

WILLIAMS COAL CO. NO. 17 WELL.

Cabin Creek District, Kanawha County, W. Va.

By The Pure Oil Co., Box 551, Newark, Ohio.

Abandoned under permit Kan-.....-A?

On 12,000 acres.

Elevation, 1573' L.

Surface and minerals owned by Shenk Land Co., 802 Kanawha Banking & Trust Co. Bldg., Charleston, W. Va.

Drilling commenced Dec. 1, 1915; completed Feb. 19, 1916.

Shot Feb. 22, 1915, at 3222-3237', and Apr. 20, 1923, at 3221-3240', with 60 qts. and 100 qts.

Oil, 56 bbls., 1st 24 hrs.

Fresh water, 155', 1 bailer; 862', 2 bailers.

Salt water, 1725', 3 bailers; 1774', hole full.

10 $\frac{3}{4}$ " casing, 1040'; 8 $\frac{5}{8}$ ", 1968' (pulled); 7", 2581'; 5 $\frac{1}{2}$ ", 2566'; 3" tubing, 3221'. 5 $\frac{1}{4}$ " on Disc Wall Packer. 3" tubing set at 3221' and cemented with 32 bags cement.

Oil well. Now water injection well. Record to Dept. of Mines dated March 11, 1952.

Record to RCT from Mrs. Griffith Dec. 2, 1952. O.F.No.1741.

Coal was encountered at 153-155, 855-862, 900-903, 1003-1005, and 1036-1038'.

	Top.	Bottom.
Sand, gray	0	110
Slate, black	110	125
Lime, white	125	135
Slate, black	135	153
Coal, black	153	155
Slate, black	155	195
Sand, gray	195	245
Slate, black	245	270
Sand, white	270	315
Slate, red	315	325
Sand, white	325	375
Slate, black	375	390
Sand, black	390	410
Slate, black	410	415
Sand, black	415	465
Slate and shells, black	465	560
Sand, black	560	570
Slate, black	570	595
Sand, white	595	650
Slate, black	650	725
Slate and shells, black	725	780
Sand, white	780	820
Slate, white	820	855
Coal, black	855	862
Sand, white	862	900
Coal, black	900	903
Slate, black	903	910
Sand, white	910	985
Lime, black	985	1003
Coal, black	1003	1005
Slate and shells	1005	1036
Coal, black	1036	1038
Sand, brown	1038	1110
Slate, black	1110	1200
Sand, white	1200	1275
Slate and shells	1275	1350
Sand, white	1350	1430

(OVER)

WILLIAMS COAL CO. NO. 17 WELL (Continued).

	Top.	Bottom.
Orampus Sand, white	1430	- 1540
Lime, black	1540	- 1565
Slate, brown	1565	- 1610
Salt Sand	1610	- 1890
Slate, white	1890	- 1920
Slate, black	1920	- 1935
Sand, white	1935	- 1950
Lime	1950	- 1968
Slate, brown	1968	- 1983
Lime, white	1983	- 2000
Slate, pink	2000	- 2020
Sand, white	2020	- 2065
Slate, black	2065	- 2075
Lime, white	2075	- 2100
Slate, red	2100	- 2140
Lime, white	2140	- 2145
Slate, red	2145	- 2155
Slate and shells	2155	- 2200
Pencil slate, black	2200	- 2540
Little Lime	2540	- 2560
Pencil	2560	- 2565
Big Lime	2565	- 2775
Slate	2775	- 2783
Big Injun Sand	2783	- 2830
Slate and shells	2830	- 3206
Berea Sand	3206	- 3237
Lime	3237	- 3245
Total depth		3245



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

1741

WELL RECORD

Water Injection well

Permit No. KAN-934-A

Oil or Gas Well (KIND)

Company The Pure Oil Company  
Address Box 551, Newark, Ohio  
Farm Williams Coal Co. Acres 12,000  
Location (waters) \_\_\_\_\_  
Well No. 17 Elev. 1573'  
District Cabin Creek County Kanawha  
The surface of tract is owned in fee by Shonk Land Co.  
802 Kanawha Landing & Fruit Co. Bldg.  
Address Charleston, W. Va.  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling commenced December 1, 1915  
Drilling completed February 19, 1916  
Date Shot 4-30-23 From 3221' To 3240'  
With 60 Qts. & 100 Qts.

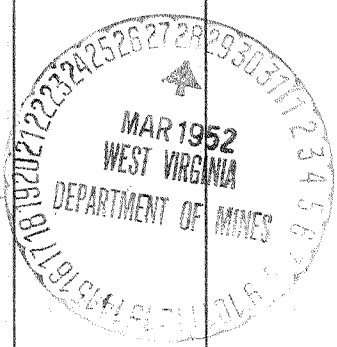
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10 - 3/4"	1040'	1040'	Size of
8 1/4 - 5/8"	1968'	Pulled	
8 1/4 - 7"	2581'	2581'	Depth set
6 3/8 - 5 1/2"		2566' -	on Disc Wall Pkr.
5 3/16		3221'	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 155' 862' feet feet  
Salt water 1725' 1774' feet feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT	FEET	INCHES
<u>153'</u>	<u>24</u>	<u>INCHES</u>
<u>855</u>	<u>84</u>	<u>INCHES</u>
<u>900'</u>	<u>36</u>	<u>INCHES</u>
<u>1003</u>	<u>24</u>	<u>INCHES</u>
<u>1036'</u>	<u>24</u>	<u>INCHES</u>

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	gray		0	110			
Slate	black		110	125			
Lime	white		125	135			
Slate	black		135	153			
Coal	black		153	155	Water	155'	1 Bailer
Slate	black		155	195			
Sand	gray		195	245			
Slate	black		245	270			
Sand	white		270	315			
Slate	red		315	325			
Sand	white		325	375			
Slate	black		375	390			
Sand	black		390	410			
Slate	black		410	415			
Sand	black		415	465			
Slate & Shells	Black		465	560			
Sand	black		560	570			
Slate	black		570	595			
Sand	white		595	650			
Slate	black		650	725			
Slate & Shells	Black		725	780			
Sand	white		780	820			
Slate	white		820	855			
Coal	black		855	862			
Sand	white		862	900	Water	862'	2 Bailers
Coal	black		900	903			
Slate	black		903	910			
Sand	white		910	985			
Lime	black		985	1003			
Coal	black		1003	1005			
Slate & Shells			1005	1036			
Coal	black		1036	1038			
Sand	brown		1038	1110			
Slate	black		1110	1200			
Sand	white		1200	1275			
Slate & Shells			1275	1350			
Sand	white		1350	1430			
Grampus	white		1430	1540			
Lime	black		1540	1565			



(Over)  
DEC 2 1952

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	brown		1565	1610			
SALT SAND			1610	1890	Water	1725'	3 bailers
					"	1774'	Hole Full
Slate	white		1890	1920			
Slate	black		1920	1935			
Sand	white		1935	1950			
Lime			1950	1968			
Slate	brown		1968	1983			
Lime	white		1983	2000			
Slate	pink		2000	2020			
Sand	white		2020	2065			
Slate	black		2065	2075			
Lime	white		2075	2100			
Slate	red		2100	2140			
Lime	white		2140	2145			
Slate	red		2145	2155			
Slate & Shells			2155	2200			
Pencil Slate	black		2200	2540			
little Lime			2540	2560			
Pencil			2560	2565			
BIG LIME			2565	2775			
Slate			2775	2783			
BIG INJUN			2783	2830			
Slate & Shells			2830	3206			
BUREA SAND			3206	3237			
Lime			3237	3245			
TOTAL DEPTH				3245			

3" tubing set at 3221' and cemented with 32 bags cement.

Date March 11, 1952

APPROVED THE PURE OIL COMPANY, Owner

By Guy J. Andersen  
Division Superintendent