4	<u>778'</u>		
6 3/4			Depth set
5 3/16		<u>1694'</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 3/16 SIZE 1694 No. Ft. 4-28 Date 5-12-60
25 rods cement of 700# aquapack
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
Apator Sevine
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

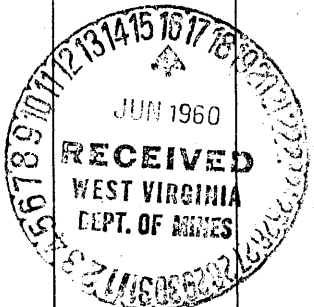
WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water 116 Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	35			
Lime			35	50			
Slate			50	63			
Red			63	105			
Lime			105	120	Water	116	
Slate			120	135			
Lime			135	200			
Red Rock			200	253			
Lime		Broken	253 3	345			
Slate Shells			345	385			
Lime			385	408			
Slate Shells			408	492			
Red Rock			492	512			
Slate Shells			512	520			
Red Rock			520	600			
Lime			600	670			
Red Rock			670	740			
Lime			740	820			
Slate			820	850			
Sand			850	915			
Slate Shells			915	1002			
Sand			1002	1105			
Lime	Black	Broken	1105	1390			
Sand			1390	1460			
Broken Lime	White	Hard	1460	1525	show oil	1525	
Sand			1525	1545			
Slate			1545	1583			
Sand			1583	1610			
Red Rock			1610	1618	gas at	1592	



Formation	Color	Hard or Soft	Top ↗	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime Slate	White	Hard	I618 I660	I660 I690			shell or two
Sand Lime			I690				corrected measurement here. We thought we were I702 when we cased but measurement was I694. Cased 12' in sand or lime. Began to turn into sand at I768
Injun			I768		gas	I772 - I777	
total depth				I777			