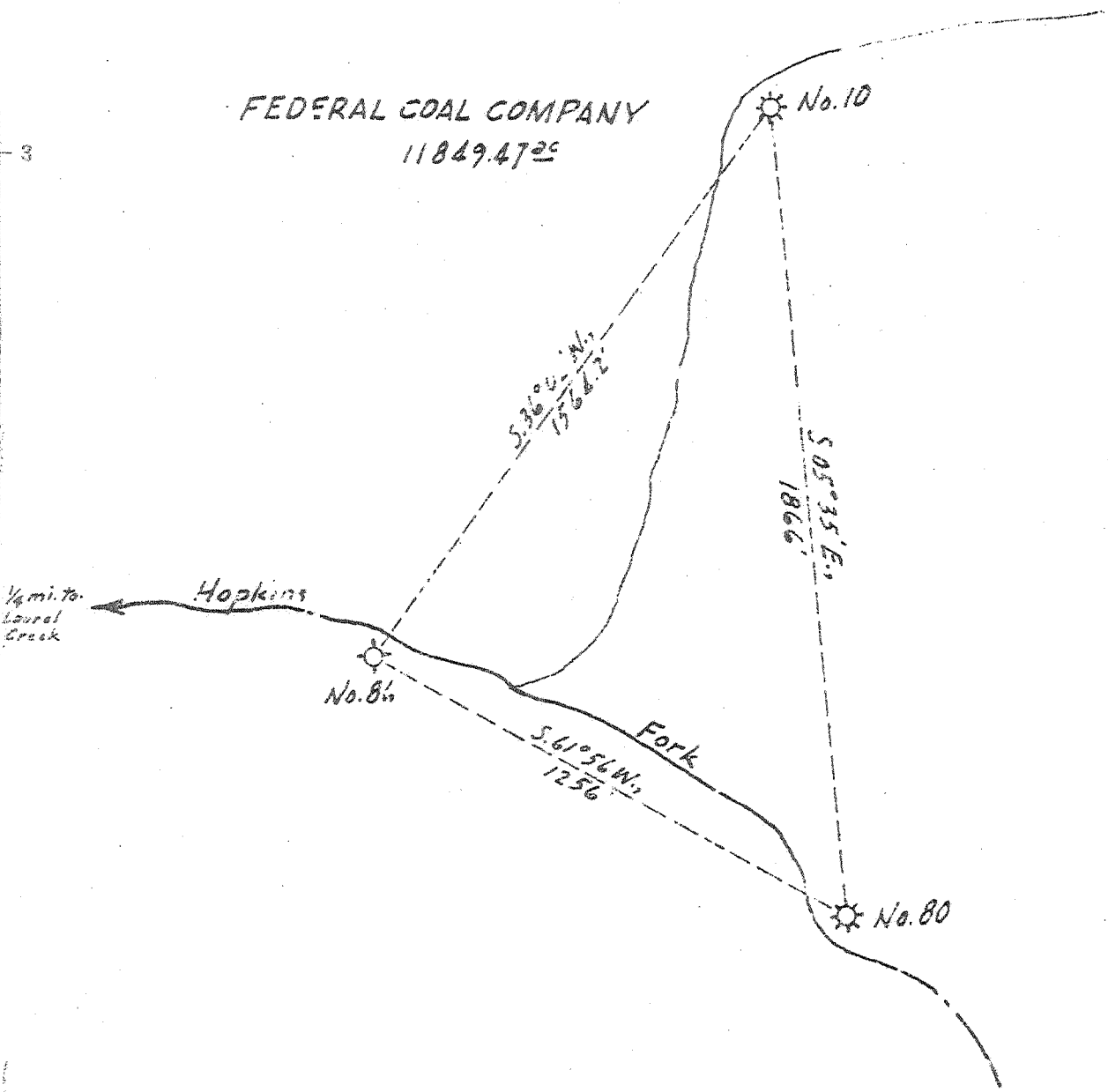


Latitude 38 05

0.25  
2.5 W

Longitude 81 35

FEDERAL COAL COMPANY  
11849.47<sup>25</sup>



New Location

Drill Deeper

Abandonment

Company	The Pure Oil Company		
Address	Newark, Ohio		
Farm	Federal Coal Company		
Tract	Acres 11,849.47	Lease No.	256
Well (Farm) No.	10	Serial No.	210
Elevation (Spirit Level)	871.66		
Quadrangle	Peytona		
County	Boone	District	Sherman
Engineer	<i>J.B. Hunter</i>		
Engineer's Registration No.	Ohio-2912		
File No.	Drawing No.		
Date	May 29, 1946	Scale	1" = 400'

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

WELL LOCATION MAP  
FILE NO. B00-120-A

+ 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.



500 ✓

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AP 120-A

WELL RECORD

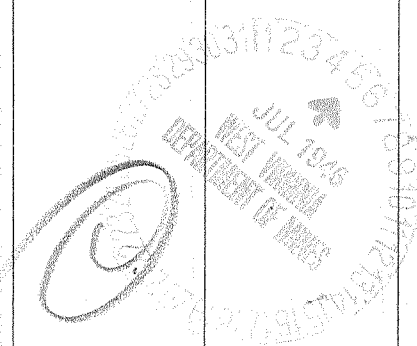
Permit No. \_\_\_\_\_ Oil or Gas Well Gas  
(KIND)

Company The Pure Oil Company  
Address Box 551 - Newark, Ohio  
Farm Federal Coal Company Acres 12,000  
Location (waters) Jims Branch  
Well No. 10 Elev. 871.68  
District Sherman County Boone  
The surface of tract is owned in fee by Federal Coal Company  
704 Union Building Address Charleston, W. Va.  
Mineral rights are owned by Federal Coal Company  
704 Union Building Address Charleston, W. Va.  
Drilling commenced April 26, 1928  
Drilling completed July 5, 1928  
Date Shot 7-7-28 From 2465 To 2488  
With 100 quarts glycerin  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume 62,160 Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
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	452'	452'	Size of
8 1/4	1591'	1591'	
6 3/8	1843'	1843'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 340 FEET 36 INCHES  
390 FEET 48 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Gravel			0	38			
Slate & Shells			38	175			
Sand	white		175	218			
Slate	blue		218	225			
Sand	white		225	260			
Slate	black		260	275			
Sand	white		275	305			
Slate	blue		305	330			
Sand	white		330	340			
Coal	black		340	343			
Sand	white		343	390			
Coal	black		390	394			
Slate	black		394	410			
Sand	white		410	440			
Slate	blue		440	452			
Lime	white		452	495			
Slate	brown		495	630			
Lime	dark		630	645			
Sand	white		645	720			
Grampus	white	hard	720	845			
Slate	black		845	945			
Salt Sand	white	hard	945	1120	Water	1015'	Hole full
Slate & Shells			1120	1146			
Salt Sand			1146	1283			
Lime	white	hard	1283	1395			
Salt Sand		hard	1395	1565	Water	1480'	Hole full
Red Rock			1565	1585			
Lime			1585	1630			
Red Rock			1630	1645			
Lime	dark	hard	1645	1653			
Slate & Shells			1653	1694			
Lime	dark	hard	1694	1738			
Slate			1738	1743			
Lime	dark	hard	1743	1765			
Pencil Cave		soft	1765	1768			
Big Lime		hard	1768	1973	Gas	1819'	Light show
Big Injun		close	1973	2033			
Slate & Shells			2033	2182			



Federal Coal Company No. 10

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Weir Sand			2182	2194	Gas	2184'	
Slate & Shells			2194	2461			
Berea Sand			2461	2489			
Slate	black		2489	2500			
TOTAL DEPTH: 2500'							

Date July 2, 1946

APPROVED The Pure Oil Company  
Box 551, Newark, Ohio, Owner

By Ford Hillis  
 Division (Title) Superintendent