



1756

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Water Injection Well
Oil or Gas Well (KIND)

Permit No. KAN-938-A

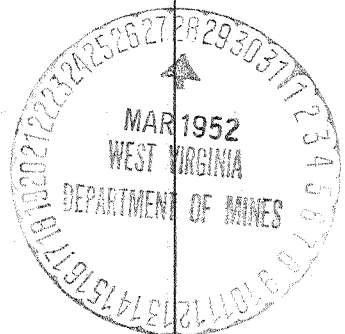
Company The Pure Oil Company
Address P. O. Box 551, Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) _____
Well No. 85 Elev. 1418
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Company
802 Kanawha Banking & Trust Co. Bldg.
Address Charleston, W. Va.
Mineral rights are owned by Same as above
Address _____
Drilling commenced March 26, 1917
Drilling completed July 12, 1917
Date Shot 7/13/17 From 3083' To 3094'
With 50 Qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10-3/4"	900'	900'	Size of
8 1/4 8-5/8"	1757'	Pulled	Depth set
6 1/2 7"	2393'	2393'	
5 3/16			Cemented with 60 Perf. top sacks cement.
3		3073'	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 56 bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water 1605' 1670' feet 2185' feet

CASING CEMENTED	SIZE	No. Ft.	Date
COAL WAS ENCOUNTERED AT <u>660</u> FEET <u>36</u> INCHES			
<u>695</u>	FEET	<u>60</u>	INCHES
<u>845</u>	FEET	<u>60</u>	INCHES
<u>890</u>	FEET	<u>36</u>	INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor			0	14			
Sand	white		14	330			
Slate	black		330	470			
Sand	white		470	510			
Slate	black		510	585			
Sand	white		585	605			
Slate	black		605	660			
Coal	black		660	663			
Lime	black		663	680			
Slate	black		680	695			
Coal	black		695	700			
Slate	black		700	780			
Sand	white		780	840			
Slate	black		840	845			
Coal	black		845	850			
Lime	black		850	890			
Coal	black		890	893			
Sand	white		893	930			
Slate	black		930	975			
Sand	white		975	980			
Slate	black		980	1030			
Sand	white		1030	1118			
Slate	black		1118	1145			
Sand	white		1145	1330			
Slate	black		1330	1335			
BIG DUNKARD	yellow		1335	1405			
Slate	black		1405	1475			
SALT SAND	white		1475	1750	Water	1605'	2 bailers per hr.
Lime	dark		1750	1900	Water	1670'	filled up 1000'
Rock	red		1900	1950			
Slate	black		1950	2010			
Rock	red		2010	2060			
Slate & Shells	black		2060	2105			
MAXON SAND	white		2105	2255	Water	2185'	filled up 1400'
Slate	black		2255	2315			
Little Lime	Black		2315	2380			
Pencil cave	black		2380	2387			
BIG LIME	white		2387	2623			
BIG INJUN	red		2623	2662			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate & Lime	black		2662	2885			
WEIR SAND	white		2885	2900			
Slate	black		2900	3040			
Shale	brown		3040	3066			
BEREA SAND	white		3066	3098	Oil & Gas	3084'	
TOTAL DEPTH				3098			
Note: Casinghead lowered 2' in 1949. All measurements should be made from a point 2' above same.							
3" tubing set at 3073' and cemented with 60 sacks cement.							

APPROVED THE PURE OIL COMPANY, Owner

By Guy J. Andersen (Title)
Division Superintendent