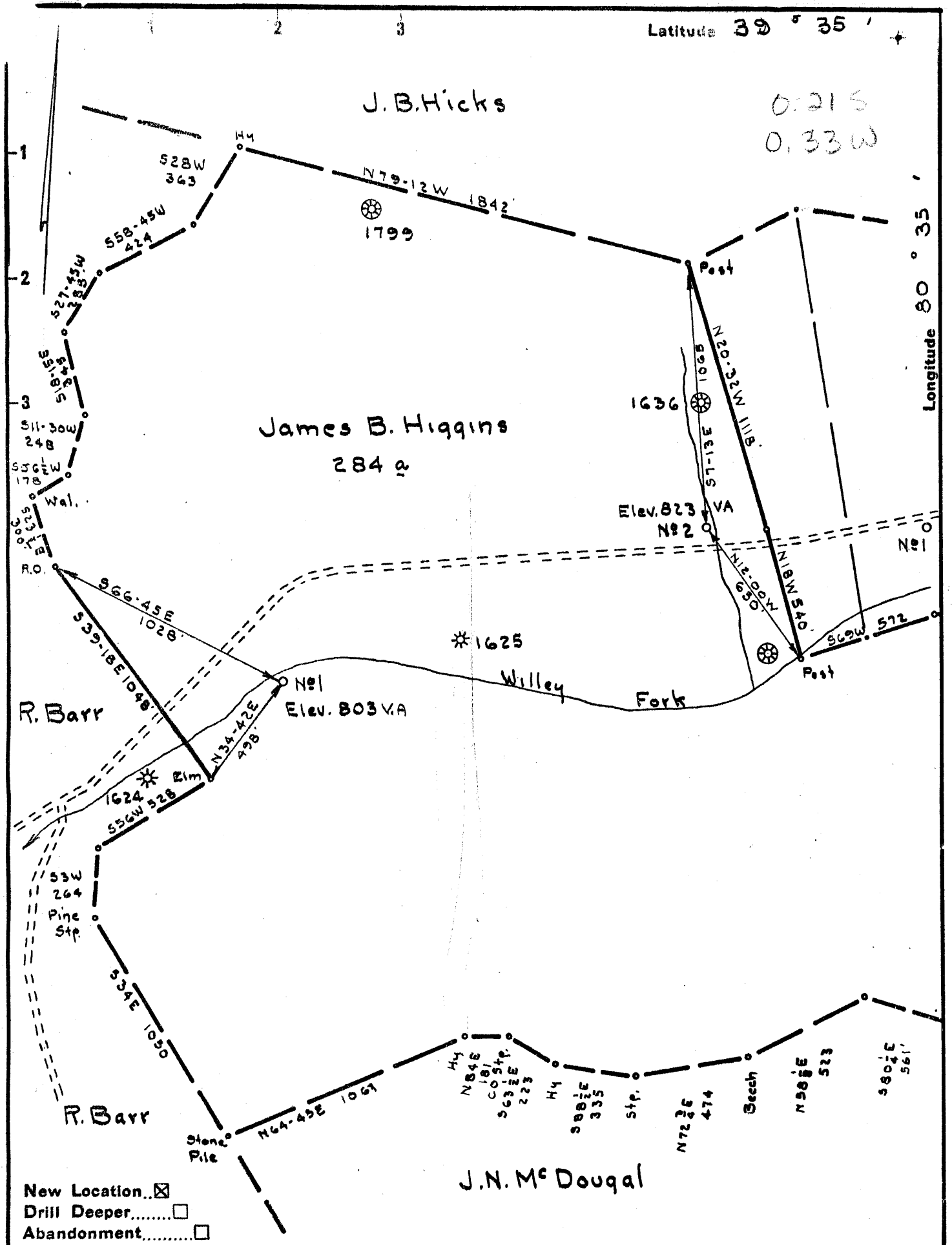


Latitude 39° 35'



New Location...
 Drill Deeper.....
 Abandonment.....

Company P.C. McKenzie Co.
 Address Pittsburgh Pa.
 Farm James B. Higgins
 Tract _____ Acres 300 Lease No. _____
 Well (Farm) No. 1 & 2 Serial No. _____
 Elevation (Spirit Level) As Shown
 Quadrangle Littleton S.E.
 County Wetzel District Grant
 Engineer James D. Jeffries
 Engineer's Registration No. 1084
 File No. 182/148 Drawing No. _____
 Date 8-31-55 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. Wet-419

+ 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.

6-0 (045)



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

Quadrangle Littleton S. E.

Permit No. WET-419

WELL RECORD

Oil or Gas Well Gas

(KIND)

Company P. C. McKenzie Company
Address P. O. Box 10396, Pittsburgh 34, Pa.
Farm James B. Higgins Acres 300
Location (waters) Big Run
Well No. 1 Elev. 803'
District Grant County Wetzel
The surface of tract is owned in fee by James O. Higgins
Address Pine Grove, W. Va.

Mineral rights are owned by W. L. Higgins, atty. in fact
for Bessie W. Booth, et al Address Coburn, Wetzel County

Drilling commenced October 3, 1955
Drilling completed October 17, 1955
Date Shot 10/19/55 From 489' To 485'
With 19 sticks - 60% Dynamite

Open Flow 10/10ths Water in 1" Inch
/10ths Merc. in Inch

Volume 23,500 Cu. Ft.

Rock Pressure 65 lbs. 48 hrs.

Oil bbls., 1st 24 hrs.

Fresh water 159 feet

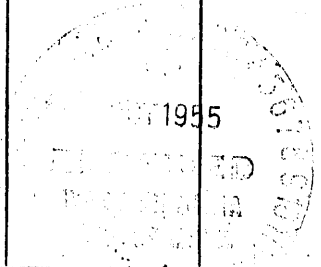
Salt water feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 1/2	192'	192'	Depth set
5 3/16	460'	460'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 75 FEET INCHES
378 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand & Gravel			0	19			
Rock			19	26			
Slate			26	32			
Lime			32	44			
Slate			44	70			
Slate	Black		70	79	Sh. Coal	@75'	
Lime			79	84			
Slate			84	89			
Lime			89	93			
Rock	Red		93	105			
Slate			105	125			
Sand			125	132			
Slate & Shale			132	159			
Lime		Gritty	159	167	Water	@159'	
Slate			167	180			
Rock	Red		180	198			
Lime			198	207			
Slate			207	243			
Slate & Shells			243	268			



Formation	Color	Hard or Soft	Top //	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime		Broken	268	312			
Lime		Hard	312	371			
Slate			371	385	Show Coal & Gas	@378'	
Lime			385	392			
Slate			392	400			
Lime			400	424			
Slate			424	438			
Lime			438	447			
Slate			447	456			
Lime		Gritty	456	467			
Slate			467	468			
Lime			468	482			
Coal-Pgh.			482	490	Gas		
Slate			490	497			
		TOTAL DEPTH		497'			

Date _____, 19____

APPROVED _____, Owner

By _____