

Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 112 Serial No. 295
 Elevation (Spirit Level) 1139
 Quadrangle Montgomery WC
 County Kanawha District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 5-8-49 Scale 1"=200'

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

WELL LOCATION MAP
 FILE NO. KAN-646-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

646A

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, on Cabin Creek.

Elevation, 1139' L.

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

Drilling commenced July 30, 1917; completed Oct. 11, 1917.

Shot Dec. 2, 1917, at 2805-2813', with 40 qts. glycerine.

Oil, 15 bbls., 1st 24 hrs.

13" conductor, 16'; 10 3/4" casing, 560'; 8 3/8", 1565' (pulled); 7" O. D., 2118'; 5 1/2", 2136'; 2" tubing, 2843'; 5 1/2" liner, 426'.

Coal was encountered at 280-283, 450-457, 500-503, and 557-560'.

Cave packer, 5 3/8", set in Big Lime.

Oil well. Record to Dept. of Mines dated Sept. 28, 1949.

Record to RCF from Mrs. Griffith Sept. 9, 1950. Old File No. 1474.

	Top.	Bottom.
Clay, yellow	0	25
Slate, black	25	145
Sand, white	145	198
Slate, white	198	280
Coal	280	283
Lime, black	283	360
Sand, white	360	400
Slate, black	400	450
Coal	450	457
Sand, white	457	500
Coal, black	500	503
Sand, white	503	557
Coal	557	560
Slate, white	560	600
Sand, gray	600	660
Slate, white	660	720
Lime, black	720	815
Slate, black	815	885
Sand, white	885	990
Crampus lime, yellow	990	1160
Slate, black	1160	1180
Salt Sand	1180	1550
Slate, black	1550	1590
Lime, white	1590	1620
Slate, black	1620	1725
Red rock	1725	1795
Lime, white	1795	1830
Red rock	1830	1890
Lime, black	1890	1982
Slate, white	1982	2030
Little Lime, black	2030	2045
Slate, black	2045	2075
Shells, white	2075	2108
Pencil Cave, black	2108	2114
Big Lime	2114	2340
Big Injun Sand, red	2340	2378
Slate, white	2378	2410
Slate and shells, white	2410	2760

(OVER)

WILLIAMS COAL CO. NO. 112 WELL (Continued).

	Top.	Bottom.
Shale, brown	2760	2785
Berea Sand, white (pay-sand, first gas, 2805'; first oil, 2806-2813')		
Slate, black	2813	2815
Total depth		2815

Top.	Bottom.	
0	0	Shale, yellow
15	15	Slate, black
15	15	Sand, white
180	180	Slate, white
200	200	Coal
200	200	Lime, black
200	200	Sand, white
200	200	Slate, black
200	200	Coal
200	200	Sand, white
200	200	Coal, black
200	200	Sand, white
200	200	Coal
200	200	Slate, white
200	200	Sand, grey
200	200	Slate, white
200	200	Lime, black
200	200	Slate, black
200	200	Sand, white
200	200	Grays lime, yellow
1160	1160	Slate, black
1180	1180	Sand
1250	1250	Slate, black
1250	1250	Lime, white
1250	1250	Slate, black
1250	1250	Red rock
1250	1250	Lime, white
1250	1250	Red rock
1250	1250	Lime, black
1250	1250	Slate, white
1250	1250	Little lime, black
1250	1250	Slate, black
1250	1250	Sand, white
1250	1250	Local lime, black
1250	1250	Big lime
1250	1250	Big lime band, red
1250	1250	Slate, white
1250	1250	Slate and shale, white

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1474

WELL RECORD

Permit No. KAN-6416-A

Oil or Gas Well Oil
(KIND)

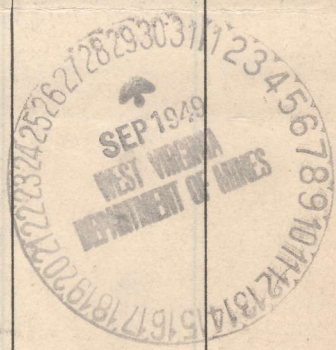
Company The Pure Oil Company
Address Box 551 Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Cabin Creek
Well No. 112 Elev. 1139'
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shank Land Co.
802 Kanawha Address Charleston, W. Va.
Mineral rights are owned by Shank Land Co.
802 Kanawha Banking and Trust Co., 1112 Ches. V. Va.
Drilling commenced July 30, 1917
Drilling completed Oct. 11, 1917
Date Shot 12/2/17 From 2805 To 2813
With 40 cts. gly.
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil 15 bbls. 1.7. bbls., 1st 24 hrs.
Fresh water feet feet
Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	Connector 16'	16'	Cave Packer
10	10-3/4" 5/8"	5/8"	Size of 5-3/16"
8 1/2	8-5/8" 1565'	Pulled	
6 1/2	7" CD 2118'	2118'	Depth set 2813'
5 3/16	5 3/16" 2136'	2136'	Big Line
3			Perf. top
2" tbg.	2813'	2813'	Perf. bottom
Liners Used 5 1/2"	426'	426'	Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT 280 FEET 36 INCHES
490 FEET 04 INCHES 500 FEET 36 INCHES
557 FEET 36 INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	yellow		0	25			
Slate	black		25	115			
Sand	white		115	198			
Slate	white		198	280			
Coal			280	283			
Line	black		283	360			
Sand	white		360	400			
Slate	black		400	450			
Coal			450	457			
Sand	white		457	500			
Coal	black		500	503			
Sand	white		503	557			
Coal			557	560			
Slate	white		560	600			
Sand	gray		600	660			
Slate	white		660	720			
Line	black		720	815			
Slate	black		815	885			
Sand	white		885	990			
Crampus line	yellow		990	1160			
Slate	black		1160	1180			
Salt sand			1180	1550			
Slate	black		1550	1590			
Line	white		1590	1620			
Slate	black		1620	1725			
Red Rock			1725	1795			
Line	white		1795	1830			
Red Rock			1830	1890			
Line	black		1890	1982			
Slate	white		1982	2030			
Little Line	black		2030	2045			
Slate	black		2045	2075			
Shells	white		2075	2108			
Pencil Cave	black		2108	2114			
BIG LINE			2114	2310			
INJUN SAND	red		2310	2378			
Slate	white		2378	2410			
Slate & shells	white		2410	2760			



(Over)

SEP - 9 1950

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale	Brown		2760	2765			
BERRA SAND	white		2765	2813			
Slate	black		2813	2813			
		<u>Pay Sand</u>		2835	TOTAL DEPTH		
	First Gas			2805			
	First Oil		2805	2813			

DEPARTMENT OF MINES

Date September 28, 1919

APPROVED THE PURE OIL COMPANY, P.O. Box 551,
Newark, Ohio, Owner

By Harold Mills
(Title)
Senior Superintendent