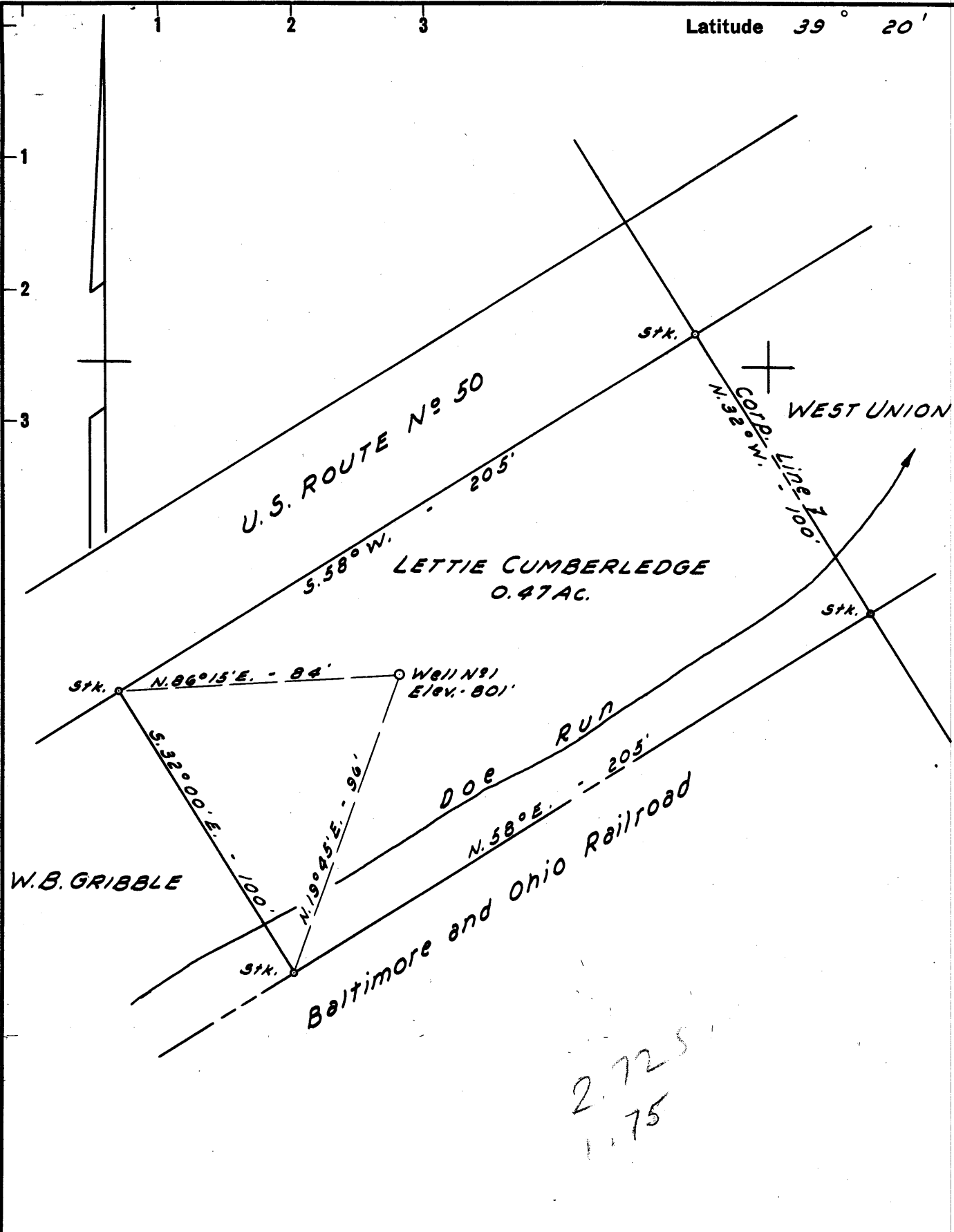


M

Latitude 39° 20'

Longitude 80° 45'



New Location   
 Drill Deeper   
 Abandonment

NOTE:  
 Lettie Cumberledge owns in Fee

Company WEST UNION DRILLING CO.  
% CLARENCE POWELL

Address WEST UNION, W. VA.

Farm LETTIE CUMBERLEDGE

Tract \_\_\_\_\_ Acres 0.47 Lease No. \_\_\_\_\_

Well (Farm) No. 1 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 801'

Quadrangle WEST UNION - S & E

County DODDRIDGE District WEST UNION

Engineer JOHN W. HAMILTON

Engineer's Registration No. 2274

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date MAR. 27, 1960 Scale 1" = 40'

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

WELL LOCATION MAP

FILE NO. DOD-340

plugged 05/02/1961

+ 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 6

Quadrangle West Union

Permit No. DOD-340

WELL RECORD

Oil or Gas Well dry

Company West Union Drilling Co.  
Address West Union, W. Va.  
Farm Lettie Cumberledge Acres 0.47  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 801  
District West Union County Dodderidge  
The surface of tract is owned in fee by Cumberledge  
Address West Union  
Mineral rights are owned by Cumberledge  
Address West Union  
Drilling commenced April 20, 1960  
Drilling completed May 17, 1960  
Date Shot not 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 not  
WELL FRACTURED sand and water

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	53		Size of
8 1/4	355		
6 5/8	936		Depth set
5 3/16	1712		<u>cemented off top 300'</u>
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 5 3/16 SIZE No. Ft. 300 Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT no change

ROCK PRESSURE AFTER TREATMENT none

Fresh Water 33 Feet Salt Water none Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil	br	soft	0	4			
gravel	br	soft	4	14			
shale	red	soft	14	33			
gravel	br	soft	33	48			
shale	red	soft	48	60			
shale	blu	med	60	111			
lime	whi	hard	111	132			
shale	bla	med	132	140			
sand	whi	med	140	157			
shale	red	med	157	219			
shale	bla	med	219	360			
lime	whi	hard	360	385			
shale	black	soft	385	482			
shale	red	soft	482	530			
sand	whi	hard	530	550			
lime	whi	hard	550	564			
sand	red	soft	564	617			
lime	bla	hard	617	624			
shale	red	soft	624	640			
lime	whi	hard	640	650			
shale	blu	med	650	658			
lime	whi	hard	658	662			
shale	blu	med	662	682			
shale	red	med	682	704			
lime	whi	hard	704	731			

Formation	Color	Hard or Soft	Top 6	Bottom	Oil, Gas or Water	Depth Found	Remarks
shale	blu	med	731	855			
slate	bla	med	855	870			
lime	whi	hard	870	898			
shale	blu	med	898	1081			
shale	blu	med	1081	1200			
sand	whi	hard	1200	1220			
shale	blu	med	1220	1230			
sand	whi	hard	1230	1258			
shale	bla	med	1258	1278			
sand	whi	hard	1278	1367			
shale	blu	med	1367	1388			
sand	whi	hard	1388	1447			
shale	blu	med	1447	1460			
sand	whi	hard	1460	1554			
shale	blu	med	1554	1600			
lime	red	hard	1600	1615			
lime	whi	hard	1615	1620			
lime	red	soft	1620	1637			
shale	blu	soft	1637	1644			
lime	whi	hard	1644	1654			
shale	blu	med	1654	1658			
sand	whi	hard	1658	1675			
slate	blac	soft	1675	1687			
lime	whi	hard	1687	1740			
Injun s	whi	hard	1740	1840			