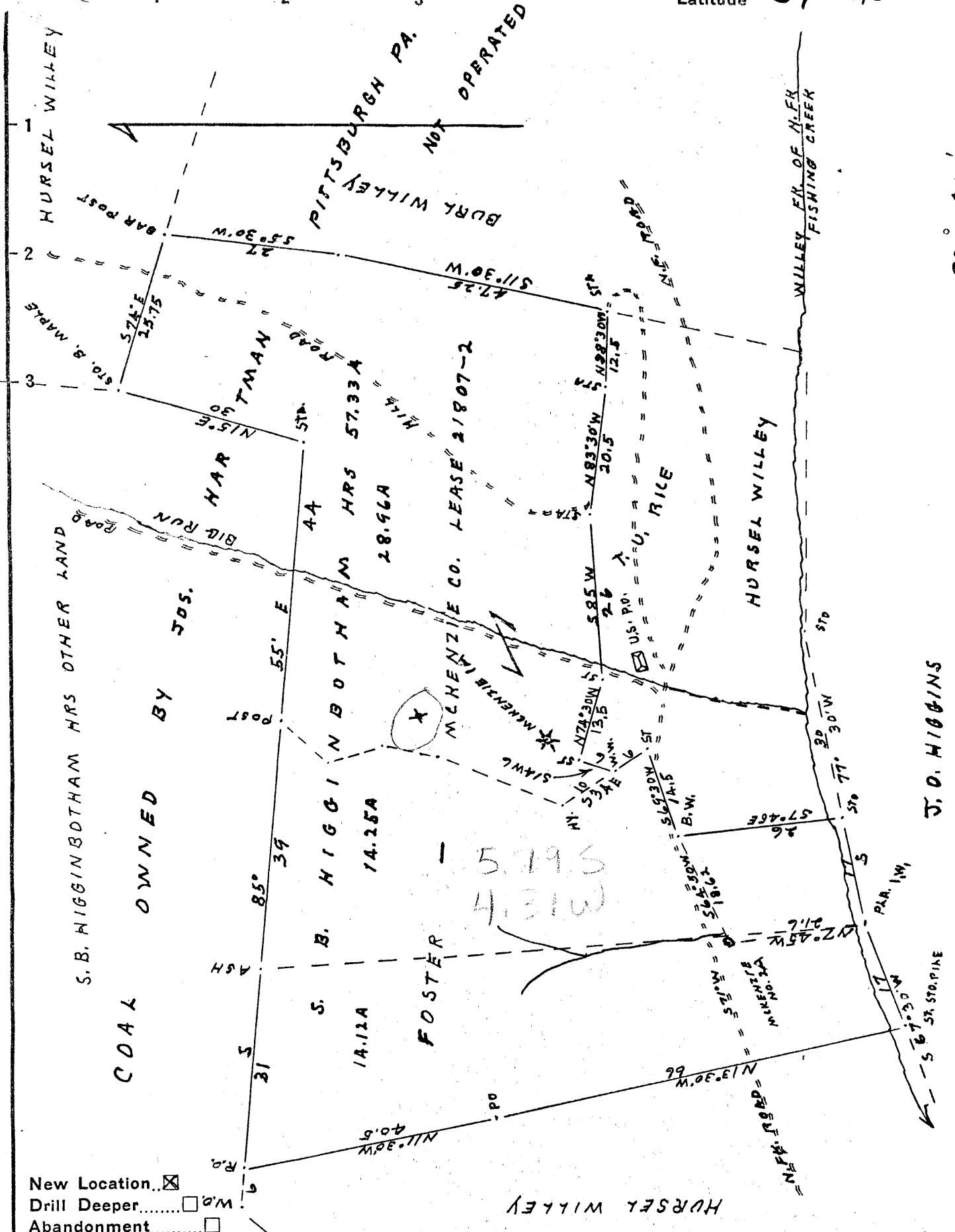


Latitude 39° 40'

Longitude 80° 30'



New Location
 Drill Deeper
 Abandonment

Company FOSTER - MCKENZIE CO.
 Address 3829 WILLOW AVE, CASTLE SHANNON PA.
 Farm S. B. HIGGINBOTHAM MRS
 Tract _____ Acres 57.33 Lease No. 21807-2
 Well (Farm) No. 21 Serial No. _____
 Elevation (Spirit Level) 812
 Quadrangle LITTLETON
 County WETZEL District GRANT
 Engineer J. M. Cochran
 Engineer's Registration No. 60,400
 File No. _____ Drawing No. _____
 Date MAY 26, 1954 Scale 2000 = 1"

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

WELL LOCATION MAP
 FILE NO. Wet-399

+ 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

Littleton

WELL RECORD

Permit No. WET-399

Oil or Gas Well Gas
(KIND)

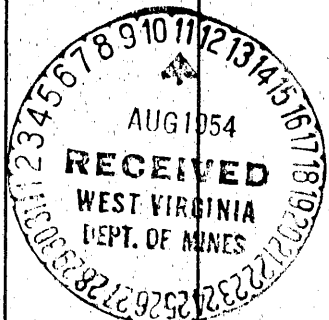
Company Foster-McKenzie Company
Address P. O. Box 10396, Pittsburgh 34, Pa.
Farm A.C. Higginbotham et al. Acres 57.33
Location (waters) Big Run
Well No. 2 A Elev. 812'
District Grant County Wetzel
The surface of tract is owned in fee by A.C. Higginbotham et al
Pine Grove Address Wetzel Co. W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced May 26, 1954
Drilling completed July 8, 1954
Date Shot _____ From _____ To _____
With _____
Open Flow 33 /10ths Water in 1" Inch
_____ /10ths Merc. in _____ Inch
Volume 42,000 Cu. Ft.
Rock Pressure 89 1/2 lbs. 45 mins. _____
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			Size of
8 1/4	70'	70'	
6 5/8	235'	Pulled	Depth set
5 3/16	475'	475'	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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
Clay			0	8			
Sand & Gravel			8	22			
Rock			22	29			
Slate			29	43			
Shale			43	54			
Sand Stone			54	60	Water	55'	Hole Full
Slate			60	68	Show Coal	63'	
Lime			68	84			
Slate			84	91			
Lime			91	97			
Slate			97	105			
Sand			105	115	Water	110'	Hole Full
Slate	Dark		115	152			
Slate	White		152	160			
Lime			160	172			
Slate & Lime Shell			172	189			
Rock	Red		189	194			
Slate			194	207			
Lime			207	217			
Slate			217	257	Show Coal	248'	Steel line run at 230'
Lime			257	276			
Slate Break			276	280			
Lime			280	304			
Rock	Red		304	309			
Slate			309	324			
Lime		Hard	324	387			
Slate			387	392			
Coal-Mapletown			392	394			
Lime			394	409			
Slate			409	419			
Lime			419	444			
Slate			444	465			
Lime			465	484			
Slate	Black		484	489			
Shell & Slate			489	491			
Coal-Pgh.			491	498	Gas	491' - 498'	Steel Line run at 507'
Slate & Lime			498	507			



812
491
3/2

(Steel
(Line run
(at 452'
(" 473'

Total Depth 507' (Over)