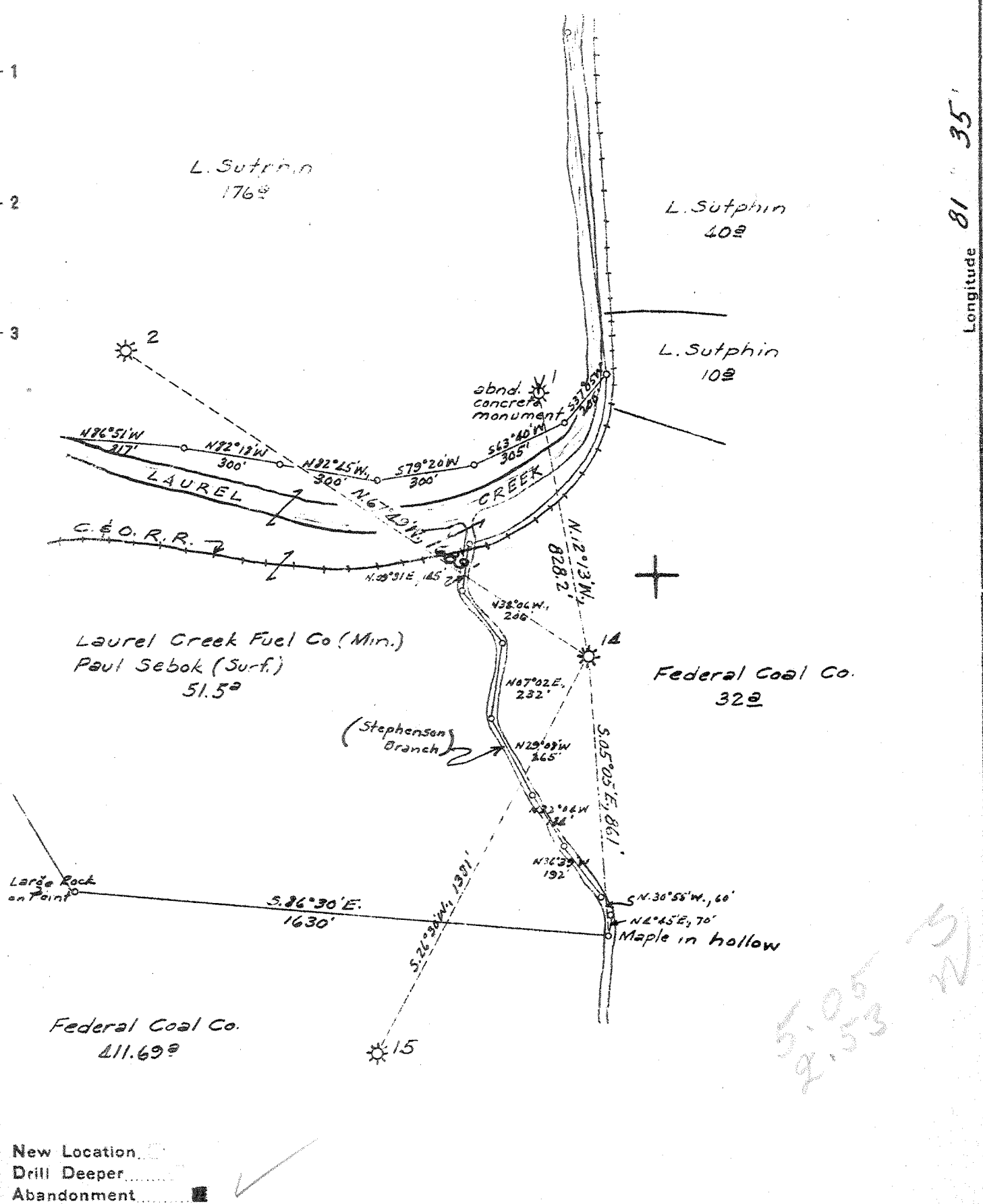


Latitude 38° 10'

Longitude 81° 35'



5.05
2.53
W

Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Federal Coal Co.
 Tract Acres 11,849.42 Lease No. 236
 Well (Farm) No. 14 Serial No. _____
 Elevation (Spirit Level) 829.8
 Quadrangle Peytona
 County Boone District Sherman
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio - 2912
 File No. _____ Drawing No. _____
 Date May 21, 1941 Scale 1" = 100'

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

WELL LOCATION MAP
 FILE NO. B0094A
14

+ 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

504

WELL RECORD

Permit No. 94-A

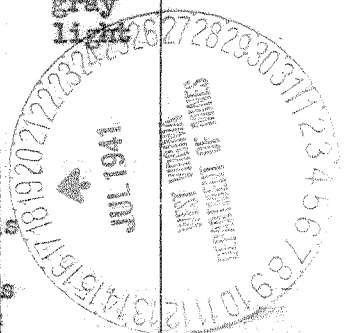
Oil or Gas Well Gas
(KIND)

Company The Pure Oil Company
 Address Box 551 - Newark, Ohio
 Farm Federal Coal Company Acres 11.849
 Location (waters) Laurel Creek
 Well No. 14 Elev. 829.8
 District Sherman County Boone
 The surface of tract is owned in fee by Federal Coal Company
 Address Charleston, WVa
 Mineral rights are owned by Federal Coal Company
 Address Charleston, WVa
 Drilling commenced 10-13-26
 Drilling completed 1-2-27
 Date shot 1-3-27 Depth of shot 2127-2148
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume 431.00 Cu. Ft.
 Rock Pressure 230 lbs. 23 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			Kind of Packer
16			
13			
10	289	289	Size of
8 1/4	1320	1320	
6 5/8	1762	1762	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 185 FEET 48 INCHES
 215 FEET 36 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	25			
Slate Shells			25	120			
Sand	gray	hard	120	145			
Slate	white		145	185			
Coal	black		185	189			
Slate	dark		189	215			
Coal	black		215	218			
Slate	white		218	225			
Sand	gray		225	292			
Slate	black		292	310			
Sand	white		310	395			
Lime Shells	dark		395	420			
Sand	white		420	435			
Slate Shells	dark		435	585			
Lime	black	hard	585	560			
Slate Shells	light		660	675			
Grampus	white	hard	675	840			
Slate Shells	dark		840	850			
Lime			850	900			
Sand	white	hard	900	920			
Slate	light		920	925			
Sand SALT	white	hard	925	1125			
Slate	black		1125	1130			
Sand SALT	white	hard	1130	1240			
Slate	black		1240	1250			
Lime	dark		1250	1260			
SALT SAND	white	hard	1260	1500			
Red Rock			1500	1525			
Lime	black		1525	1565			
Red Rock			1565	1585			
MAXON	white		1585	1660			
Lime	gray		1660	1715			
Slate	light		1715	1720			
Lime			1720	1735			
Slate			1735	1740			
Big Lime			1740	1940			
Red Rock			1940	1995			
WEIR			1995	2010			
Slate Shells			2010	2035			
WEIR			2035	2075			
Slate Shells			2075	2300			
Lime Shells			2300	2395			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	brown		2395	2408			
BEREA			2408	2448			
Slate			2448	2451			
Slate			2451	2458			
			TOTAL DEPTH 2458				

Date..... July 18,, 194. 1.

APPROVED. THE PURE OIL COMPANY, Owner

Box 551 - Newark, Ohio

By Paul Willis (Title)

Division Superintendent