



New Location
 Drill Deeper
 Abandonment

Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 33 Serial No. 307
 Elevation (Spirit Level) 1437
 Quadrangle Montgomery WC
 County Harrison District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 11-22-49 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-664-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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1537

Ab 664-A

WELL RECORD

Oil or Gas Well Water Injection
(KIND)

Permit No. _____
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) Cabin Creek
Well No. 33 Elev. 1437
District Cabin Creek County Kanawha - W. Va.
The surface of tract is owned in fee by Shonk Land Co.
802 Kanawha Banking & Trust Co. Bldg. Address Charleston, W. Va.
Mineral rights are owned by Shonk Land Co.
802 Kanawha Banking & Trust Co. Bldg. Address Charleston, W. Va.
Drilling commenced 5/18/16
Drilling completed 8/26/16
Date Shot 8/28/16 From 3078 1/2' To 3106'
With 90 qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ 305 bbls., 1st 24 hrs.
Fresh water 200', 475' feet 825' feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	910'	910'	Size of
8 1/4	1837'	None'	
6 5/8	2429'	2429'	Depth set
5 3/16			
3	3067'	3067'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 135 FEET 36 INCHES
765 FEET 24 INCHES 855 FEET 48 INCHES
900 FEET 24 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	12			
Sand			12	135			
Coal			135	138			
Sand			138	210	Water	200'	1/2 bailer per hour
Slate	black		210	235			
Sand	dark		235	325			
Slate	black		325	350			
Sand	white		350	425			
Slate & shells			425	450			
Slate			450	475	Water	475'	3 bailers per hour
Sand	white		475	525			
Slate & shells			525	550			
Sand	white		550	600			
Slate & shells			600	640			
Sand			640	700			
Slate			700	725			
Sand			725	765			
Coal			765	767			
Slate & shells			767	780			
Sand			780	855	Water	825'	4 bailers per hour
Coal			855	859			
Sand			859	895			
Slate			895	900			
Coal			900	902			
Gritty Lime			902	915			
Sand			915	960			
Slate & shells			960	1040			
Sand	white		1040	1120			
Slate & shells			1120	1160			
Sand	white		1160	1290			
Sand	dark		1290	1330			
Slate & shells			1330	1350			
Grampus			1350	1410			
Slate & shells			1410	1460			
SALT SAND			1460	1815			



(Over)

FEB 23 1951

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & shells			1815	1870			
Lime	white		1870	1920			
Red Rock			1920	1950			
Slate & shells			1950	2000			
Lime			2000	2025			
Slate & shells			2025	2040			
Lime shells			2040	2080			
Slate & shells			2080	2150			
Blue Lime			2150	2190			
Slate & shells			2190	2235			
Lime shells			2235	2250			
Slate & shells			2250	2280			
Sand	dark		2280	2300			
Slate & shells			2300	2330			
Pencil cave			2330	2340			
Little Lime			2340	2385			
Slate & shells			2385	2420			
Pencil cave			2420	2425			
BIG LIME			2425	2630			
Red Rock			2630	2635			
INJUN SAND			2635	2665			
Slate & shells			2665	2710			
Lime	blue		2710	2730			
Slate & shells			2730	2840			
Slate			2840	2900			
Slate & shells			2900	2990			
Lime shells			2990	3050			
Brown shale			3050	3060			
BEREA GRIT			3060	3106			
Lime	black		3106	3106 $\frac{1}{2}$			
			TOTAL DEPTH	3106 $\frac{1}{2}$			

Date December 16, 1919

THE PURE OIL COMPANY
Box 551 - Newark, Ohio

APPROVED _____, Owner

By Hard Miller
Senior Superintendent