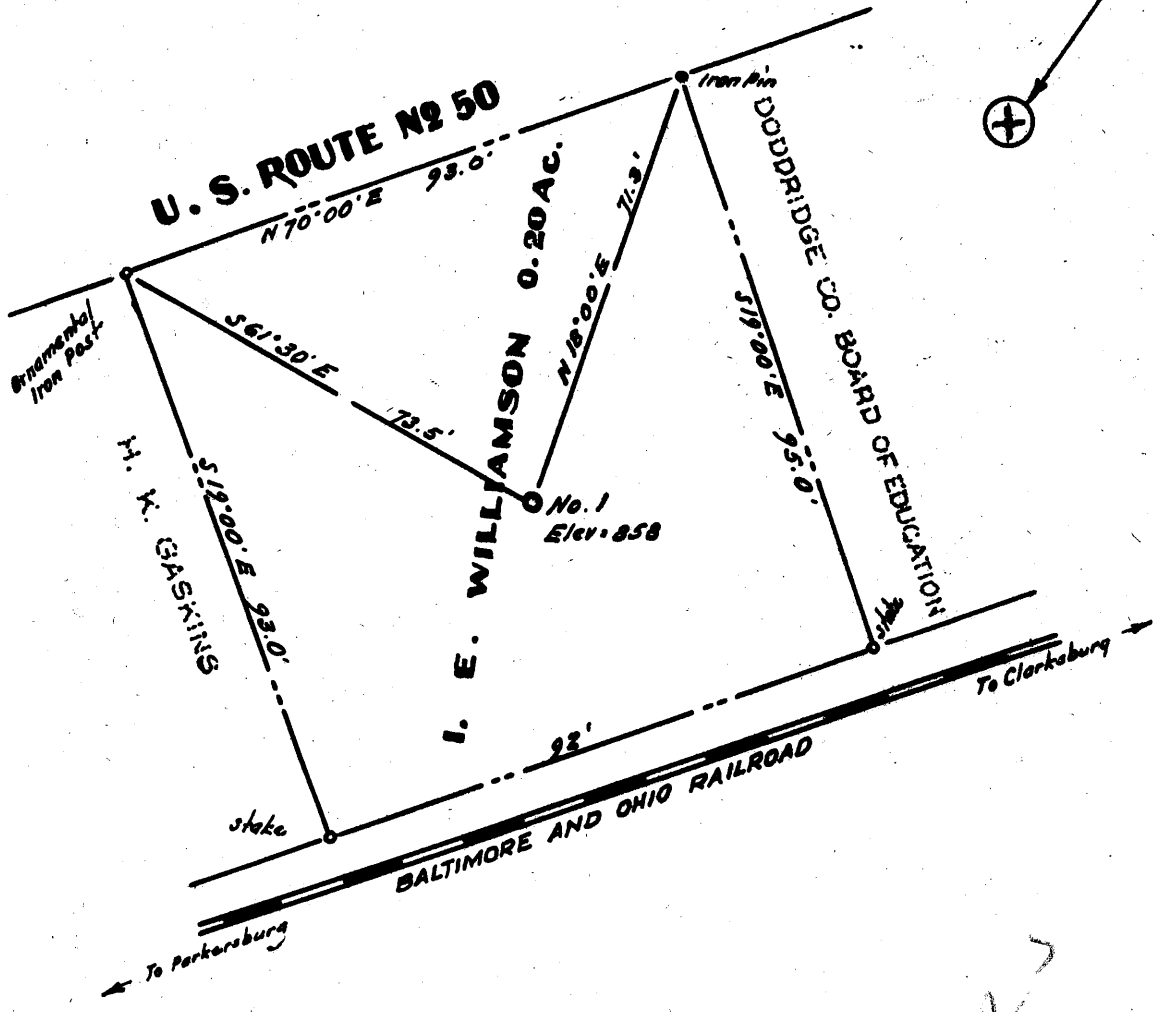


Latitude 39° 20'

Longitude 80° 45'



No known coal in this vicinity  
 Surface is owned by I. E. Williamson,  
 West Union, W. Va.

2182  
 1171

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

Company O. L. WILLIAMSON CO.  
 Address Route 2, Sardis, Ohio.  
 Farm I. E. Williamson Lot  
 Tract \_\_\_\_\_ Acres 0.20 Lease No. \_\_\_\_\_  
 Well (Farm) No. One Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 858  
 Quadrangle West Union SE  
 County Doddridge District West Union  
 Engineer [Signature]  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct. 15, 1960 Scale 1" = 20'

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

WELL LOCATION MAP  
 FILE NO. DDP-482

+ 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 3

Quadrangle West Union

Permit No. DOD 482

**WELL RECORD**

Oil or Gas Well Gas  
(KIND)

Company O.L. Williamson Company  
Address Rt. 2 Sardis, Ohio  
Farm Lot Acres 0.3  
Location (waters) Doe Run  
Well No. #1 Elev. 858'  
District West Union County Doddridge  
The surface of tract is owned in fee by I.E. Williamson  
Address Rt. 2, West Union, W. Va.  
Mineral rights are owned by same  
Address \_\_\_\_\_  
Drilling commenced Nov. 1960  
Drilling completed Dec. 3 "  
Date Shot From To  
With \_\_\_\_\_  
Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume 20,000 estimate Cu. Ft.  
Rock Pressure 75 lbs. 24 hrs.  
Oil enough to grease stem bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED Hydro-Frac Dec. 7

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			None
16			Kind of Packer _____
13	60	12	
10			Size of _____
8 1/4	342	none	
6 3/4	900	none	Depth set _____
5 3/16			
4 1/2	1892	1892	Perf. top <u>1787</u>
X 1	1875	1875	Perf. bottom <u>1852</u>
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 250' SIZE 4 1/2" No. Ft. 1892 Date Dec. 4

COAL WAS ENCOUNTERED AT no coal FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_  
FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_

RESULT AFTER TREATMENT 300,000 on Dec. 9, 131,000 on Dec 13, 29,000 on May 15  
ROCK PRESSURE AFTER TREATMENT 375lb, 1 hr, 50 min. Dec. 9,  
Fresh Water 2 barrel per day Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	5			
Gravel			5	10			
Shale	Red		10	255	water 29'		
Sand			265	300			40' 10" pipe
Shale	Blue		300	355			
"	Red		355	387			342' 8" pipe,
Lime			387	445			
Shale	Blue		445	525			
Rock	Red		525	659			
Lime shell		Hard	659	661			
Shale	Blue		661	745			
Rock	Red		745	775			
Shale	Blue		775	874			
Sand			874	902			
Shale	Black		902	925			925' 7" pipe
Sand			925	999			
Lime			999	1025			
Sand			1025	1040	water 2bls.		
Limey Sand			1040	1120			
Shale	Dark		1120	1140			
Sand			1140	1165			
Shale	Dark		1165	1211			
Lime			1211	1219			
Shale	Dark		1219	1233			
Sand			1233	1296			
Shale & Shell			1296	1460			
Sand			1460	1520			
Shale			1520	1583			
Lime			1583	1596			
Slate	Black		1596	1617			

(over)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			1617	1688			
P. Cave			1688	1691			
Line			1691	1800			
Sand			1800	1828	Gas 20M	1805-10	
Break			1828	1829			
Sand			1829	1866	greased stem		
Shale			1866	1982			1982 4½ casing

Date 6-17, 1961

APPROVED Geo. P. Williamson Owner

By Agent G. Williamson  
(Title)