

Federal Coal Co.
pt. 11,849.47⁰⁰

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New Location
 Drill Deeper
 Abandonment

0.16 S
3.06 W

Company The Pure Oil Co
 Address Newark, Ohio
 Farm Federal Coal Co.
 Tract Acres 11,849.47 Lease No. 236
 Well (Farm) No. 19 Serial No. 277
 Elevation (Spirit Level) 728.1
 Quadrangle Peytono
 County Boone District Sherman
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 11-22-48 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. B00-137-14

+ 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

Completed No Inspection ✓

(57)

WELL RECORD

Permit No. 137-A

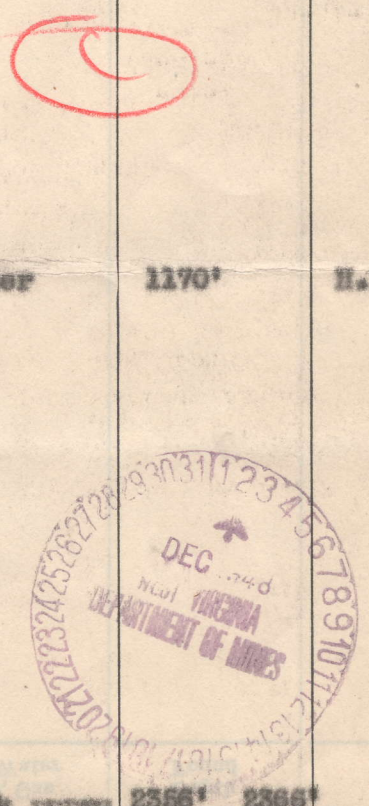
Oil or Gas Well Gas
(KIND)

Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Federal Coal Company Acres 12,000
Location (waters) Laurel Creek, Big Coal River
Well No. 19 Elev. 728.1
District Sherman County Boone
The surface of tract is owned in fee by Federal Coal Co.
704 Union Building Address Charleston, W. Va.
Mineral rights are owned by Federal Coal Co.,
704 Union Building Address Charleston, W. Va.
Drilling commenced 1-11-27
Drilling completed 5-25-27
Date Shot 5-25-27 From 2352 To 2366
With 60 qts.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume 150.720 Cu. Ft.
Rock Pressure 360 lbs. 16 1/2 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 26 feet 197 feet
Salt water 1170 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>182'4"</u>	<u>182'4"</u>	Size of
8 1/4	<u>1170'</u>	<u>1170'</u>	
6 5/8	<u>1659'</u>	<u>1659'</u>	Depth set
5 3/16			
3			Perf. top
2	<u>2375'</u>	<u>Pulled</u>	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
Gravel			0	20			
lime		hard	20	28	Water	20'	H.P.
Slate	black	firm	28	70			
lime	white	hard	70	105			
Slate	black	open	105	120			
Sand	gray	close	120	162			
Slate	black	open	162	182			
lime		hard	182	197	Water	197'	H.P.
Slate	black	open	197	218			
Sand	white	hard	218	232			
Slate & shells blk		open	232	445			
Sand		close	445	490			
Slate	black	open	490	500			
Sand	white	hard	500	594			
Slate	black	close	594	604			
Crampus	white-	hard	604	740			
Slate & lime shells			740	802			
lime	white	hard	802	840			
Slate	black	open	840	848			
Salt sand	white	hard	848	1053			
Slate	black	soft	1053	1060			
Sand	white	hard	1060	1165			
Slate			1165	1175	Water	1170'	H.P.
Sand salt		hard	1175	1445			
Red shale	red	open	1445	1470			
Sand		hard	1470	1485			
Red shale	red	open	1485	1530			
Sand		hard	1530	1550			
Shale	black	open	1550	1570			
Sand	brown	hard	1570	1620			
Little lime		close	1620	1660			
Big lime	white	hard	1660	1870			
Big injun	red	close	1870	1928			
Shale			1928	1965			
lime		hard	1965	1995			
Shale & lime shells			1995	2323			
Coffee shale			2323	2359			
Berea grit sand			2359	2366			
lime			2366	2370 1/2"		2356'	2366'



(Over)

JAN 22 1949

