

Company	<u>The Pure Oil Co.</u>
Address	<u>Newark, Ohio</u>
Farm	<u>Williams Coal Co.</u>
Tract	<u>Acres 12000 Lease No. 5012</u>
Well (Farm) No.	<u>93 Serial No. 403</u>
Elevation (Spirit Level)	<u>836</u>
Quadrangle	<u>Montgomery</u>
County	<u>Kanawha District Cabin Creek</u>
Engineer	<u>J. B. Hunter</u>
Engineer's Registration No.	<u>Ohio-2912</u>
File No.	<u> </u> Drawing No. <u> </u>
Date	<u>2-11-53</u> Scale <u>1" = 200'</u>

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

WELL LOCATION MAP
FILE NO. KAN-977-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.

6-6-240



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

771

WELL RECORD

Permit No. 977-A Oil or Gas Well Oil (KIND)

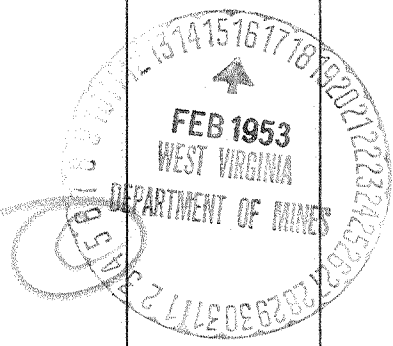
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Cabin Creek
Well No. 93 Elev. 836
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Company
802 Kan. Bankg & Trust Co. Bldg., Charleston, W. Va. Address
Mineral rights are owned by Shonk Land Company
802 Kan. Bankg & Trust Co. Bldg., Charleston, W. Va. Address
Drilling commenced April 30, 1917
Drilling completed July 16, 1917
Date Shot 7/18/17 From 2498 To 2526
With 110 Qts. Glycerin

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<u>440'</u>	<u>440'</u>	Size of
8 1/4	<u>1200'</u>	<u>Pulled</u>	
6 3/8	<u>1839</u>	<u>1839</u>	Depth set
5 3/16			
3			Perf. top
2	<u>2548'</u>	<u>2548'</u>	Perf. bottom
Liners Used <u>5 1/2"</u>		<u>366'</u>	Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 222 bbls., 1st 24 hrs.
Fresh water 650 feet
Salt water 960 feet 1700 feet

CASING CEMENTED - SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT 420 FEET 60 INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			0	60			
Slate			60	100			
Slate & shells			100	200			
Sand			200	250			
Slate			250	275			
Sand			275	310			
Slate			310	350			
Sand			350	400			
Slate			400	420			
Coal			420	425			
Slate			425	460			
Sand			460	480			
Slate			480	490			
Sand			490	510			
Slate			510	550			
Sand			550	590			
Slate			590	605			
Sand			605	645			
Slate			645	650			
Sand			650	675	water	650'	H.F.
Slate			675	685			
Grampus			685	835			
Slate			835	880			
Salt Sand			880	1185	water	960'	
Slate			1185	1195			
Sand			1195	1250			
Slate & shells			1250	1330			
Red Rock			1330	1365			
Lime			1365	1375			
Slate & shells			1375	1520			
Sand			1520	1530			
Red Rock			1530	1540			
Slate & shells			1540	1575			
Lime			1575	1590			
Slate & shells			1590	1660			
Maxon Sand			1660	1740	water	1700'	H.F.
Slate			1740	1750			
Little Lime			1750	1780			
Slate			1780	1800			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			1800	1808			
Pencil Cave			1808	1815			
Line			1815	1820			
Pencil Cave			1820	1830			
Big Line			1830	2040			
Big Injun			2040	2090			
Slate & shells			2090	2480			
Berea Grit			2480	2526	Oil	2499 -	Pay
Line			2526	2528		2510	
TOTAL DEPTH				2528			
Present Total	Depth			2549			

Date February 11, 19 53

APPROVED THE PURE OIL COMPANY, Owner

By Guy J. Andersen
Guy J. Andersen, (Title) Division Superintendent.