

3.88W
1.58S

COAL OWNED BY _____

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"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."

Minimum degree of accuracy is one part in 200 FT.

Signed Robert M. Neill 361-E
(P.E.)

COMPANY THE MANUFACTURERS LIGHT & HEAT
 ADDRESS 800 UNION TRUST BLDG., PGM., PA.
 FARM A.F. HIGGINS
 MAP A-25-21 ACRES 73 LEASE NO. 543
 WELL (FARM) NO. 1 SERIAL NO. 226
 ELEVATION (SPIRIT LEVEL) 739'
 QUADRANGLE LITTLETON - SW
 COUNTY METZEL DISTRICT GREEN
 POINT OF PROVEN ELEVATION ROAD JUNCTION EL. 691
ESTABLISHED BY U.S.G.S. ON PINE GROVE TOPO
 FILE NO. _____ DRAWING NO. Y-28-1A8
 DATE 2 JUNE 1946 SCALE 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. MeT-1199-A

+ 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.

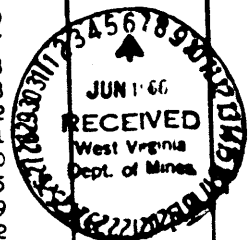
- DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Company _____
 Address _____
 P. M. A. F. Higgins _____
 Location (county) _____
 Well No. 228 _____
 District _____ County _____
 To surface of strata is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced September 27, 1918
 Drilling completed November 6, 1918
 Type Shot _____ From _____ To _____
 With _____
 (1) Flow /10ths Water in _____ Inch
 /10ths Slurr in _____ Inch
 Volume _____ Cu. Ft.
 Back Pressure _____ lbs.
 Or _____ lbs. per sq. in.
 Fresh water _____ feet
 Salt water _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Feet
			Kind of Packer
			Size of
	228		Depth set
	1042'6"		Perf top
	1650'		Perf bottom
			Perf top
			Perf bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Description	Color	Hard or Soft	Top	Bottom	CHRONOMETER THICKNESS	Depth Fossil	Remarks
Pittsburgh Coal			480	483	3		
Bk Dunhard Sand			970	990	20		
Salt Sand			1080	1100	20		
Wagon Sand Hard			1400	1500	100		Water 1420 to 1425, Hole Full
Little Lime			1595	1638	40		Black Soft
Reel Cave			1635	1642	7		White Hard
Bk Lime			1642	1705	67		Hard
Bk Injun			1705	1945	240		Gas from 254 to 2547
Golden Sand			2535	2552	17		4/10 Mercury in 3" Opening
Total Depth				2555			
Lime			70	128	58		Spring Gage feet
State white			128	235	7		1st min. 65 lbs.
Lime hard			235	295	60		2nd min. 190 lbs.
Sand			295	312	17		3rd min. 120 lbs.
State & Lime			312	455	43		4th min. 140 lbs.
Coal			455	458	3		5th min. 160 lbs.
State			458	480	22		lock 255 in 12 hours.
State & Lime & Red Rock			483	764	81		
Sand			764	774	10		
State			774	789	15		
State & Lime			789	838	49		
Coal			838	840	2		
Lime			840	900	60		
State & Lime			900	970	70		
Sand			990	1050	60		
State			1050	1064	14		
Lime			1064	1080	16		



Slate	1585	1595	30
Red Rock	1945	1975	25
Slate Black	1975	2000	25
Lime White Hard	2000	2025	50
Slate White Soft	2025	2075	25
Lime White Hard	2075	2100	50
Slate Black Soft	2100	2150	25
Sand White Hard	2150	2175	50
Slate Black Soft	2175	2200	25
Lime White Hard	2200	2250	50
Slate White Soft	2250	2300	50
Slate Black Soft	2300	2350	50
Lime White Hard	2350	2400	25
Sand White Hard	2400	2475	60
Slate Black Soft	2475	2535	17
Slate Black Soft	2535	2552	3
Sand White Soft	2552	2555	
Slate Black Soft			

Date June 3, 1966

APPROVED THE MANUFACTURERS LIGHT & HEAT CO. Owner

W. H. Haggan

THE M. L. & H. CO. TRUST BUILDING
Pittsburgh 19 - ~~Parway~~ ~~West~~

LEGAL OPERATOR OF WELLS

ADDRESS

LEGAL OPERATOR OF WELLS

ADDRESS

LEASE OR PROPERTY OWNER

ADDRESS

COMPLETE ADDRESS

March 9, 1907

WELL AND LOCATION

Green District

Wetzel County

Well No. 2286

A. F. Higgins Farm

STATE INSPECTOR SUPERVISING PLUGGING Bryan Shuman

AFFIDAVIT

STATE OF WEST VIRGINIA.

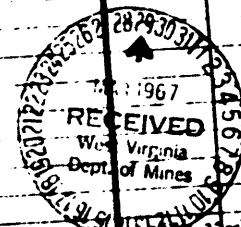
County of Tyler

Orrin Weekley

and Donald Mc Henry

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by The M. L. & H. Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 15th day of Aug. 1906, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			COG FOOTING	COG LEFT IN
	Total Depth 2655	4 1/2" Tubing	2676 (Tally)	-
	Clay 2655 - 2535			
	Stone 2535 - 2525			
	Cement 2525 - 2515			
	Bridge 2080 - 2080			
	Stone 2080 - 2070			
	Cement 2070 - 2060			
	Clay 2060 - 1880			
	Stone 1880 - 1870			
	Cement 1870 - 1860	6 5/8" Csg.	829' (Cable)	
	Cut casing 1020			
	Stone cap 1020 - 1015			
	Cement 1015 - 1005	8 1/2" Csg.	1043 (Cable)	
	Perf. 8 1/2" csg. 480-483 P.C.	10" Csg.	228 (Cable)	
	2" pipe cemented in casing 10' below surface & extending 10' above surface with pointed hood.			
COAL SEAMS (NAME) Pitts. 480-483				
(NAME)				
(NAME)				
(NAME)				
		DESCRIPTION OF MONUMENT (Cement) 18" at base; 3' high; 1' at top Cast Iron Plaque fastened on 2" pipe with 2 bolts, & bearing the following description THE M. L. & H. CO. WELL NO. 2286		



and that the work of plugging and filling said well was completed on the 27th day of Jan. 1907

And further deponents saith not.

Sworn to and subscribed before me this 15th day of March, 1907.

Orrin Weekley
Donald Mc Henry
Castle & Hubby

Notary Public.

Permit No. WET 1199

My commission expires
My Commission Expires Sept. 19, 1909