

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>77 Serial No. 410</u>
Elevation (Spirit Level)	<u>691</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>Drawing No.</u>
Date	<u>2-23-53 Scale 1" = 200'</u>

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

WELL LOCATION MAP
 FILE NO. KAN-991-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

1781

Snaps
991-H

WELL RECORD

Permit No. _____ 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. 77 Elev. 691
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shank Land Company
802 Kanawha Banking & Trust Co. Bldg.
Mineral rights are owned by Charleston, W.Va.
Same as above.
Address _____
Drilling commenced January 13, 1917
Drilling completed March 22, 1917
Date Shot 3/23/17 From 2356 To 2381
With 90 Qts.

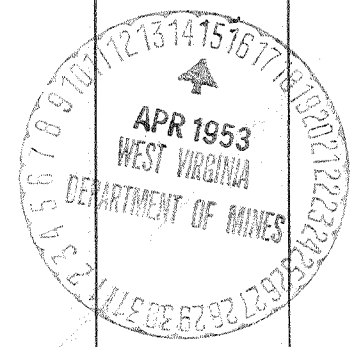
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>ONS</u>
13	<u>41'</u>	<u>41'</u>	<u>Disc wall</u>
10	<u>437'</u>	<u>437'</u>	Size of <u>7"x5 1/2"x16"</u>
8 1/4	<u>1030'</u>	<u>Pulled</u>	
6 5/8	<u>1690'</u>	<u>1690'</u>	Depth set <u>1676'</u>
5 3/16	<u>1676'</u>	<u>1676'</u>	
3			Perf. top _____
2		<u>2382'</u>	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 146 bbls., 1st 24 hrs.
Fresh water 550' feet
Salt water _____ feet

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

COAL WAS ENCOUNTERED AT 100 FEET 60 INCHES
190 FEET 60 INCHES 435 FEET 60 INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	brown		0	20			
Gravel	dark		20	35			
Slate	black		35	50			
Lime	black		50	100			
Coal	black		100	105			
Sand	white		105	135			
Slate	black		135	150			
Sand	gray		150	160			
Slate	black		160	190			
Coal	black		190	195			
Lime	black		195	225			
Slate	black		225	275			
Lime	white		275	290			
Slate	black		290	310			
Lime	white		310	330			
Sand	white		330	380			
Slate	black		380	405			
Lime	black		405	435			
Coal	black		435	440			
Lime	black		440	575			
Slate	black		575	580	Water	550'	8 bailers.
Lime, GRANITE	yellow		580	680			
Slate	black		680	745			
SALT SAND	white		745	1030			
Slate	white		1030	1050			
Lime	gray		1050	1090			
Sand	gray		1090	1130			
Slate	white		1130	1145			
Lime	black		1145	1190			
Rock	red		1190	1205			
Shells	white		1205	1250			
Red Rock	red		1250	1280			
Slate	white		1280	1320			
Lime	black		1320	1350			
Slate	white		1350	1400			
Shells,	black		1400	1450			
Slate	black		1450	1505			
MAJON SAND	gray		1505	1590			



(Over)

OCT 1 1953

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Line	black		1590	1625			
Line	white		1625	1635			
Line	black		1635	1655			
Slate	black		1655	1675			
BIG LINE	white		1675	1890			
INJUN SAND	red		1890	1925			
Shells	black		1925	2030			
Slate	white		2030	2065			
Line	black		2065	2140			
Slate	white		2140	2210			
Shells	white		2210	2280			
Line	black		2280	2315			
Shale	brown		2315	2342			
BEREA SAND	white		2342	2390			
Line	black		2390	2394			
TOTAL DEPTH				2394			

NOTE: Casinghead lowered 3' in 1948. All measurements should be made from a point 3' above same.

Date April 30, 19 52

APPROVED THE FURE OIL COMPANY, Owner

By Guy J. Andersen
G.J. Andersen, Division Superintendent