



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Not operated
COAL OPERATOR OR COAL OWNER

ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

John Mills Estate.
OWNER OF MINERAL RIGHTS

Marietta, Ohio.
ADDRESS

Jennings Bros.
NAME OF WELL OPERATOR

1212 Clark Building, Pittsburg, Pa.
COMPLETE ADDRESS

October Ninth 1947, 19

PROPOSED LOCATION

Grant District

Wetzel County

Well No. No. 140 39° 35'
80° 35'

John Mills Estate Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated _____, made by _____, to _____, and recorded on the _____ day of _____, in the office of the County Clerk for said County in Book _____, page _____.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

Jennings Bros.
WELL OPERATOR
1212 Clark Building
STREET
Pittsburg, Pa. 10/06/2023
CITY OR TOWN
STATE

Address of Well Operator }
OCT 1947
WEST VIRGINIA
DEPARTMENT OF MINES

*Section 3 If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

A-2
FORM G-1

TO DRILL DEEPER PERMIT NO. Wet. 341

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

(REQUIRED BY SECTION 2, CHAPTER 86, ACTS 1929)

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS SECTION

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

MILLS WETZEL LANDS, INC.,
COAL OPERATOR OR COAL OWNER

6th & Putnam Streets,
Marietta, Ohio.
ADDRESS

Quaker State Oil Refining Corporation
NAME OF WELL OPERATOR

Box 1789, Parkersburg, West Virginia.
COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

January 27, 1950

PROPOSED LOCATION

ADDRESS

Grant District

Mills Wetzel Lands, Inc.,
OWNER OF MINERAL RIGHTS

Wetzel County

6th & Putnam Streets
Marietta, Ohio.
ADDRESS

Well No. 140

John Mills Est. Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated.....

April 12, 1895, made by John Mills, to

The Kanawha Oil Co., and recorded on the 4th day

of March 1896, in the office of the County Clerk for said County in

Book 47, page 611

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address.....day... before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

QUAKER STATE OIL REFINING CORPORATION,
WELL OPERATOR

Box 1789
STREET

Parkersburg,
CITY OR TOWN

West Virginia
STATE

10/06/2023



Address of Well Operator }

*Section 3. If no such objections be filed, or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

341-D

WET-341-D

TO DRILL DEEPER PERMIT NO. 211
 NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL
 (REQUIRED BY SECTION 2, CHAPTER 88, ACTS 1929)
 WEST VIRGINIA DEPARTMENT OF MINES
 OIL AND GAS SECTION

FORM D-1

To The Department of Mines,
 Charleston, W. Va.

QUAKER STATE OIL REFINING CORPORATION
 NAME OF WELL OPERATOR
 Box 1782, Parkersburg, West Virginia
 COMPLETE ADDRESS

MILLS WATER LANDS, INC.
 COAL OPERATOR OR COAL OWNER
 674 & Putnam Streets,
 Marietta, Ohio
 ADDRESS

1933-1934
 PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

District Grant
 County Wetzel

Address
 Mills Water Lands, Inc.
 OWNER OF MINERAL RIGHTS
 674 & Putnam Streets
 Marietta, Ohio
 ADDRESS

Well No. 110
 Farm John Mills East

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having fee title thereto, (or as the case may be) under grant or lease dated

April 12, 1892, made by John Mills to The Kanawha Oil Co., and recorded on the 11th day of March 1892, in the office of the County Clerk for said County in

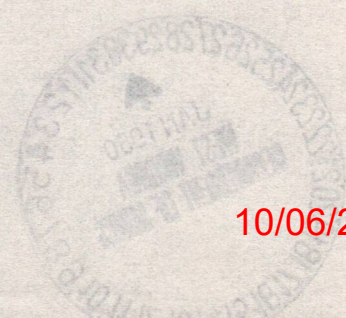
Book 47 page 611
 The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Marshal District and County above named, determined by survey and courses and distances from two permanent points or land marks.
 The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.
 The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 2 of said Act, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)
 Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses on the day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

QUAKER STATE OIL REFINING CORPORATION
 WELL OPERATOR
 Box 1782
 STREET
 Parkersburg,
 CITY OR TOWN
 West Virginia
 STATE

Address of Well Operator



10/06/2023

Section 2. If no such objections be filed or be found by the department of mines within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

A-10

MARIETTA COLLEGE

CHARTERED 1835

MARIETTA, OHIO

EDWY. R. BROWN SCHOOL OF PETROLEUM
C. C. HOGG

October 15, 1947

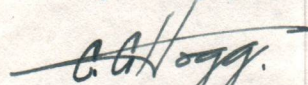
Department of Mines
Oil & Gas Division
Charleston, West Virginia

Gentlemen:

Enclosed herewith, we are making application for a permit to drill Well No. 140 on the Jennings Bros. lease of the John Mills Estate.

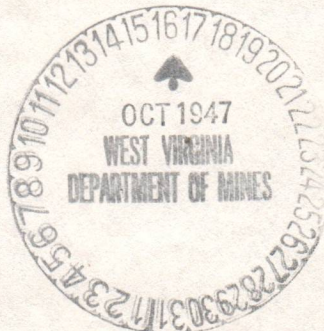
There is some deep coal on this property, but it is not being operated. The people who own the oil royalty also own the surface and coal. There will be no objection to this drilling by reason of the coal interests.

Very truly yours,



C. C. HOGG
For the Jennings Bros. Co.

CCH:md
Enclosure



10/06/2023

MARITTA COLLEGE

MARITTA, OHIO

October 12, 1927

EDWARD R. SHAW, CHIEF OF PETROLEUM
O. C. HOSS

Department of Mines
Oil & Gas Division
Charleston, West Virginia

Gentlemen:

Inclosed herewith, we are making application
for a permit to drill well No. 1-0 on the Jennings
Brook lease of the John Hill estate.

There is some deep coal on this property, but
it is not being operated. The people who own the
oil royalty also own the surface and coal. There
will be no objection to this drilling by reason of
the coal interests.

Very truly yours,

[Signature]
O. C. HOSS
For the Jennings Brook Co.

Enclosure

A 11

October 27, 1947

Jennings Brothers
1212 Clark Building
Pittsburgh, Pennsylvania

Gentlemen:

Enclosed is permit WET-341 to drill Well
No. 140 on the John Mills Estate, Grant District,
Wetzel County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
EN91-2

CC: Inspector Oliver W. Lineberg

A-12

February 9, 1950

Quaker State Oil Refining Corporation
P. O. Box 1789
Parkersburg, West Virginia

Gentlemen:

Enclosed is permit WET-341-D to drill
deeper Well No. 140 on the John Mills Estate Farm,
Grant District, Wetzel County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CHH:K
Encl-2

CC: Inspector Oliver W. Lineberg

10/06/2023

B-2

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
							Tried to core at 2807 but sand was too hard. Drilled to 2816.6 Started coring at 2816.6 and cored to 2836.
							Show of gas at 2816.6 - Best gas pay at 2821 to 2824.6 Showed best oil pay 2828 to 2833. Oil also at 2833 to 2835 Gordon Sand showed Good Pay Sand from 2816 to 2835 Last foot of sand very hard - 2836 to 2837
							Bottom of hole measured with steel line.

10/06/2023

Date _____, 19____

APPROVED _____, Owner

By _____ (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

B-1
Liddleton

WELL RECORD

Permit No. WET-341

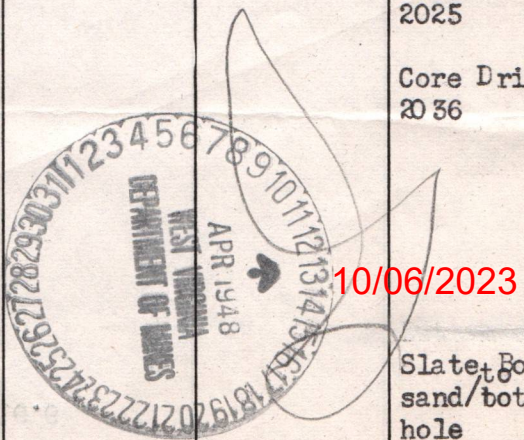
Oil or Gas Well Oil
(KIND)

Company E. H. JENNINGS BROS. COMPANY
Address 1212 Clark Bldg., Pittsburgh 22, Pa.
Farm John Mills Acres 5451
Location (waters) _____
Well No. 140 Elev. 970
District Grant County Wetzel
The surface of tract is owned in fee by Mills Wetzel Lands, Inc.
6th & Putnam Sts. Address Marietta, Ohio
Mineral rights are owned by Mills Wetzel Lands, Inc.
6th & Putnam Sts. Address Marietta, Ohio
Drilling commenced December 15, 1947
Drilling completed March 15, 1948
Date Shot March 18 From 2848 To 2822
With 30 quarts
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 104,000 Cu. Ft.
Rock Pressure 25 lbs. 3 hrs.
Oil 15.12 bbls., 1st 24 hrs.
Fresh water None feet _____ feet
Salt water Small amount feet 2144 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			Size of _____
359'	359'		Depth set _____
8 3/4	1233'		Perf. top _____
6 5/8	1983'		Perf. bottom _____
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 725 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pgh. Coal			725	729			
Pink Rock			815	822			
Lime			926	940			Measured Steel Line
Little Duncard			1120	1145			Measured Steel Line .1233
Big Duncard			1222	1298			
Gas Sand			1272	1370			
First Salt			1485	1494			
Second Salt			1542	1575			
Third Salt			1578	1665			
Water Sand (1 1/2 bbl. water)			1647	1665			
Third Salt			1725	1770			
Maxon Sand			1824	1868			
Water Hole Full			1850	1855			
Little Lime			1950	1961			
Pencil Cave			1961	1964			
Big Lime			1964	2010			Measured Steel Line . 1983
Slate Break			2010	2014			
Big Injun			2014	2240			
Gas			2019				Core Drill 2019 2025
Drilled			2025	2031			Core Drill 2031 2036
More Gas & Oil			2031				
More Gas			2036	2042			
Show Black Oil & Salt Water				2144			
Pink Rock			2664	2675			
Gordon Stray (Broken)			2783	2791			
Slate Break			2791	2795			
Gordon Sand			2797	2837			
Bottom Hole				2848.6			Slate, Bottom of sand/bottom of hole



B-3
Littleton



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. WET - 341-D

Oil or Gas Well Dry

(KIND)

Company Quaker State Oil Refining Corporation
Address Box 1789, Parkersburg, W. Va.
Farm John Mills Est. Acres 5.451
Location (waters) Buffalo Run of Fishing Creek
Well No. 140 Elev. 970
District Grant County Wetzel
The surface of tract is owned in fee by Mills Wetzel
Lands, Inc. Address Marietta, Ohio.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	359		Size of
8 1/4	1233		
6 5/8	1983		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced February 1, 1950
Drilling completed February 20, 1950
Date Shot Feb. 28, 1950 From 2,801 To 2,837
With 75 qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 5 _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 725 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
<u>Drilled deeper</u>							
Sand & Shale		H & S	2856	2857			
Shale	dark	M	2857	2867			
Shale & Sand		H & S	2867	2870			
Shale	dark	M	2870	2890			
Sand	light	H	2890	2892			
Shale	dark	M	2892	2937			
Sand	light	H	2837	2942			
Shale	dark	M	2942	2947			
Total Depth				2947			
							<u>Reshot in Gordon Sand</u>



10/06/2023

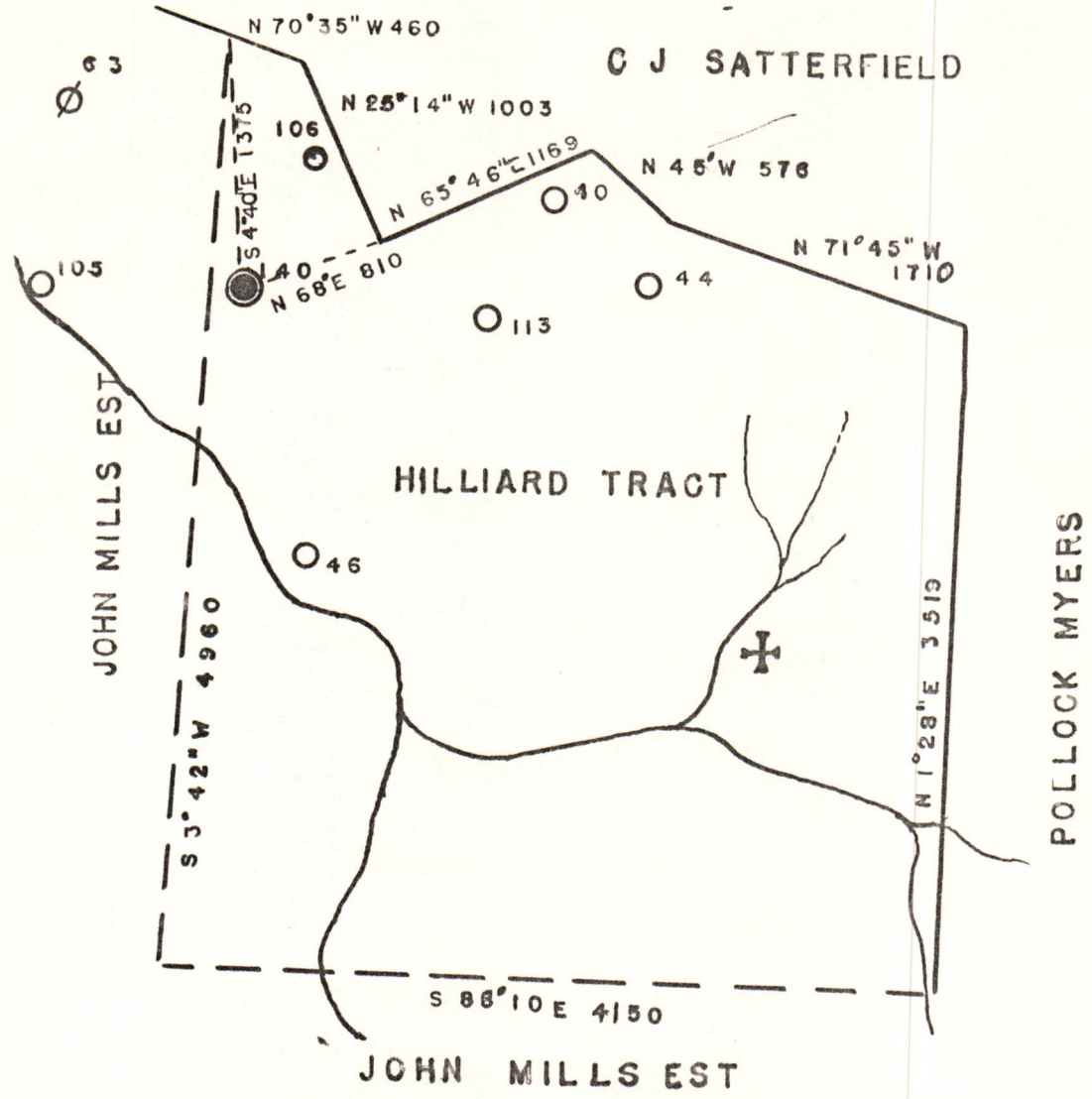
0 1 2 3 Latitude 39 35

1

2

3

Longitude 80 35



NEW LOCATION

ELEV. 970

SCALE 1"=1000'

Company JENNINGS BROS
 Address 1212 CLARK BLDG PITTSBURG PA
 Farm JOHN MILLS EST
 Tract _____ Acres _____ Lease No. _____
 Well (Farm) No. 140 Serial No. _____
 Quadrangle LITTLETON
 County WETZEL
 District GRANT
 Engineer *G. L. Hogg*
 Engineer's Registration No. _____ 1694
 File No. _____ Drawing No. _____
 Date _____ Scale _____

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

WELL LOCATION MAP
FILE NO. Wet-341 10/06/2023

+ 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.