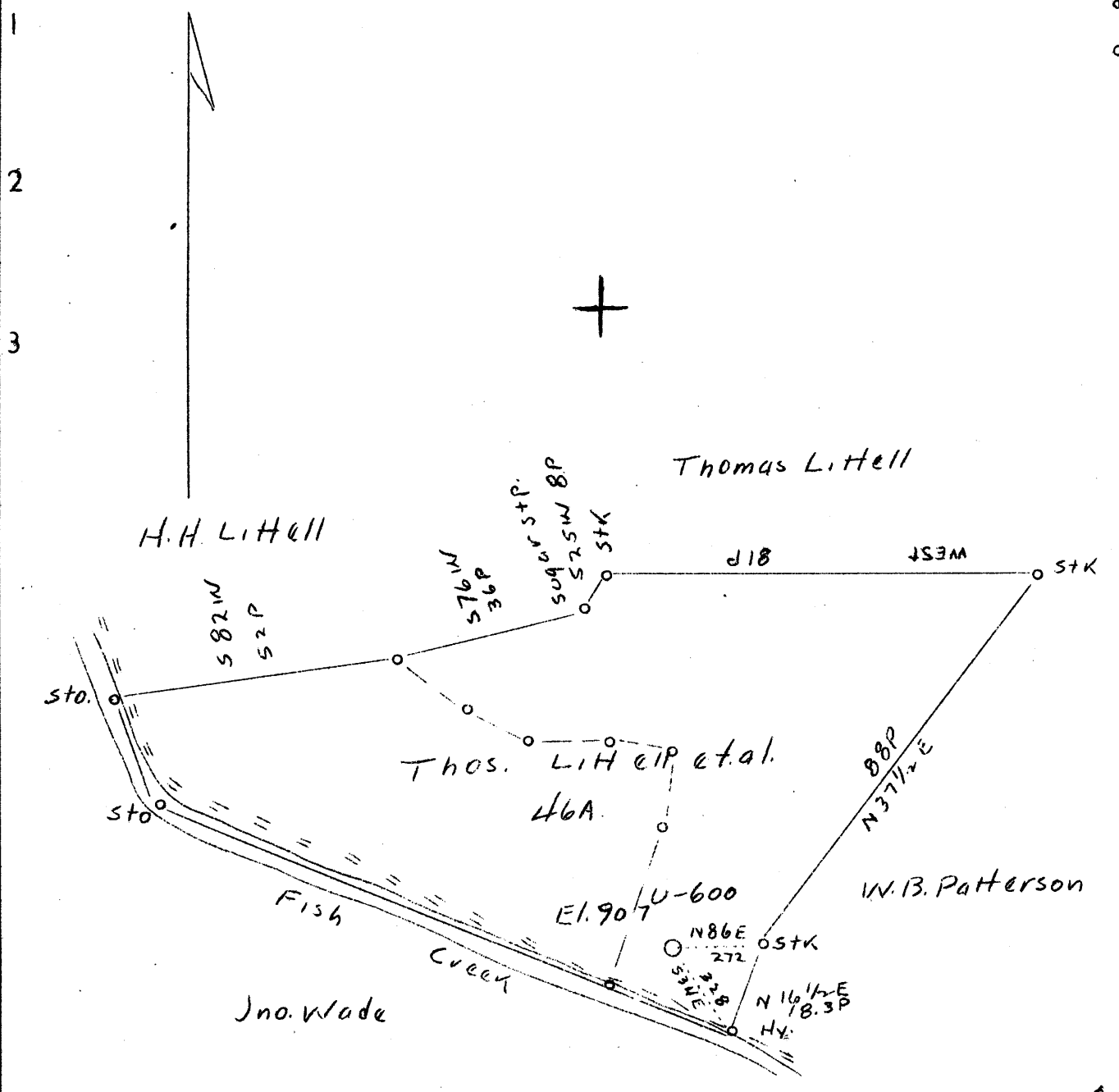


LATITUDE 39° 45'

LONGITUDE 80° 30'



3.67 W - 3.62
 2.19 S - 2.19

Coal
 owned by Bertha Coal Co.

Abd.

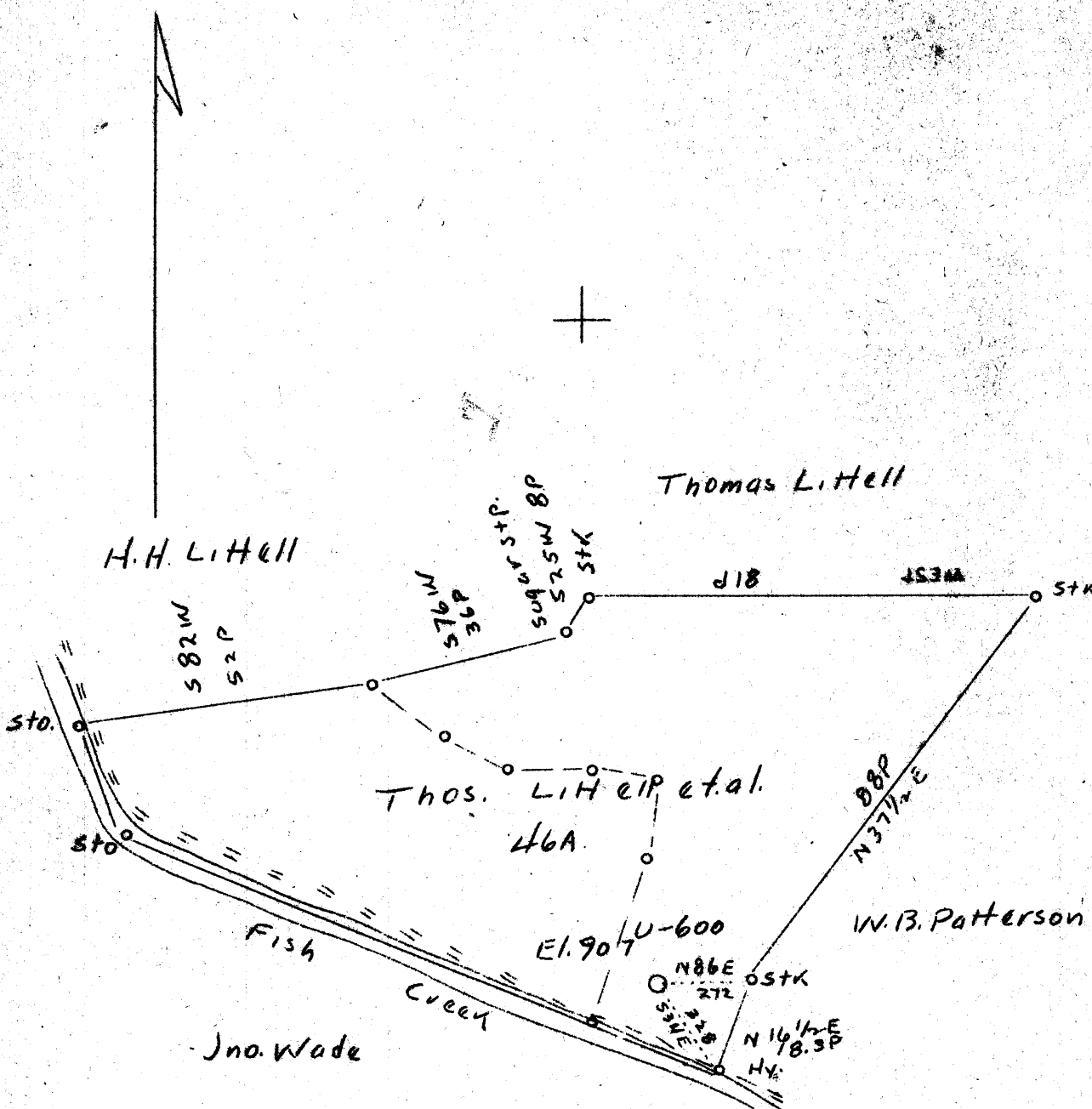
Company	Union Gasoline & Oil Corp.
Address	209 Riley Law Bldg., Wheeling, W. Va.
Farm	Thomas Littell, et al
Acres	46
Lease No.	5754
Well (Farm) No.	3
Serial No.	U-600
Elevation (SL)	907
Quadrangle	Littleton N. E.
County	Wetzel
District	SLAY CENTER
Engineer	J. C. Mercer
Eng. Reg. No.	-
Drawing No.	Y-8-498
Date	Oct. 4, 1939
Scale	1" = 500'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL & GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. WET-317A

x Denotes location of well on U. S. 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.

LATITUDE 39 45
LONGITUDE 80° 30'



Coal ...
owned by Bertha Coal Co.

3.59 716 W
2.89 719 Q

Abd.

OCT 16 1939

Company	Union Gasoline & Oil Corp.
Address	209 Riley Law Bldg., Wheeling, W. Va.
Farm	Thomas Littell, et al
Acres	46
Lease No.	5754
Well (Farm) No.	3
Serial No.	U-600
Elevation (SL)	907
Quadrangle	Littleton N. E.
County	Wetzel
District	Clay Center
Engineer	J. C. Mercer
Eng. Reg. No.	-
Drawing No.	Y-8-498
Date	Oct. 4, 1939
Scale	1" = 500'



STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP
File No. WET-310A

x Denotes location of well on U. S. 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.

WELL RECORD

Permit No. _____ Oil or Gas Well _____

Company Is **A. H. Beren** Casing and Used in Left in Packers
 Address No **etta, Chic** Tubing Drilling Well
 Farm **T. & E. Little** Acres _____ Size _____ Kind of Packer
 Location (water) _____ Elev _____
 Well No. _____ County _____
 District **Clk**
 The surface of _____ is owned in fee by **A. H. B. Little** 10' 190' 11" 190' 11" Size of
T. D. Address _____ 8 1/2" 1238' 1" 1238' 1"
 owned by **T. & E. Little** 6 5/8" 1962' 9" 1962' 9" Depth set
T. D. Address _____ 5 3/16"
 Original owner **Jan. 18, 1888**
 Drilling completed **MARCH 22, 1924** Perf. top
 Date shot _____ Depth shot _____ Liners Used _____ Perf. bottom
Open Flow _____ 10ths Water in _____ Inch _____
 _____ 10ths Merc. in _____ Inch _____
 _____ _____ Casing Cemented _____ SIZE _____ No. FT. _____ Dia
 _____ _____
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls. per 24 hrs. **COAL WAS ENCOUNTERED AT 410 FEET 36 INCHI**
606 FEET 60 INCHES 734 FEET 84 INCHI
FEET INCHES FEET INCHI
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Red Rock			0	15			
Lime			40	95			
Bluff Sand			355	410			
Waynesburg	al		410	415			
Pittsburgh	al		734	741			
Red Rock			795	807			
Red Rock			840	870			
Maryky Sand			905	929			
Red Rock			950	957			
Little Dunk			1100	1177			
Big Dunker			1193	1248			
Sas Sand			1420	1450			
1st Salt S			1462	1510			
2nd Salt S			1530	1565			
Sand			1570	1608	Gas	1575'	
Little Lime			1861	1869			
Fennell Cav			1869	1875			
Big Lime			1875	1930			
Big Injan			1930	2185	Gas	1950', 1965', 2008', 2	
Gordon Stru			2793		Oil	2807' to 2812'	
Total Dept			2616				

AFFIDAVIT OF PLUGGING AND FILLING WELL

T. & E. B. Little
COAL OPERATOR OR OWNER
R. F. D., Madrid, West Virginia
ADDRESS

Israel H. Green
NAME OF WELL OPERATOR
MARIETTA, OHIO
COMPLETE ADDRESS

June 6
WELL AND LOCALITY

19 40

COAL OPERATOR OR OWNER
ADDRESS

Clay

District

County

Union Gasoline & Oil Corporation
LEASE OR PROPERTY OWNER
Wheeling, West Virginia
ADDRESS

Netzel

Well No. 600

T. & E. B. Little

Farm

AFFIDAVIT TO BE MADE IN TRIPPLICATE, ONE COPY TO BE MAILED BY REGISTERED MAIL TO THE DEPARTMENT, ONE COPY ABOVE NAMED AT THE WELL OPERATOR AND THE OTHER COPY (AND EXTRA COPIES IF REQUIRED) TO BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

AFFIDAVIT

OHIO
STATE OF WEST VIRGINIA
COUNTY OF MARIETTA

G. W. Green and Israel Green in the work of being first duly sworn according to law depose and say that they are experienced plugging and filling oil and gas wells and were employed by Israel H. Green that said work well operator, and participated in the work of plugging and filling the above well was commenced on the 2nd day of FEBRUARY 19 40, and plugged and filled in the following manner:

Manner in which sand was plugged: Filled with clay from bottom, 20' to 2773', 20' above Gordon Stray. Sealed hole 2773' to 2743'. Set permanent bridge at 2215', 30' below Big Injun. Filled with clay from 2215' to 1910', 20' above Injun. Sealed hole 1910' to 1900'. Pulled 6-5/8" casing from hole. Recovered 12', 20' above bridge at 1636', 30' below Sand. Filled with clay from 1636' to 1432', 20' above 1st Salt Sand. Sealed hole 1442' to 1432'. Filled with clay from 1432' to 1400', 20' above Gas Sand. Sealed hole 1400' to 1390'. Set permanent bridge at 1278', 30' below Big Dunkard. Filled with clay from 1278' to 1238'. Pulled 8-1/4" casing from hole. Recovered 1000'. Remainder of plugging done as 8-1/4" casing was pulled from hole. Manner in which coal was plugged: Filled with clay from 1238' to 1173', 30' below Dunkard. Sealed hole 1173' to 1163'. Set permanent bridge at 771', 20' above Pittsburgh Coal. Filled with Neat cement from 771' to 714', 20' above Pittsburgh Coal. Filled with clay from 714' to 641', 20' below Mapletown Coal. Filled with Neat cement from 641' to 566', 20' above Mapletown Coal. Filled with clay from 566' to 443', 20' below Waynesburg Coal. Filled with Neat cement from 443' to 300', 20' above Waynesburg Coal. Filled with clay from 300' to 200'. Set permanent bridge at 200' to top. Pulled 10" casing from hole. Recovered 190'. Filled with clay from 200' to top.

Description of monument:
Base 36" x 36" x 4". Center pier 30" high x 10" square at bottom. 1 8" square at top. 4" pipe through center for 2' in ground. With Proper Markings.

(THE ABOVE DESCRIPTION MUST BE IN DETAIL AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16 ARTICLE 11 OF THE CODE)
and that the work of plugging and filling said well was completed on the 1st of March 19 40.

And further deponents saith not.

Israel H. Green

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

786

WELL RECORD

Permit No. 310-A

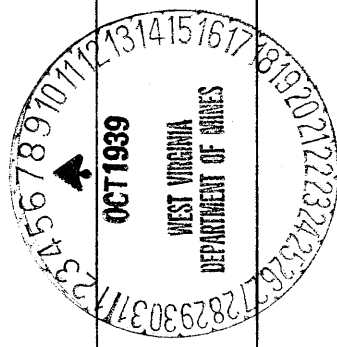
Oil or Gas Well Oil
(Kind)

Company Union Gasoline & Oil Corp.
Address 209 Riley Law Bldg., Wheeling, W. Va.
Farm Thomas Little Acres 50
Location (waters).....
Well No. 3 - 600 Elev. 907'
District Clay County Netzel
The surface of tract is owned in fee by Ema B. Littall
Address Littleton, WVa.
Mineral rights are owned by Union Gasoline & Oil Corp
209 Riley Law Bldg., Address Wheeling, WVa.
Drilling commenced December 21, 1925
Drilling completed January 19, 1926
Date shot..... Depth of shot.....
Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume..... Cu. Ft.
Rock Pressure..... lbs..... hrs.
Oil..... bbls., 1st 24 hrs.
Fresh water..... feet..... feet
Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			
10.....	190' 11"	190' 11"	Size of.....
8 1/4.....	1238' 1"	1238' 1"	
6 5/8.....	1962' 9"	1962' 9"	Depth set.....
5 3/16.....			
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....
COAL WAS ENCOUNTERED AT 410 FEET. 36 INCHES
606 FEET. 60 INCHES. 734 FEET. 84 INCHES
..... FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Red Rock			0	15			
Lime			40	95			
Bluff Sand			355	410			6 bailers water per hour
Waynesburg Coal			410	413			
Mapletown Coal			606	611			
Pittsburgh Coal			734	741			
Red Rock			795	807			
Red Rock			840	870			
Murphy Sand			905	929			
Red Rock			950	957			
Little Dunkard			1100	1177			
Big Dunkard			1193	1248			
Gas Sand			1120	1150			
1st Salt Sand			1162	1510			
2nd Salt Sand			1535	1553			
Sand			1570	1608			Gas at 1575
Little Lime			1861	1869			
Pencil Cave			1869	1875			
Big Lime			1875	1930			
Big Injun Sand			1930	2185			Gas 1950 - 1966 - 2008 - 2020
Gordon Stray			2793				
Total depth				2818			Oil at 2807 - 2812 Hole reduced at 2793



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date..... **October 6,** 19**39**

APPROVED **UNION GASOLINE & OIL CORPORATION** , Owner

By.....
(Title) **Superintendent**