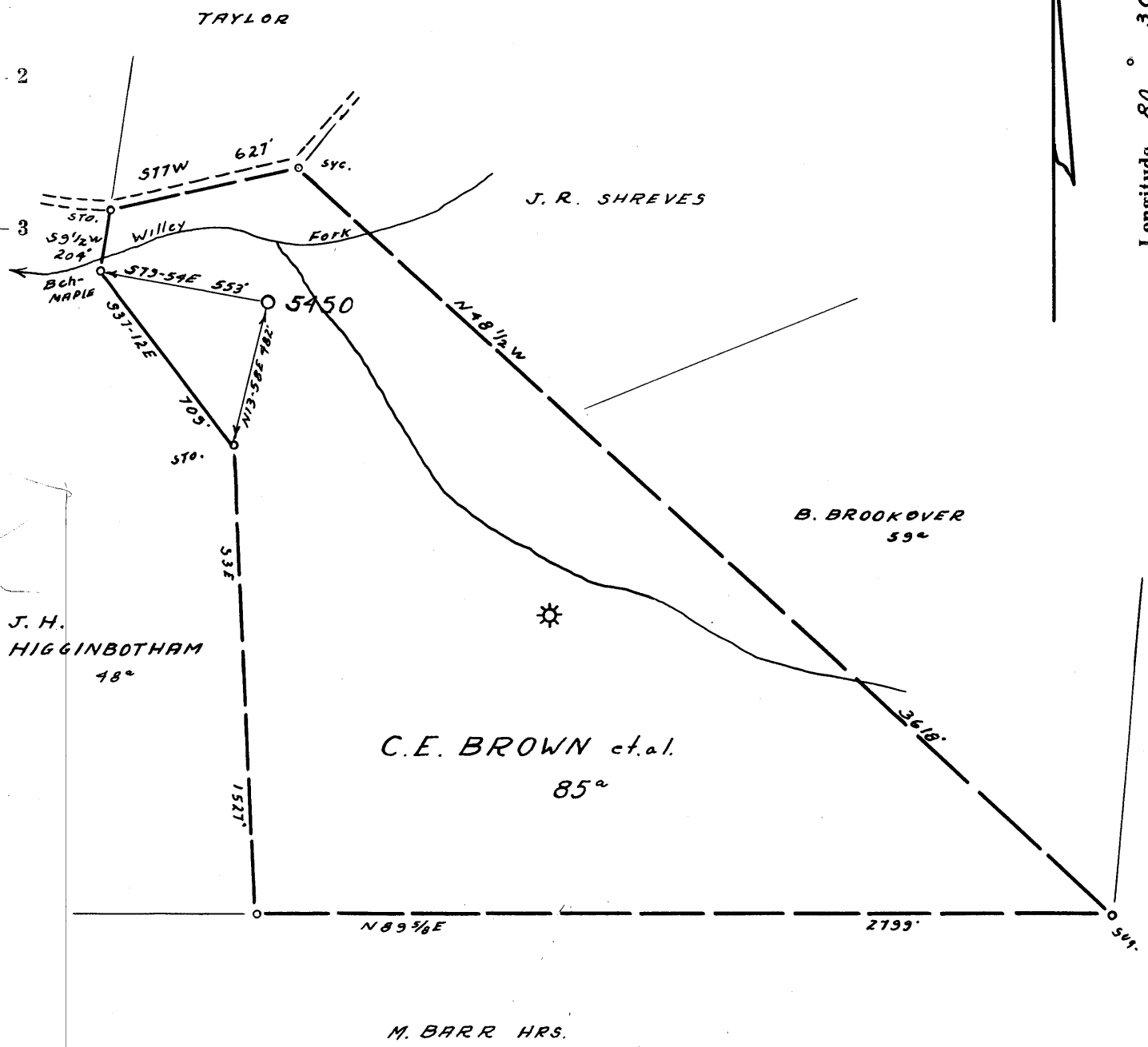


Latitude 39 ° 35 ' +

0.21S  
3.05W

Longitude 80 ° 30 ' +



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

see map 320

Company EQUITABLE GAS CO. W.VA. DIV.  
 Address PITTSBURGH, 19 PA.  
 Farm C. E. BROWN et. al.  
 Tract \_\_\_\_\_ Acres 85 Lease No. 25423  
 Well (Farm) No. 2 Serial No. 5450  
 Elevation (Spirit Level) 937'  
 Quadrangle LITTLETON SE 2<sup>3</sup>  
 County WETZEL District GRANT  
 Engineer James D. Jeffers  
 Engineer's Registration No. 1084  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 3-12-62 Scale 1" = 500'

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

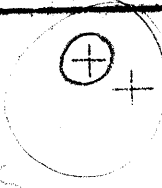
**WELL LOCATION MAP**  
 FILE NO. Wec-520-R

+ 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.

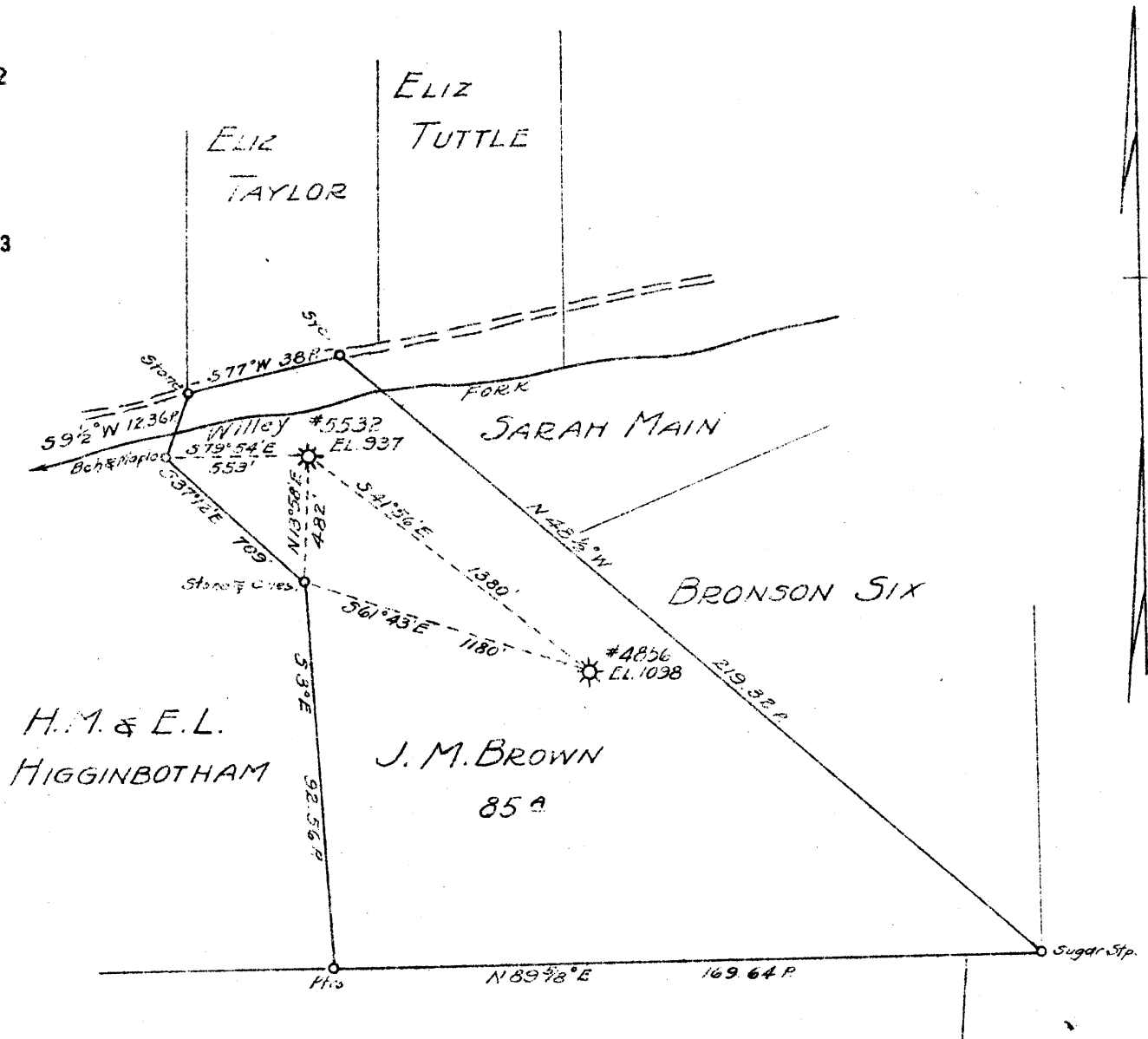
RDMS

9-0 45



0.265  
3,100

Longitude 80° 30'



U.S. OIL COMPANY

*Handwritten notes:*  
D...  
A 320 3/45  
C...  
P...  
all 320 P 520

New Location  
Drill Deeper... x 5532  
Abandonment

MAP SHEET 32 Sq. N-10E-4 F.B. 765 P.4

Company	HOPE NATURAL GAS CO.
Address	CLARKSBURG W. VA.
Farm	J. M. BROWN
Tract	Acres 85 Lease No. 25994
Well (Farm) No.	Serial No. AS SHOWN
Elevation (Spirit Level)	AS SHOWN
Quadrangle	LITTLETON
County	WETZEL District GRANT
Engineer	W. M. Bowers
Engineer's Registration No.	900
File No.	Drawing No.
Date	9-5-44 Scale 1" = 40 FEET

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

WELL LOCATION MAP

FILE NO. WET-320. → 520

+ 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  
REDRILL  
WELL RECORD

Quadrangle Littleton SE 2.3

Permit No. WET-520-E

Gas Storage Abandoned  
Oil or Gas Well (KIND)

Company Equitable Gas Company  
Address 420 Blvd. of the Allies, Pgh. 19, Pa.  
Farm C. E. Brown Acres 85  
Location (waters) Littleton SE 2.3  
Well No. 5450 Elev. 937  
District Grant County Wetzel  
The surface of tract is owned in fee by O. E. Shreve  
3704 Hannlin Way Address Weirton, W. Va.  
Mineral rights are owned by C. E. Brown, Agent  
Rt. 2, Box 237 Address New Martinsville, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>None</u>
10	<u>3 1/2 - New</u>	<u>3 1/2</u>	Size of
8 1/4	<u>5 1/2 - New</u>	<u>1255</u>	
6 3/4	<u>5 1/4 - Old</u>		Depth set
5 1/8			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Re Drilling commenced 4-28-62  
Re Drilling completed 11-14-63  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
None  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT

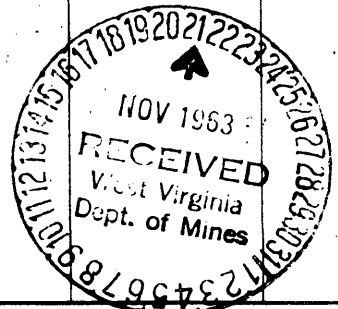
ROCK PRESSURE AFTER TREATMENT

Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Native Coal			410	416			
Pgh. Coal			660	667	Gas	665	Show
B. Dunkard Sand			1130	1175			
Gas Sand			1400	1411	Gas	1414	Show
1st Salt Sand			1448	1490	Water	1475	
2nd Salt Sand			1535	1692			
Little Lime			1845	1850			
Big Lime			1855	1906			
Big Injun Sand			1906	2025	Gas	1911-17	
					"	1995-1998	
					"	2018-2021	
					Oil	2018-2021	Show
Original T.D.				2025			
Redrilled to				2025			
Completed at				2025			

Note: Log shown from original Drillers Record.  
Well originally drilled Aug. 2, 1919, and plugged 3-31-45 by Hope N. G. Co.  
Well to be replugged.  
Located in Mobley Gas Storage Pool Area.

1855  
937  
918





942

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. 320-Wet-520

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Hope Natural Gas Company.  
 Address 445 West Main St. Clarksburg, W. Va.  
 Farm J.M. Brown. Acres 85  
 Location (waters) \_\_\_\_\_  
 Well No. 5532 Elev. 937  
 District Grant County Wetzel  
 The surface of tract is owned in fee by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Mineral rights are owned by \_\_\_\_\_  
 Address \_\_\_\_\_  
 Drilling commenced July 18, 1919  
 Drilling completed August 2, 1919  
 Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 With \_\_\_\_\_  
 Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 80 295 feet \_\_\_\_\_ feet  
 Salt water 1475 feet \_\_\_\_\_ feet

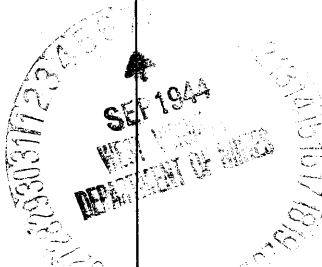
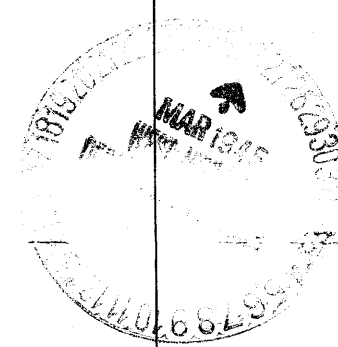
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	366	Pulled	Size of
8 1/4	1196	1196	
6 5/8	1867	1867	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 660 FEET 84 INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
✓ Pittsburgh Coal			660	667	water show gas	80 295 665	
✓ Little Dunkard			1130	1175			
✓ Big Dunkard			1400	1411	show gas	1414	
✓ Gas sand			1448	1496	water	1475	
✓ First Salt			1535	1692			
✓ Little Lime			1845	1850			
✓ Pencil cave			1850	1855			
✓ Big Lime			1855	1906			
✓ Big Injun			1906		gas	1911-1995-2018	
Total depth				2025			

TO BE DRILLED DEEPER



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

Date September 6, 1944., 194

APPROVED Hope Natural Gas Company., Owner

By *[Signature]* Ass't to Gen. Sup't.  
(Title)

