



New Location
 Drill Deeper
 Abandonment

Company J. O. Nay
 Address Pullman, W. Va.
 Farm Harold Ford & J.B. Bates
 Tract 1 Acres 1 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 772
 Quadrangle West Union - 50
 County Doddridge District West Union
 Engineer Parker E. Peters
 Engineer's Registration No. 485
 File No. _____ Drawing No. _____
 Date Feb. 15 1960 Scale 1" = 50'

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

WELL LOCATION MAP

FILE NO. DOD-304

+ 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

6-6 99 ✓



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 4

Quadrangle West Union

Permit No. DOD-304

WELL RECORD

Oil or Gas Well Both
(KIND)

Company B. & F. Development Co., J.O. Nay, Agt.
Address Pullman, W. Va.
Farm H. Ford & J. B. Bates Acres 1
Location (waters) Middle Island Creek
Well No. One Elev. 772
District West Union County Doddridge
The surface of tract is owned in fee by Harold Ford and J. B. Batew Address West Union, WVA
Mineral rights are owned by Same Address _____

Drilling commenced April 16, 1960
Drilling completed May 17, 1960
Date Shot _____ From _____ To _____
With _____

Open Flow 70/10ths Water in 2 Inch
_____/10ths Merc. in _____ Inch
Volume 240,000 Cu. Ft.
Rock Pressure 500 lbs. _____ hrs.
Oil 1 bbls., 1st 24 hrs.
WELL ACIDIZED Yes
WELL FRACTURED Yes

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16		20 ft.	Kind of Packer <u>None</u>
13			Size of _____
10	141 ft.		Depth set _____
8 1/4	915 ft.		Perf. top _____
6 3/8			Perf. bottom _____
5 3/16	1707 1707 ft.	1707 ft.	Perf. top _____
3			Perf. bottom _____
2		1705 ft.	
Liners Used			

CASING CEMENTED _____ SIZE 5-1/2 No. F 5/3/60 Date
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT 250,000 gas, 1 bbl. oil day

ROCK PRESSURE AFTER TREATMENT 515 lbs. - 24 hrs.

Fresh Water 105 Feet _____ Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay				30			
Red Rock			30	55			
W Slate			55	80			
Black Slate			80	90			
Red Rock			90	105			
Sand			105	115			
Lime			115	125			
White Slate			125	170			
Red Rock			170	215			
Slate			215	345			
Lime Shells			345	370			
Slate			370	365 465			
Red Rock			465	600			
Slate			600	690			
Red Rock			690	700			
Slate			700	867			
Sand			867	910			
White Slate			910	965			
Sand			965	990			
Slate			990	1010			
Sand			1010	1073			
Slate			1073	1102			
Sand			1102	1130			
Slate			1130	1175			
Sand			1175	1235			
Slate			1235	1257			
Sand			1257	1310			
Slate			1310	1370			
Sand			1370	1455			



Formation	Color	Hard or Soft	Top 4	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1455	1515	Show of gas	1530	
Sand			1515	1559			
Slate			1559	1580			
Red Rock			1580	1587			
Lime			1587	1595			
Slate			1595	1605			
Lime			1605	1630			
Sand			1630	1647			
Slate			1647	1651			
Lime			1651	1731			
Sand			1731	1810	Gas	1740	
Shale			1810		Gas	1755	
					Show of oil	1775-79	
					Total Depth	1810	
					Filled back to	1785	

Date June 19 60

APPROVED B. & F. Development Co., Owner

By J. O. Hay Agent
(Title)