

WILLIAMS COAL CO. NO. 52 WELL.

Cabin Creek District, Kanawha County, W. Va.
 By The Pure Oil Co., Box 551, Newark, Ohio.
 Abandoned under permit Ken-.....-A?
 On 12,000 acres.

Elevation, 788' L.

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

Drilling commenced July 22, 1916; completed Sept. 21, 1916.

Shot Sept. 23, 1916, at 2458-2474', with 90 qts.

Oil, 86 bbls., 1st 24 hrs.

Fresh water at 50, 140, and 200'.

Salt water, 740', hole full.

13 1/2" casing, 20'; 10 3/4", 400'; 8 5/8", 1200' (pulled); 7", 1795'; 2" tubing, 2459'.

Coal was encountered at 220-225 and 385-388'.

Oil well. Record to Dept. of Mines dated March 12, 1952.

Record to RCT from Mrs. Griffith Dec. 2, 1952. O.F.No.1744.

NOTE: In 1925 mudded between 10" and 7" casing to shut off water.

	Top.	Bottom.
Clay, gravel, sand, and shale	0	30
Black sand	30	50
Water sand	50	80
White slate	80	100
Sand	100	130
Slate	130	140
Water sand	140	170
Slate	170	220
Coal	220	225
Slate	225	260?
Sand	265?	280
Slate	280	320
Lime	320	340
Slate	340	385
Coal	385	388
Lime	388	395
Slate	395	410
Sandy lime	410	475
Black slate	475	500
White slate	500	540
Lime	540	640
Slate	640	645
Grampus Sand	645	740
Sand	740	785
Sand	785	825
Slate	825	875
Salt Sand	875	1050
Slate	1050	1055
Salt Sand	1055	1135
Slate	1135	1155
Lime	1155	1170
Slate	1170	1200
Shells	1200	1225
Slate	1225	1255
Shells	1255	1270
Slate	1270	1290
Shells	1290	1360
Red rock	1360	1363

(OVER)

WILLIAMS COAL CO. NO. 52 WELL (Continued).

	Top.	Bottom.
Shells	1363	- 1368
Red rock	1368	- 1430
Shells	1430	- 1470
Red rock	1470	- 1490
White slate	1490	- 1530
Red rock	1530	- 1570
Slate	1570	- 1590
Blue lime	1590	- 1610
Red rock	1610	- 1626
Lime shells	1626	- 1630
Slate	1630	- 1690
Little Lime	1690	- 1745
Slate	1745	- 1760
Pencil Gave	1760	- 1770
Black lime	1770	- 1795
Big Lime (gas, 1905')	1795	- 2000
Shells	2000	- 2010
Big Injun Sand	2010	- 2040
Slate and shells	2040	- 2055
Slate	2055	- 2075
Shells	2075	- 2125
Slate	2125	- 2200
Shells	2200	- 2300
Slate	2300	- 2420
Shale	2420	- 2439
Berea Grit	2439	- 2474
Lime	2474	- 2477
Total depth		2477



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1744

WELL RECORD

Permit No. KAW-935-A Oil or Gas Well Oil
(KIND)

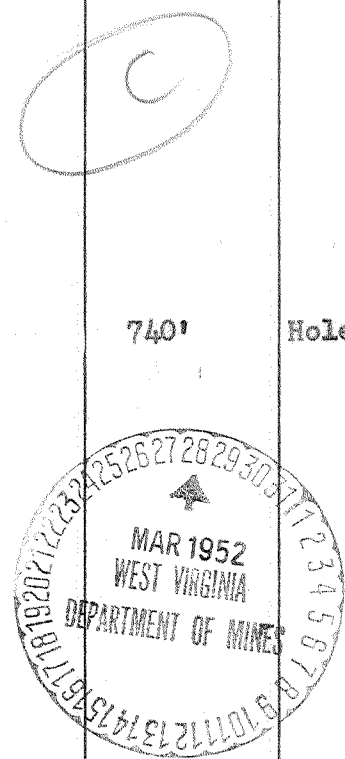
Company The Pure Oil Company
Address Box 551, Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) _____
Well No. 52 Elev. 788'
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Company
802 Kanawha Banking & Trust Co. Bldg.
Address Charleston, W. Va.
Mineral rights are owned by Same as above
Address _____
Drilling commenced July 22, 1916
Drilling completed September 21, 1916
Date Shot 9/23/16 From 2458' To 2474'
With 90 qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
18-1/2"	20'	20'	
10-3/4"	400'	400'	Size of
8 1/4-5/8"	1200'	Pulled	Depth set
6 3/4"	1795'	1795'	
5 3/16			
3			Perf. top
2		2459'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 86 bbls., 1st 24 hrs.
Fresh water 50' 140' feet 200' feet
Salt water 740 feet _____ feet

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>220</u> FEET <u>60</u> INCHES			
<u>385</u>	FEET	<u>36</u>	INCHES FEET INCHES
	FEET		INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay, gravel,	sand & shale		0	30			
Black Sand			30	50			
Water Sand			50	80	Water		
White Slate			80	100			
Sand			100	130			
Slate			130	140			
Water Sand			140	170	Water		
Slate			170	220			
Coal			220	225	Water		
Slate			225	260			
Sand			265	280			
Slate			280	320			
Lime			320	340			
Slate			340	385			
Coal			385	388			
Lime			388	395			
Slate			395	410			
Sandy Lime			410	475			
Black Slate			475	500			
White Slate			500	540			
Lime			540	640			
Slate			640	645			
Grampus			645	740	Water	740'	Hole full
Sand			740	785			
Sand			785	825			
Slate			825	875			
SALT SAND			875	1050			
Slate			1050	1055			
SALT SAND			1055	1135			
Slate			1135	1155			
Lime			1155	1170			
Slate			1170	1200			
Shells			1200	1225			
Slate			1225	1255			
Shells			1255	1270			
Slate			1270	1290			
Shells			1290	1360			
Red Rock			1360	1363			
Shells			1363	1368			



(Over) DEC 2 1952

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Red Rock			1368	1430			
Shells			1430	1470			
Red Rock			1470	1490			
White Slate			1490	1530			
Red Rock			1530	1570			
Slate			1570	1590			
Blue Lime			1590	1610			
Red Rock			1610	1626			
Lime Shells			1626	1630			
Slate			1630	1690			
Little Lime			1690	1745			
Slate			1745	1760			
Pencil Cave			1760	1770			
Black Lime			1770	1795			
BIG LIME			1795	2000	Gas	1905'	
Shells			2000	2010			
BIG INJUN			2010	2040			
Slate & Shells			2040	2055			
Slate			2055	2075			
Shells			2075	2125			
Slate			2125	2200			
Shells			2200	2300			
Slate			2300	2420			
Shale			2420	2439			
BEREA GRIT			2439	2474			
Lime			2474	2477			
TOTAL DEPTH				2477			

Note: In 1925 mudded between 10" and 7" casing to shut off water.

Date March 12, 1952, 19

APPROVED The Pure Oil Company, Owner

By Guy J. Andersen
(Title)
Division Superintendent