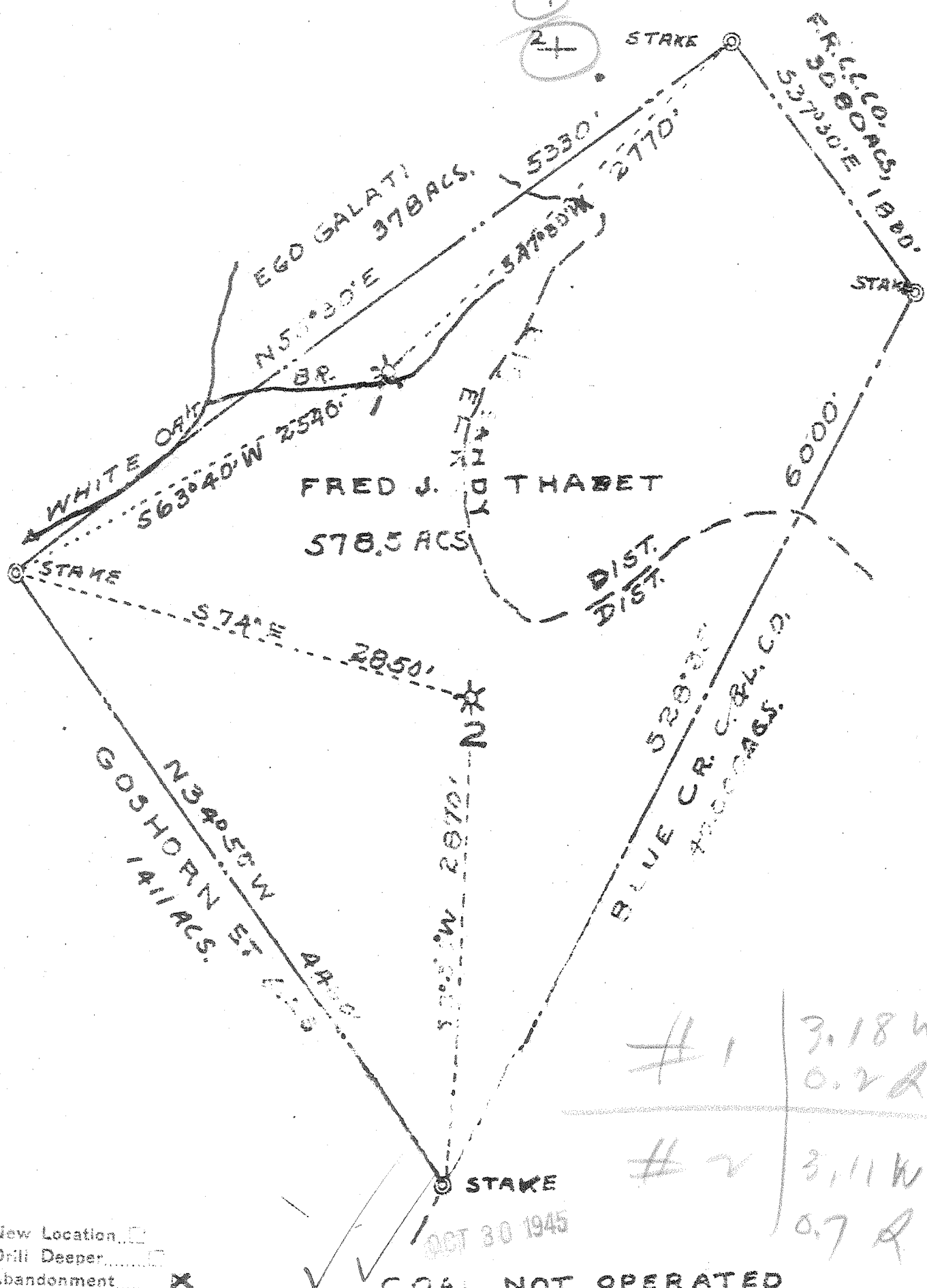


Latitude 38° 25'

Longitude 81° 20'



New Location
 Drill Deeper
 Abandonment

COAL NOT OPERATED

Company **LIMA GAS COMPANY**
 Address **CHARLESTON, W. VA.**
 Farm **FRED J. THABET.**
 Tract _____ Acres **578.5** Lease No. _____
 Well (Farm) No. **12** Serial No. _____
 Elevation **STADIA** Level) **(2 1155')**
 Quadrangle **CLENDENIN**
 County **KANAWHA** District **ELK.**
 Engineer **E. E. Krebs.**
 Engineer's Registration No. **9.**
 File No. **11764.** Drawing No. _____
 Date **4-30-42** Scale **1" = 800 FT**

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

WELL LOCATION MAP
 FILE NO. **Kar-435-A, well-1**
Kar-436-A, well-2

+ 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



1179

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

60 feet

WELL RECORD

Permit No. AP 436 A Oil or Gas Well (KIND)

Company Lima Gas Company
Address 918 Bigley Avenue - Charleston, W. Va.
Farm Fred J. Thabet Acres 578
Location (waters) White Oak Br. of Blue Creek
Well No. 2 Elev. 1155'
District Elk County Kanawha
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 5/8		1850 approx	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced _____
Drilling completed approx - 1900
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 _____ feet _____ feet
Salt water _____ feet _____ feet

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
soil, black shale and shells			1080	1080			
Salt Sand			1080	1325			
Slate			1115	1340			
Lime			1125	1350			
Slate			1350	1360			
Hard Gritty Lime			1360	1380			
Sand			1380	1480			
Lime			1480	1500			
Red Rock			1500	1505			
Lime			1505	1565			
Slate			1565	1575			
Lime			1575	1580			
Red Rock			1580	1625			
Slate & Lime Shells			1625	1675			
Hard Sandy Lime			1675	1685			
Slate & Shells			1685	1720			
Little Lime			1720	1750			
Pencil Cave			1750	1755			
Lime			1755	1785			
Pencil Cave			1785	1790			
Big Lime			1790	1945			
Red Rock & Slate			1945	1975			
White Sand, Big Injun			1975	2030			
Red Sand			2030	2035			
Hard White Sand			2035	2065			
Sand and Lime Shells			2065	2110			
Sand - Weir-Gas			2110	2175			
Total Depth				2175			