

Company	ALLEN & BRUKENFELD % P.E. ALLEN
Address	Box 176 WEST UNION, W.VA.
Farm	BURL & MINA BELL CROUSE
Tract	Acres 0.28 Lease No.
Well (Farm) No.	1 Serial No.
Elevation (Spirit Level)	731'
Quadrangle	WEST UNION - SE
County	DODDRIDGE District WEST UNION
Engineer	JOHN W. HAMILTON
Engineer's Registration No.	2274
File No.	Drawing No.
Date	MARCH 12, 1960 Scale 1" = 20'

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

**WELL LOCATION MAP**  
FILE NO. DoD-323  
*plugged 6/28/1960*

+ 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 5

*Quad - West Union*

WELL RECORD

Permit No. DOD 323

Oil or Gas Well neither  
(KIND)

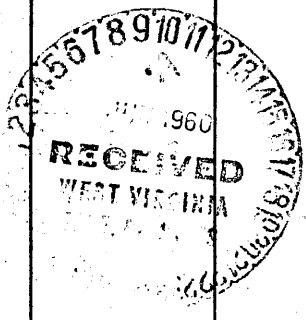
Company T. E. Allen & Carl Brukenfeld  
Address West Union, W. Va.  
Farm Burl Crouse 12000 sq ft  
Location (waters) Middle Island Creek  
Well No. 1 Elev. 731  
District West Union County Doddridge  
The surface of tract is owned in fee by Burl Crouse & Nina Bell Crouse Address West Union, W. Va.  
Mineral rights are owned by Burl Crouse & Nina Bell Crouse Address West Union, W. Va.  
Drilling commenced Apr 22, 1960  
Drilling completed June 7, 1960  
Date Shot none From \_\_\_\_\_ To \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	25	25	Size of
8	447	447	
6	920-8/12	same	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

~~xxx~~ Well received no treatment whatever  
Open Flow 1 /10ths Water in one Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 11,900 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil show only bbls., 1st 24 hrs.  
Fresh water 82 feet & 182 feet  
Salt water none feet \_\_\_\_\_ feet

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>none</u> FEET _____ INCHES			
_____	_____	_____	_____
_____	_____	_____	_____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mud	red	soft	0	50			
Lime shells		soft	50	70			
Sand			70	82	water	82	
Red rock		soft	82	130			
Sand			130	138			
Slate			138	182	water	182	
Lime			182	240			
Rock	red	soft	240	280			
slate, shells			280	340			
Lime			340	350			
slate, shells			350	416			
Lime			415	430			
Slate			430	442			
Lime			442	446			
Slate, shells			446	540			
Rock	red	soft	540	585			
Slate			585	750			
Lime	<del>XX</del>		750	760			
Rock	red	soft	760	806			
Lime		gritty	806	839			
Rock	red	soft	839	885			
Lime			885	931			
Sand			931	951			
Lime			951	1085			
Sand			1085	1140			
Slate			1140	1198			
Sand		broken	1198	1320			
Slate			1320	1350			
Sand			1350	1365			
Slate			1365	1401			
Sand			1401	1448			
Slate			1448	1456			
Sand			1456	1525			
Slate	<del>XX</del>		1525	1589			
Sand			1589	1651			
Slate			1651	1662			



Formation	Color	Hard or Soft	Top 5	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1662	1670			
Slate			1670	1673			
Little lime			1673	1706			
Slate			1706	1711			
Lime			1711	1784			
Injun Sand, limy			1784	1898	Show of gas	1892	
Slate			1898	1902	Show of oil	1892	
Total depth				1902			

Date June 8, 1960

APPROVED Allen & Brukenfeld, Owner

By J.E. Allen  
(Title) Owner