

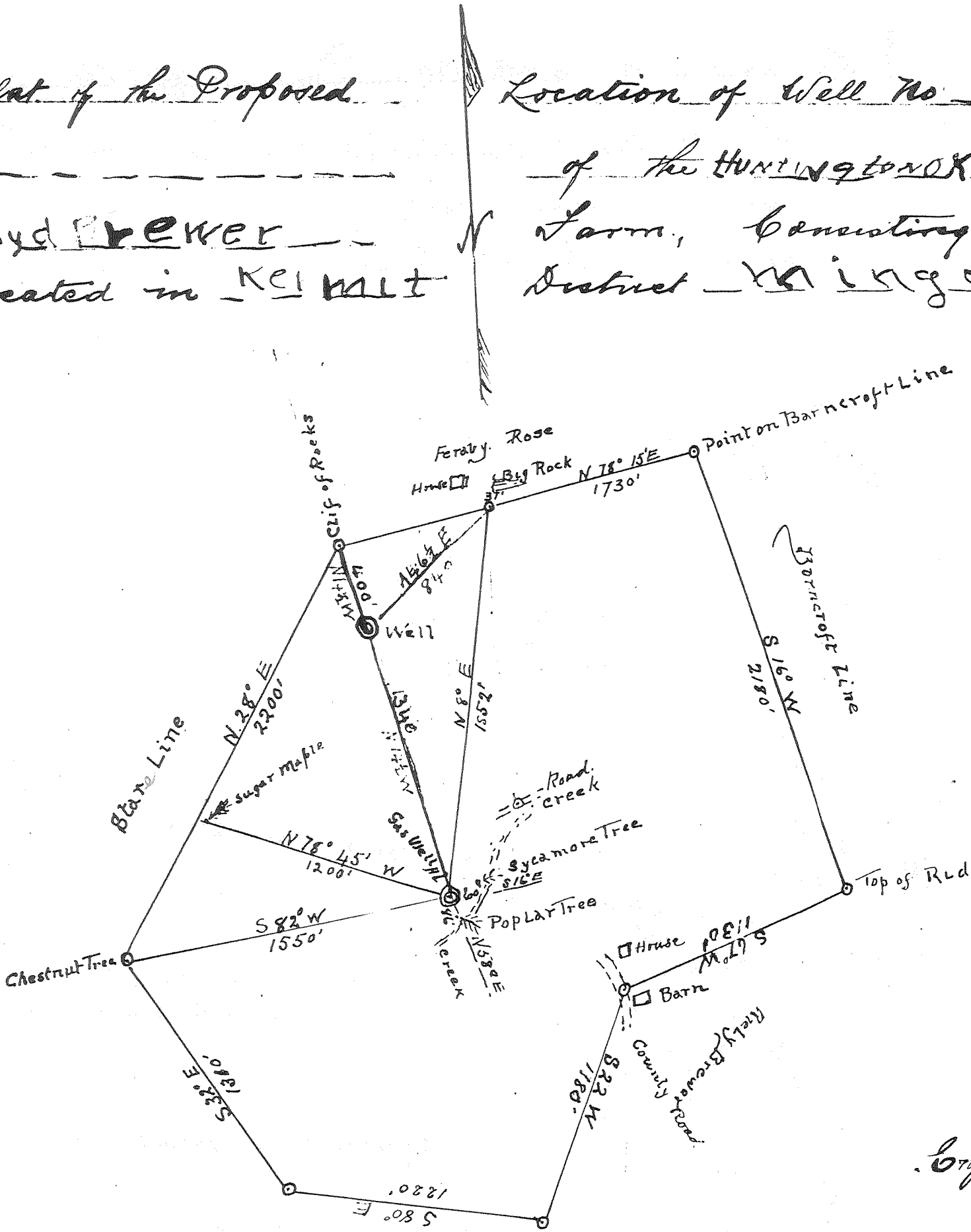
Mingo - 31

Plat of the Proposed

Location of Well No

Boyd Brewer  
Located in Kent

of the Huntington  
Farm, containing  
District Mingo



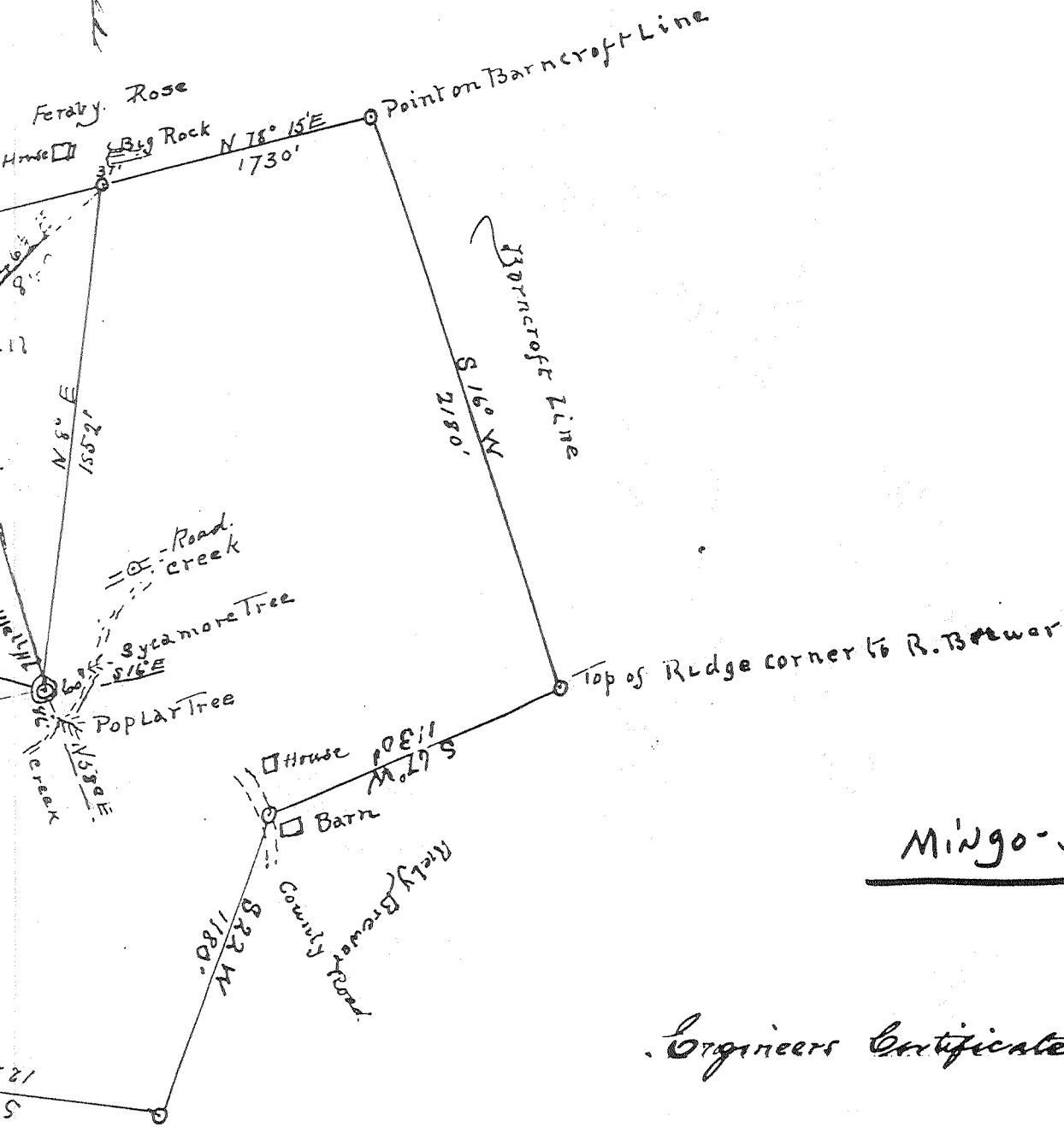
Surveyed June 17<sup>th</sup> 1931

I, the undersigned, hereby  
shows all the maps  
and belief required  
of the Mining Law

acknowledged before me  
this day of  
1931

By

Location of Well No 2 of the  
of the HUNTINGTON/ALABAMA OIL CO. on the  
farm, consisting of 100 acres  
District Mingo County.



Mingo-31

Engineers Certificate.

I, the undersigned, hereby certify that this map is correct, and shows all the information to the best of my knowledge and belief required by the oil and gas sections of the Mining Laws of West Virginia.

By D. W. Farguharson.  
 Engineer

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Floyd Brewer No. 2 Well.

Kermit District, Mingo County, W. Va.  
By Huntington-Oklahoma Gas Company.  
Permit No. Min-31-D. (Not shown on map).  
149 M. cu. ft. gas.

	Top.	Bottom.	Thickness.	Elevation (top)
Big Lime -----	1280	1470	190	
Big Injun Sand-----	1508	1535	27	
Berea Sand -----	2020	2105	85	
Corniferous Lime -----	3274	3920	(646)	

Thickness, Devonian Shales, 1169 feet. Total depth, 3920'.  
Remarks: Completed June 1938.  
Gas in Maxton, Big Lime, and Brown Shale.  
Location and record not available.

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Min-31 D

Oil or Gas Well.....  
(Kind)

Company Huntington - Oklahoma Oil Co.,  
 Address Box 424, Huntington, W. Va.  
 Farm Floyd Brewer Acres.....  
 Location (waters) Marrowbone  
 Well No. 2 Elev.....  
 District Kermit County Mingo  
 The surface of tract is owned in fee by.....  
 Address.....  
 Mineral rights are owned by.....  
 Address.....  
 Drilling commenced.....  
 Drilling completed June 1938  
 Date shot..... Depth of shot.....  
 Open Flow /10ths Water in..... Inch  
 /10ths Merc. in..... Inch  
 Volume 149 MCF Cu. Ft.  
 Rock Pressure..... lbs..... hrs.  
 Oil..... bbls., 1st 24 hrs.  
 Fresh water 165' feet..... feet  
 Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			
10.....			Size of.....
8 3/4.....	<u>235'</u>		
6 5/8.....	<u>1182'</u>		Depth set.....
5 3/16.....			
3.....	<u>1182'</u>		Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....  
 COAL WAS ENCOUNTERED AT 5 FEET 24" INCHES  
170 FEET 60 INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			5'	7'			
Sand			7'	170'			
Coal			170'	175'			
Sand			175'	190'			
Slate & Shells			190'	235'			
Lime Shells			235'	570'			
Slate & Sand			570'	750'			
Lime Shells			750'	800'			
Black Slate			800'	860'			
Sand			860'	920'			
Black Slate			920'	925'			
Blue Slate			925'	1000'			
Red Rock			1000'	1025'			
Lime Shells			1025'	1060'			
Red Rock			1060'	1080'			
Lime Shells			1080'	1100'			
Black Slate			1100'	1135'			
Red Rock			1135'	1155'			
Slate			1155'	1180'			
Bottom of hole				1182'			
					Gas at 1180'		
Deepened June 1938 Big Lime 1280 1470 Big Injun 1505 1535 Berea 2020 2105 Corniferous 3274 3920 T.D.							
Gas in Maxton, Big Lime, Dew Sh. No location available. See Summarized Records of Deep Wells by R.C. Tucker 1944, v. 16, p. 626.							

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. Min-31

Oil or Gas Well.....  
(Kind)

Company..... Huntington - Oklahoma Oil Co.,  
Address..... Box 424, Huntington, W. Va.  
Owner..... Boyd Brewer Acres.....  
Location (waters)..... Marrowbone  
Well No..... 2 Elev.....  
District..... Kermit County..... Mingo  
The surface of tract is owned in fee by.....  
Address.....  
General rights are owned by.....  
Address.....  
Drilling commenced.....  
Drilling completed.....  
Date shot..... Depth of shot.....  
Open Flow /10ths Water in..... Inch  
/10ths Merc. in..... Inch  
Volume..... Cu. Ft.  
Back Pressure..... lbs..... hrs.  
..... bbls., 1st 24 hrs.  
Fresh water..... 165' feet..... feet  
Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			
10.....			Size of.....
8 1/4.....	235'		
6 5/8.....	1182'		Depth set.....
5 3/16.....			
3.....	1182'		Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....  
COAL WAS ENCOUNTERED AT 5 FEET 24" INCHES  
170 FEET 60 INCHES FEET..... INCHES  
..... FEET..... INCHES FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Coal			5'	7'			
Sand			7'	170'			
Coal			170'	178'			
Sand			175'	190'			
Slate & Shells			190'	235'			
Lime Shells			235'	570'			
Slate & Sand			570'	750'			
Lime Shells			750'	800'			
Black Slate			800'	860'			
Sand			860'	920'			
Black Slate			920'	925'			
Blue Slate			925'	1000'			
Red Rock			1000'	1025'			
Lime Shells			1025'	1060'			
Red Rock			1060'	1080'			
Lime Shells			1080'	1100'			
Black Slate			1100'	1135'			
Red Rock			1135'	1155'			
Slate			1155'	1180'			
Bottom of hole				1182'	Gas at 1180'		

Mingo-31

Huntington-Oklahoma Oil Company  
 Box 424 Huntington, W. Va. Address  
 Boyd Brewer No. 2.

COMPLETION DATA SHEET  
 NO. 2  
 FORMATION RECORD

Name	Color	Character	Oil, Gas or Water	Top	Bottom	Thickness	Total Depth	Remarks
Surface				0	5			
Coal				5	7			
Sand				7	170			
Coal				170	175			
Sand				175	190			
Slate & Shells				190	235			
Lime Shells				235	270			
Slate & Sand				570	750			
Lime Shells				750	800			
Black Slate				800	860			
Sand				860	920			
Black Slate				920	925			
Blue Slate				925	1000			
Red Rock				1000	1025			
Lime Shells				1025	1080			
Red Rock				1060	1080			
Lime Shells				1080	1100			
Black Slate				1100	1135			
Red Rock				1135	1155			
Slate				1155	1180			
Bottom of hole					1182			
	235'	8" Casing.						
	1182'	6 5/8ths" Casing on L. & R. Packer.						
	1182'	3" Tubing, on B. H. Packer.						

~~shot~~

Well was not shot at.....feet; well was shot at.....feet.

Salt  
 Fresh water at.....165'.....salt  
 feet; fresh water at.....feet.

producing  
 Well was.....hole.  
~~dry~~

Dec. 1s, 1931  
 Date

Approved

Huntington-Oklahoma Oil Co.  
 Owner

NOTE: All bottom formations must be noted as indicated above and all key-rocks and oil and gas sands must be recorded under their proper geological names in the district as well as any local names commonly used in the district for such strata.

SEP 20 1933