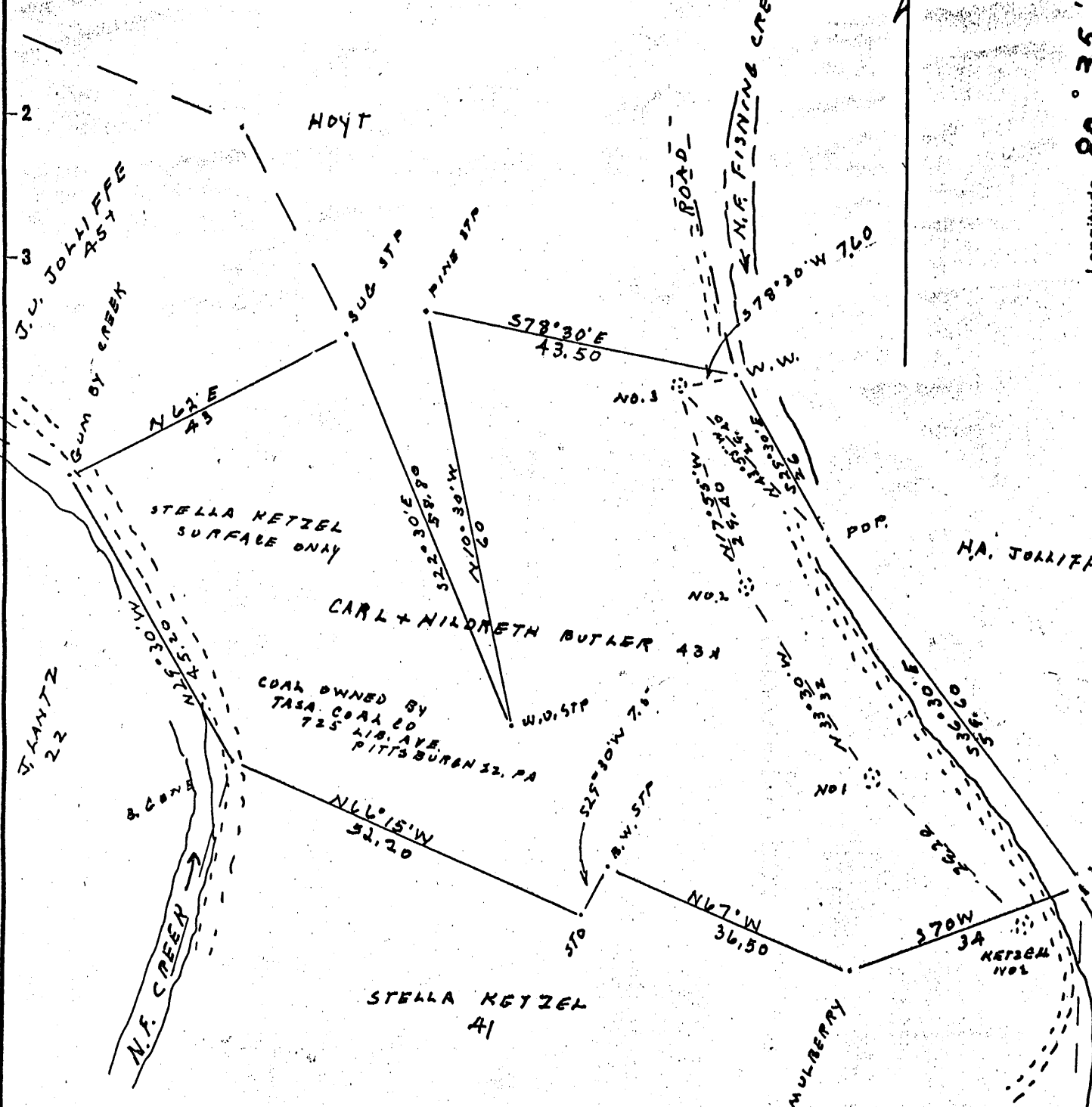


Latitude 39° 35'

Longitude 80° 35'

0.415
3.49 W



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

A.B. LOWMYER AET
 Company PINE RUN DEVELOPMENT CO
 Address MIDDLEBOURNE, W. VA.
 Farm CARL + MILDREDH BUTLER
 Tract 1 Acres 4.3 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 867
 Quadrangle LITTLETON
 County WETZEL District BRANT
 Engineer J. M. Cochran
 Engineer's Registration No. CO. SURVEYOR
 File No. _____ Drawing No. _____
 Date 6-23-56 Scale 1" = 20' 1900

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

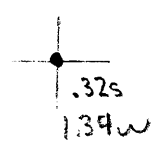
WELL LOCATION MAP
 FILE NO. Wet-438

+ 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.

6-8 41

Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Pine Run Dev. Co

Farm Card + Hillboth Butter #3

15' Quad _____
(sec.)

7.5' Quad Pine Grove

District Grant

WELL LOCATION PLAT

County 103 **Permit** 438



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Lisleton

WELL RECORD

Permit No. Wet-438

Oil or Gas Well _____ (KIND)

Company Pine Run Development Co.
Address Middlebourne, W. Va. c/o A. B. Lowther
Farm Stella Ketzal (Butler) Acres 43
Location (waters) North Fork of Fishing Creek
Well No. 3 Elev. 867
District Grant County Wetzel
The surface of tract is owned in fee by Stella Ketzal
Address Pine Grove
Mineral rights are owned by Carl & Hildreth Butler
Address Pine Grove
Drilling commenced Sept. 7, 1956
Drilling completed Sept. 17, 1956
Date Shot Not shot From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 16000 Cu. Ft.
Rock Pressure N t taken lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 60 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 1/2	12 ft		
6 1/2			Depth set
5 3/16			
3			Perf. top
2	620 ft	620	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 145 FEET 24 INCHES
204 FEET 12 INCHES 496 FEET 12 INCHES
601 FEET 48 INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil			0	12			
Sand			12	18			
Redrock			18	35			
Slate			35	50			
Sand			50	60	Water		1/2 bailer
Slate & Lime			60	145			
Coal			145	147		867	
Slate & Lime			147	228		60.1	
Redrock			228	235			
Slate & Lime			235	254			
Coal			254	255			
Slate & Shell			255	300			
Redrock			300	310			
Slate & Shell			310	400			
Redrock			400	420			
Lime			420	496			
Coal			496	497			
Slate			497	510			
Lime			510	528			
Slate			528	535			
Sand & Lime			535	553			
Slate			553	562			
Sand			562	570			
Slate			570	575			
Lime			575	578			
Slate			578	580			
Lime			580	588			
Slate			588	595			
Slate		Soft	595	601			
Coal			601	605	Gas		
Slate			605	620			
TOTAL DEPTH				620			

