



Company	<u>The Pure Oil Co.</u>
Address	<u>Newark, Ohio</u>
Farm	<u>Williams Coal Co.</u>
Tract	Acres <u>12000</u> Lease No. <u>5012</u>
Well (Farm) No.	<u>42</u> Serial No. <u>310</u>
Elevation (Spirit Level)	<u>1519</u>
Quadrangle	<u>Montgomery</u>
County	<u>Kanawha</u> District <u>Cabin Creek</u>
Engineer	<u>J. B. [Signature]</u>
Engineer's Registration No.	<u>Ohio - 2912</u>
File No.	Drawing No.
Date	<u>11-22-49</u> Scale <u>1" = 200'</u>

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

WELL LOCATION MAP
FILE NO. KAN-668-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.

WILLIAMS COAL CO. NO. 42 WELL.

668A

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, 1519' L.

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

Drilling commenced June 20, 1916; completed Sept. 26, 1916.

Shot Sept. 28, 1916, at 3195-3208', with 60 qts.

Oil, 50 bbls., 1st 24 hrs.

Salt water, 1685 and 1905'.

10" casing, 1010'+ 8 1/2", 1870' (pulled); 6 3/8", 2537'; 3" tubing, 3182'.

Casing cemented: 6 3/8", 2537', 1943; cemented with 56 sacks, est. top of cement, 1400'.

Coal was encountered at 35-40, 140-143, 490-495, 767-770, 850-852, 940-943, and 957-960'.

Oil well. Now water injection well. Record to Dept. of Mines dated Dec. 19, 1949.

Record to RCT from Mrs. Griffith June 24, 1951. Old File No. 1549.

	Top.	Bottom.
Surface	0	8
Sand	8	35
Coal	35	40
Slate	40	55
Sand	55	70
Slate	70	110
Sand	110	140
Coal	140	143
Slate	143	165
Sand	165	200
Slate	200	255
Sand	255	335
Slate	335	345
Sand	345	375
Slate	375	430
Sand	430	450
Slate	450	490
Coal	490	495
Slate	495	555
Sand	555	590
Slate	590	605
Sand	605	615
Slate	615	670
Sand	670	710
Slate	710	767
Coal	767	770
Slate	770	785
Sand	785	850
Coal	850	852
Slate	852	865
Line	865	885
Sand	885	940
Coal	940	943
Line	943	957
Coal	957	960
Slate	960	990
Sand	990	1025

(OVER)

WILLIAMS COAL CO. NO. 42 WELL (Continued).

	Top.	Bottom.
Slate	1025	- 1125
Lime	1125	- 1150
Sand	1150	- 1205
Slate	1205	- 1285
Sand	1285	- 1315
Slate	1315	- 1330
Sand	1330	- 1405
Lime	1405	- 1495
Slate	1495	- 1550
Salt Sand (hole full water, 1685')	1550	- 1875
Slate	1875	- 1877
Lime	1877	- 1895
Sand (water, 1995')	1895	- 1922
Slate	1922	- 1928
Lime	1928	- 1940
Slate	1940	- 1945
Lime	1945	- 1965
Slate	1965	- 1985
Lime	1985	- 2015
Red rock	2015	- 2078
Slate and shells	2078	- 2330
Sand	2330	- 2345
Slate	2345	- 2432
Pencil Cave	2432	- 2437
Lime	2437	- 2450
Broken lime	2450	- 2490
Little Lime	2490	- 2526
Pencil Cave	2526	- 2531
Big Lime	2531	- 2745
Big Injun Sand	2745	- 2780
Slate and shells	2780	- 3000
(Not reported)	3000	- 3169
Brown shale	3169	- 3179
Berea Sand	3179	- 3208
Total depth		3215



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1549

WELL RECORD

Water
Oil or Gas Well Injection
(KIND)

Permit No. 668-A

Company The Pure Oil Company
Address Box 551, Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) Cabin Creek
Well No. 42 Elev. 1519
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Co.
802 Kanawha Banking & Trust Co. Bldg. Charleston
Address W. Va.
Mineral rights are owned by Shonk Land Co.
802 Kanawha Banking & Trust Co. Bldg., Charleston
Address W. Va.
Drilling commenced 6/20/16
Drilling completed 9/26/16
Date Shot 9/28/16 From 3195' To 3208'
With 60 Qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	1010'	1010'	Size of
8 1/4	1870'	Pulled	
6 5/8	2537'	2537'	Depth set
5 3/16			
3	3182'	3182'	Perf. top
2			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 50 bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water 1665' feet 1905' feet

CASING CEMENTED 6 5/8" SIZE 2537' No. Ft. 1943 Date
Cemented w/ 56 sacks, est top of cement 1400'

COAL WAS ENCOUNTERED AT 35 FEET 60 INCHES
140 FEET 36 INCHES 490 FEET 60 INCHES
767 FEET 36 INCHES 850 FEET 24 INCHES
940 FEET 36 INCHES 957 FEET 36 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	8			
Sand			8	35			
Coal			35	40			
Slate			40	55			
Sand			55	70			
Slate			70	110			
Sand			110	140			
Coal			140	143			
Slate			143	165			
Sand			165	200			
Slate			200	255			
Sand			255	335			
Slate			335	345			
Sand			345	375			
Slate			375	380			
Sand			430	450			
Slate			450	490			
Coal			490	495			
Slate			495	555			
Sand			555	590			
Slate			590	605			
Sand			605	615			
Slate			615	670			
Sand			670	710			
Slate			710	767			
Coal			767	770			
Slate			770	785			
Sand			785	850			
Coal			850	852			
Slate			852	865			
Lime			865	885			
Sand			885	940			
Coal			940	953			
Lime			943	957			
Coal			957	960			
Slate			960	990			
Sand			990	1025			
Slate			1025	1125			
Lime			1125	1150			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1150	1205			
Slate			1205	1285			
Sand			1285	1315			
Slate			1315	1330			
Sand			1330	1405			
Lime			1405	1495			
Slate			1495	1550			
<u>SALT SAND</u>			1550	1875	Water	1685	Hole full
Slate			1875	1877			
Lime			1877	1895			
Sand			1895	1922	Water	1905	
Slate			1922	1928			
Lime			1928	1940			
Slate			1940	1945			
Lime			1945	1965			
Slate			1965	1985			
Lime			1985	2015			
Red Rock			2015	2078			
Slate & Shells			2078	2330			
Sand			2330	2345			
Slate			2345	2432			
Pencil Cave			2432	2437			
Lime			2437	2450			
Broken Lime			2450	2490			
Little Lime			2490	2526			
Pencil Cave			2526	2531			
<u>BIG LIME</u>			2531	2745			
<u>INJUN SAND</u>			2745	2780			
Slate & Shells			2780	3000			
(Not Reported)			3000	3169			
Brown Shale			3169	3179			
<u>BERRA SAND</u>			3179	3208			
<u>TOTAL DEPTH</u>				3215			

Date December 19, 1949
 The Pure Oil Company
 Box 551, Newark, Ohio
 APPROVED _____, Owner
 By Hard Hillis
 Senior Superintendent (Title)