

New Location
 Drill Deeper
 Abandonment

Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 48 Serial No. 250
 Elevation (Spirit Level) 1257
 Quadrangle Montgomery
 County Kenowa District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 6-21-48 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-555-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.

6-0 240

- 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, 1257' L.
- Surface and minerals owned by Shonk Land Co., Attn., D. C. Shonk, Dawes, W. Va.
- Drilling commenced Oct. 31, 1916; completed March 13, 1917.
- Shot March 23, 1917, at 2911-2921', with 40 qts.
- Oil, 20 bbls., 1st 24 hrs.
- Fresh water at 460'.
- 10" casing, 765'; 8 1/2" , 1650' (pulled); 6 5/8" , 2274'; 2" tubing, 2953'.
- Larkin anchor packer, 2 x 6 5/8 x 16, set at 2899'.
- Coal was encountered at 60-63, 455-461, and 695-700'.
- Oil well. Record to Dept. of Mines dated Nov. 3, 1948.
- Record to RCT from Mrs. Griffith September 14, 1949. Old File No. 1402.

	Top.	Bottom.
Shale	0	40
Sand	40	60
Coal	60	63
Slate	63	123
Sand	123	153
Slate	153	243
Sand	243	265
Slate	265	305
Sand	305	450
Lime	450	455
Coal (water, 460')	455	461
Slate	461	481
Sand	481	500
Slate	500	600
Sand	600	670
Slate	670	695
Coal	695	700
Slate	700	710
Sand	710	765
Slate and shells	765	785
Slate	785	850
Lime	850	900
Slate	900	940
Sand	940	965
Slate and shells	965	1065
Lime	1065	1085
Sand	1085	1100
Lime	1100	1120
Sand	1120	1260
Slate	1260	1305
Salt Sand	1305	1650
Lime	1650	1670
Slate	1670	1680
Lime	1680	1780
Slate	1780	1825
Sand	1825	1845
Red rock	1845	1910
Slate	1910	1950

(OVER)

WILLIAMS COAL CO. NO. 48 WELL (Continued).

A222

	Top.	Bottom.
Line	1950	2000
Slate	2000	2165
Little Lime	2165	2200
Slate	2200	2220
Line	2220	2230
Slate	2230	2255
Big Lime	2255	2470
Slate	2470	2480
Big Injun Sand	2480	2515
Slate and shells	2515	2655
Slate	2655	2805
Slate and shells	2805	2887
Shale	2887	2897
Berea Sand	2897	2925
Line	2925	2928
Total depth		2928

0 - 40	Slate
40 - 60	Slate
60 - 63	Coal
63 - 123	Slate
123 - 127	Sand
127 - 157	Slate
157 - 165	Sand
165 - 168	Slate
168 - 170	Sand
170 - 172	Lime
172 - 173	Coal (water, 40')
173 - 174	Slate
174 - 181	Sand
181 - 190	Slate
190 - 190	Sand
190 - 192	Slate
192 - 193	Sand
193 - 195	Slate and shells
195 - 197	Slate
197 - 198	Lime
198 - 199	Slate
199 - 200	Sand
200 - 202	Slate and shells
202 - 1065	Lime
1065 - 1085	Sand
1085 - 1100	Lime
1100 - 1150	Sand
1150 - 1260	Sand
1260 - 1305	Slate
1305 - 1350	Salt Sand
1350 - 1470	Lime
1470 - 1680	Slate
1680 - 1780	Lime
1780 - 1825	Slate
1825 - 1845	Sand
1845 - 1910	Red rock
1910 - 1920	Slate

(over)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1402

WELL RECORD

Permit No. AB 555-A

Oil or Gas Well _____ (KIND)

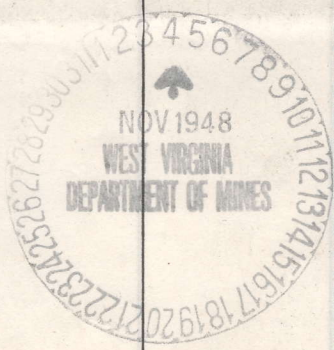
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Cabin Creek
Well No. 48 Elev. 1257
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Company
% D.C. Shonk Address Dawes, W.Va.
Mineral rights are owned by Shonk Land Company
% D.C. Shonk Address Dawes, W.Va.
Drilling commenced 10-31-16
Drilling completed 3-13-17
Date Shot 3-23-17 From 2911 To 2921
With 40 qts.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Larkin Anchor</u>
13			
10	<u>6 7/8" 765'</u>	<u>765'</u>	Size of <u>2" x 6-5/8"</u>
8 1/4	<u>1650' 4 1/2"</u>	<u>1650' Pulled</u>	<u>x 16"</u>
6 5/8	<u>1592'</u>	<u>2274'</u>	Depth set <u>2899'</u>
5 3/16			
3			Perf. top _____
2	<u>all 2953'</u>	<u>2953'</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 _____ 20 _____ bbls., 1st 24 hrs.
Fresh water _____ 460 _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 60 FEET 36 INCHES
455 FEET 72 INCHES 695 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shale			0	40			
Sand			40	60			
Coal			60	63			
Slate			63	123			
Sand			123	153			
Slate			153	243			
Sand			243	265			
Slate			265	305			
Sand			305	450			
Lime			450	455			
Coal			455	461	Water	460'	
Slate			461	481			
Sand			481	500			
Slate			500	600			
Sand			600	670			
Slate			670	695			
Coal			695	700			
Slate			700	710			
Sand			710	765			
Slate & Shells			765	785			
Slate			785	850			
Lime			850	900			
Slate			900	940			
Sand			940	965			
Slate & Shells			965	1065			
Lime			1065	1085			
Sand			1085	1100			
Lime			1100	1120			
Sand			1120	1260			
Slate			1260	1305			
SALT SAND			1305	1650			
Lime			1650	1670			
Slate			1670	1680			
Lime			1680	1780			
Slate			1780	1825			
Sand			1825	1845			
Rock (Red)			1845	1910			
Slate			1910	1950			



SEP 14 1949

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1950	2000			
Slate			2000	2165			
Little Lime			2165	2200			
Slate			2200	2220			
Lime			2220	2230			
Slate			2230	2255			
BIG LIME			2255	2470			
Slate			2470	2480			
INJUN SAND			2480	2515			
Slate & Shells			2515	2655			
Slate			2655	2805			
Slate & Shells			2805	2887			
Shale			2887	2897			
BEREA SAND			2897	2925			
Lime			2925	2928			
TOTAL DEPTH	2928'						

DEPARTMENT OF MINES
STATE OF WEST VIRGINIA

Date November 3, 19 48

APPROVED The Pure Oil Co., Owner
By Ford Kelly Senior Superintendent