

NOTE:

New Location Oil & Gas Rights are owned as follows:
 Drill Deeper 1/2 J.M.L. Smith - West Union, W. Va.
 Abandonment 1/2 Clydia I. Penney - Coolville, Ohio.

Company W.A. FORD & NELSON G. BRUFFY
 Address WEST UNION, W. VA.
 Farm NELSON G. BRUFFY
 Tract 3 Acres 1 1/2 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 761'
 Quadrangle WEST UNION - SE
 County DODDRIDGE District WEST UNION
 Engineer John W. Hamilton
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date AUG. 20, 1961 Scale 1" = 20 POLES

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

WELL LOCATION MAP
 FILE NO. DOD-624

+ 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.

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

Quadrangle WEST UNION

Permit No. DOD-674624

WELL RECORD

Oil or Gas Well OIL
(KIND)

Company FORD & BRUFFY
Address WEST UNION, W. VA.
Farm NELSON BRUFFY Acres 61
Location (waters) MIDDLE ISLAND CREEK
Well No. 1 Elev. 761
District WEST UNION County DODDRIDGE
The surface of tract is owned in fee by NELSON BRUFFY Address WEST UNION W, V. 8 1/4
Mineral rights are owned by J. M. L. SMITH
CLAUDIE PENNY Address WEST UNION
Drilling commenced AUGUST 38, 1961
Drilling completed SEPTEMBER 28 1961
Date Shot From _____ To _____
With _____
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure 165 lbs. 24 hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED YES

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
6 3/8			Depth set
5 3/16	1917	1917	
3			Perf. top
2	1900	1900	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED YES SIZE 5 1/4 No. Ft. 350 Date
20 sks. cement, 2 sks. aquagel GARATON

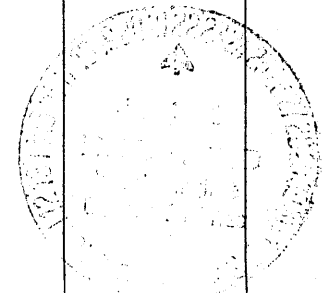
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT 5-BBL. OIL DAILY

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water NONE Feet NONE Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
CLAY			0	25			
SAND			25	29			
SHALE & ROCK	RED		29	52			
LIME ROCK			52	60			
SHALE	RED		60	94			
SAND			94	176			
SLATE & SHELLS			176	184			
ROCK	RED		184	203			
LIME ROCK			203	207			
ROCK	RED		207	218			
SHALE			218	242			
SAND			242	250			
ROCK	RED		250	263			
SANDY SHALE			263	305			
SHALE	GREY		305	330			
SAND			330	365			
SLATE			365	380			
SHALE			380	387			
LIME SLATE & ROCK			387-	435			
SHALE			435	465			
ROCK	RED		465	475			
SHALE			475	548			
LIME SHALE & ROCK			548	560			
ROCK			560	578			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
SHALE		SANDY	578	586			
ROCK	RED		586	591			
SAND			591	625			
SLATE			625	630			
ROCK	RED		630	640			
SHALE			640	694			
SHALE		SANDY	694	705			
ROCK	RED		705	725			
SHALE & SHELLS			725	875			
SHALE		SANDY	875	907			
SAND			907	925			
SHALT	BROWN		925	973			
LIME			973	982			
SLATE & LIME SHELLS			982	1024			
SAND			1024	1033			
SLATE & LIME SHELLS			1035	1056			
SAND			1066	1068			
SLATE & SHELLS			1068	1095			
SAND			1095	1141			
SHALE			1141	1167			
SAND			1167	1187			
SHALE & SHELLS			1187	1258			
SAND			1258	1331			
SHALE			1331	1341			
SAND			1341	1364			
SHALE			1364	1491			
LIME	SANDY	HARD	1491	1510			
SAND		BROKEN	1510	1532			
SHALE			1532	1691			
LIME	BLACK		1691	1711			
SHALE & LIME SHELLS			1711	1724			
BIG LIME			1724	1771			
SHALE			1771	1790			
KEENER SAND			1790	1808			
INJUN			1808	1904			
BROKEN SAND			1904	1910			
SHALE			1910	1917			
TOTAL DEPTH				1917			
					GAS & OIL	1882-1889	

Date JANUARY 13, 19 62

APPROVED BENNY FORD & BRUFFY, Owner

By W. A. Ford
(Title)