

Company	Pure Oil Co.	
Address	Newark, Ohio	
Farm	L. M. LaFollette	
Tract	Acres 52	Lease No. 248
Well (Farm) No.	4	Serial No. 530
Elevation (Spirit Level)	1096.0	
Quadrangle	Peytons	
County	Boone	District Sherman
Engineer	J. B. Hunter	
Engineer's Registration No.	Ohio-2912	
File No.	Drawing No.	
Date	9/17/58	Scale 1" = 1320

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

**WELL LOCATION MAP**  
FILE NO. B00-333-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.



730

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Raytona  
Permit No. 293-A

WELL RECORD

Water Injection

Oil or Gas Well \_\_\_\_\_ (KIND)

Company The Pure Oil Company  
Address P. O. Box 551, Newark, Ohio  
Farm L. M. LaFollette Acres 52  
Location (waters) Joes Creek  
Well No. 4 Elev. 1,096  
District Sherman County Boone  
The surface of tract is owned in fee by L.M. LaFollette, Jr.,  
R.B. LaFollette, & J.A. LaFollette  
Mineral rights are owned by Same

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	555'	555'	Size of
8 1/4	1490'	1490'	
6 5/8	2110'	2110'	Depth set
5 3/16			
3		2728'	Perf. top
2			Perf. bottom
<del>1</del> Used	39' of 4" FJ Liner as anchor.		Perf. top
			Perf. bottom

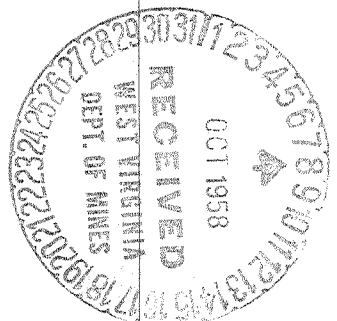
Drilling commenced January 18, 1921  
Drilling completed April 4, 1921  
Date Shot 4/11/21 From 2750' To 2765'  
With 60 Qts.  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil After Shot 123 bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_

TUBING ~~100000~~ CEMENTED 2-3/8" SIZE 35sax No. Ft. Oct. '51 Date

COAL WAS ENCOUNTERED AT 165 FEET 36 INCHES  
235 FEET 60 INCHES 360 FEET 36 INCHES  
FEET INCHES FEET INCHES

WELL FRACTURED \_\_\_\_\_  
RESULT AFTER TREATMENT \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Mud			0	14			
Lime	blue	hard	14	25			
Slate	white	hard	25	75			
Sand	white	soft	75	85			
Slate	white	soft	85	150			
Lime & shells			150	165			
Coal	black	soft	165	168			
Sand	white	soft	168	175			
Slate	white soft		175	210			
Lime & shells			210	235			
Coal	black	soft	235	240			
Slate	white	soft	240	285			
Lime	white		285	315			
Slate	white		315	345			
Lime	white		345	360			
Coal	black		360	363			
Lime & shells			363	405			
Slate	blue	soft	405	425			
Lime	gray		425	450			
Sand	white		450	550			
Slate	dark	soft	550	600			
Sand	white		600	640			
Lime	white		640	690			
Slate	dark	medium	690	700			
Sand	light	medium	700	730			
Lime	light	medium	730	750			
Slate	dark	soft	750	780			
Sand	light	hard	780	840			
Slate	dark	soft	840	960			



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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	white		960	975			
Slate	dark		975	990			
Grampus		hard	990	1100			
Slate	dark		1100	1254			
Sand	light		1254	1440			
Slate	light	soft	1440	1540			
Sand	light	hard	1540	1595			
Slate & shells		soft	1595	1735			
Maxon sand	light		1735	1815			
Red Rock			1815	1835			
Slate & shells			1835	1885			
Red Rock			1885	1900			
Slate & shells			1900	1960			
Little Lime			1960	2070			
Big Lime			2070	2285			
Injun			2285	2310			
Slate & shells			2310	2496			
Weir sand			2496	2565			
Slate & shells			2565	2721			
Berea Grit			2721	2767	Oil	2742' and 2749'	Filled up 2000' in 4 hrs & fldd 112 bbls before shot.
Slate	black		2767	2769			
TOTAL DEPTH				2769			
TOTAL DEPTH After Clean Out				2772			
Casinghead lowered 2' in April, 1926							
Casinghead lowered 1' in Oct., 1951							

Date September 18, 1958

APPROVED Original Signed by The Pure Oil Company, Owner  
 By Guy J. Andersen  
 Area (Title) Superintendent