

Company W.E. WILLIAMS, AGT.  
 Address RT-1 WEST UNION, W. VA.  
 Farm NELLIE BOYCE  
 Tract \_\_\_\_\_ Acres 50 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 942'  
 Quadrangle WEST UNION SC  
 County DODDRIDGE District CENTRAL  
 Engineer JOHN W. HAMILTON  
 Engineer's Registration No. 2274  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date JUNE 18, 1960 Scale 1" = 20 POLES

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

**WELL LOCATION MAP**  
 FILE NO. DOD-408

+ 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

Quadrangle WEST UNION  
DOD-408

WELL RECORD

Oil or Gas Well DRY  
(KIND)

Permit No. \_\_\_\_\_  
Company W. E. WILLIAMS  
Address RT. 1 WEST UNION, W. VA.  
Farm NELLIE BOYCE Acres 50  
Location (waters) CLXY-LICK RUN  
Well No. 1 Elev. 942  
District CENTRAL County DODDRIDGE  
The surface of tract is owned in fee by NELLIE BOYCE  
Address RT. WEST UNION  
Mineral rights are owned by NELLIE BOYCE  
Address \_\_\_\_\_  
Drilling commenced JULY 15 1960  
Drilling completed AUGUST 19 1960  
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 \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10			Depth set
8" x 8"	387'	Pulled	Perf. top
7" x 7"	97'	Pulled	Perf. bottom
5 1/2" x 5 1/2"	195'	Casing	Perf. top
3			Perf. bottom
2			
Liners Used			

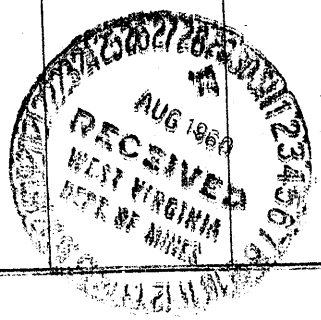
CASING CEMENTED 5 1/2" SIZE 195' No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
20 sacks cement - 4 sacks aquagel  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED YES RESULTED IN BEING DRY

RESULT AFTER TREATMENT DRY

ROCK PRESSURE AFTER TREATMENT  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
CLAY	RED		0	17			
SAND			17	50			
SHALE	GREY		50	60			
RED ROCK			60	90			
SAND			90	110			
SHALE	GREY		110	120			
RED ROCK			120	151			
SHALE	GRAY		151	223			
SAND			223	243			
RED ROCK			243	253			
SHALE	GRAY		253	263			
RED ROCK			263	332			
SHALE	GRAY		332	350			
RED ROCK			350	370			
SHALE	GRAY		370	436			
LIME			436	459			
SHALE	GRAY		459	470			
LIME			470	515			
SAND	WHITE		515	564			
SHALE	GRAY		564	575			
SAND			575	605			
SHALE			605	637			
LIME	BLACK		637	688			
SHALE	GRAY		688	801			
SAND	BLUEISH		801	819			
RED ROCK			819	840			



Formation	Color	Hard or Soft	Top 8	Bottom	Oil, Gas or Water	Depth Found	Remarks
SHALE	GRAY		840	920			
RED ROCK			920	974			
SAND			974	990			LITTLE DUNKARD
SHALE			990	1019			
RED ROCK			1019	1039			
SHALE	GRAY		1039	1120			
SAND			1120	1150			BIG DUNKARD
SHALE			1150	1293			
SAND			1293	1303			
SHALE			1303	1310			
SAND			1310	1410			
SHALE			1410	1453			
SAND			1453	1470			
SHALE			1470	1484			
SAND	WHITE		1484	1574			
SHALE			1574	1582			
LIME	BLACK		1582	1705			
SHALE	SANDY		1705	1855			
SHALE			1855	1904			
SLATE			1904	1940			
LIME			1940	2046			BIG LIME
SAND			2046	2082	SHOW OF GAS	2060	BIG INJUN
SHALE			2082	2104			
	TOTAL DEPTH						2104

Date August 29, 19 60

APPROVED \_\_\_\_\_, Owner

By \_\_\_\_\_ (Title)