



NOTE:  
LOCATION IS ABOUT  
150' BELOW PITTSBURGH  
COAL SEAM

Minimum Error of Closure 1/3,000

Source of Elevation BRIDGE AT ASTOR 4500' ± SW. OF LOCATION

B.M. EG. 1080

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: Paul G. Dean

Map No.                      Squares:    N        S        E        W

Company UNION DRILLING INC.  
 Address Box 281, WASHINGTON, PA.  
 Farm ANN ROSS DUNN  
 Tract 1 & 2 Acres 95.2 ± Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 1090  
 Quadrangle PHILIPPI NC  
 County TAYLOR District FLEMINGTON  
 Engineer PAUL G. DEAN  
 Engineer's Registration No. 1856  
 File No. 136-8-72 Drawing No. 69-30  
 Date MAY 6, 1969 Scale 1" = 30P = 495'

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

WELL LOCATION MAP  
 FILE NO. Tay-89

+ 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 WELLS DIVISION

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle Philippi  
Permit No. TAY-89

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Company Union Drilling, Inc.  
Address Box 347, Buckhannon, West Virginia, 26201  
Farm Ann Ross Dunn Acres 95.2+  
Location (waters) Simpson Creek  
Well No. 202-CH (1) Elev. 1090'  
District Flemington County Taylor  
The surface of tract is owned in fee by Ann Ross Dunn  
2305 Hoffman Drive, Cuyahoga Falls, Ohio  
Address 44223  
Mineral rights are owned by Ann Ross Dunn  
2305 Hoffman Drive, Cuyahoga Falls, Ohio  
Address 44223  
Drilling commenced June 6, 1969  
Drilling completed June 12, 1969  
Date Shot From To  
With  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume 142,000 Cu. Ft.  
Rock Pressure lbs. hrs.  
Oil bbls., 1st 24 hrs.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	20'	20'	
10			Size of
8 5/8"	980'	980'	
6 3/4"			Depth set
5 3/16"			Perf: <u>4058'</u>
4 1/2"	<u>4444'</u>	<u>4444'</u>	<u>4062'</u>
3"			Perf. top <u>4068'</u> } R.ley
2"			Perf. bottom <u>4070'</u>
Liners Used			Perf. top <u>4382'</u> Benson
			Perf. bottom <u>4388'</u>

Attach copy of cementing record.  
CASING CEMENTED 4 1/2" SIZE 875 No. Ft. 6/13/69 Date  
Amount of cement used (bags) 175  
Name of Service Co. Halliburton  
COAL WAS ENCOUNTERED AT --- FEET --- INCHES  
--- FEET --- INCHES  
--- FEET --- INCHES

WELL FRACTURED (DETAILS) 5/25/59 - Dowell - 2 stage job - 1st stage, 33,750 Gal. Waterfrac  
2nd stage, 32,500 Gal. Waterfrac - 95,000 Lbs. Sand

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 1,350,000 1,350 MCF  
ROCK PRESSURE AFTER TREATMENT 1030 HOURS 18  
Fresh Water 28', 48' & 385' Feet Salt Water Feet  
Producing Sand Riley & Benson Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay			0	20			
Shale			20	48	Water(damp)	@ 28'	
Sand			48	60	Water	@ 48'	
Sand & Shale			60	690	Water	@ 385'	
Sand			690	722			
Sand & Shale			722	830			
Sand			830	883			
Sand & Shale Streaks			883	952			
Sand			952	967			
Shale			967	980			
Sand & Shale Streaks			980	1085			
Sand			1085	1110			
Red Rock & Shale			1110	1298			
Lime & Shale			1298	1388			
Red Rock & Shale			1388	1429			
Big Lime			1429	1506			
Injun Sand			1506	1598			
Sand & Shale			1598	1690			
Shale			1690	1750			
Sand			1750	1765			
Sand & Shale			1765	2280			
Shale, Sand & Red Rock			2280	2416			
Shale			2416	3005			
Lime & Shale			3005	3312			
Sand & Shale			3312	4053			
Riley Stringer			4053	4087			
Sand Stringers & Shale			4087	4114			
Shale			4114	4372			
Benson Sand			4372	4388			
Shale			4388	4497			



(over)