



New Location
 Drill Deeper
 Abandonment

Company The Pure Oil Company
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 41 Serial No. 267
 Elevation (Spirit Level) 1368
 Quadrangle Montgomery
 County Kanawha District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio 2912
 File No. _____ Drawing No. _____
 Date 9-14-48 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-578-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.

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, 1368' L.
 Surface and minerals owned by Shonk Land Co., Att., D. C. Shonk,
 Dawes, W. Va.
 Drilling commenced Oct. 19, 1916; completed Jan. 13, 1917.
 Oil, 115 bbls.
 10 $\frac{3}{4}$ " casing, 805'; 8 $\frac{1}{4}$ ", 1785' (pulled); 6 $\frac{5}{8}$ ", 2346'.
 No packer.
 Coal was encountered at 745-750 and 790-795'.
 Oil well. Record to Dept. of Mines dated Dec. 15, 1948.
 Record to RCT from Mrs. Griffith September 14, 1949. Old File No. 1401.

	Top.	Bottom.
Clay	0	10
Slate	10	50
Sand	50	130
Lime	130	145
Sand	145	320
Slate	320	370
Lime	370	430
Slate	430	450
Sand	450	500
Slate	500	560
Lime	560	700
Sand	700	745
Coal	745	750
Sand	750	760
Slate	760	770
Sand	770	790
Coal	790	795
Sand	795	880
Slate	880	890
Sand	890	915
Slate	915	975
Sand	975	1060
Slate	1060	1080
Sand	1080	1120
Sand	1120	1150
Lime	1150	1175
Sand	1175	1280
Sand, Grampus	1280	1365
Slate	1365	1420
Salt Sand	1420	1725
Lime	1725	1800
Shells	1800	1860
Red rock	1860	1890
Slate	1890	1925
Red rock	1925	1990
Slate	1990	2040
Lime	2040	2080
Red rock	2080	2105
Shells	2105	2130
Red rock	2130	2190
Slate	2190	2225

(OVER)

WILLIAMS COAL CO. NO. 41 WELL (Continued).

2182

	Top.	Bottom.
Slate cave	2225	- 2230
Little Lime	2230	- 2320
Slate cave	2320	- 2336
Big Lime	2336	- 2560
Big Injun Sand	2560	- 2600
Slate and shells	2600	- 2987
Berea Sand (2,000,000 cu. ft. gas in Berea) (1st pay gas, 3002'; 2nd pay gas, 3004') (3rd pay, oil, 3014') (sand soft, 3002-3032')	2987	- 3032
Lime	3032	- 3033
Total depth		3033

Top.	Bottom.	
0	- 10	Clay
10	- 20	Slate
20	- 130	Sand
130	- 145	Lime
145	- 320	Sand
320	- 370	Slate
370	- 430	Lime
430	- 450	Slate
450	- 500	Sand
500	- 560	Slate
560	- 700	Lime
700	- 745	Sand
745	- 750	Coal
750	- 760	Sand
760	- 770	Slate
770	- 790	Sand
790	- 795	Coal
795	- 880	Sand
880	- 890	Slate
890	- 915	Sand
915	- 975	Slate
975	- 1060	Sand
1060	- 1080	Slate
1080	- 1120	Sand
1120	- 1150	Sand
1150	- 1175	Lime
1175	- 1280	Sand
1280	- 1365	Sand, Grampus
1365	- 1450	Slate
1450	- 1725	Silt Sand
1725	- 1800	Lime
1800	- 1860	Shells
1860	- 1890	Red rock
1890	- 1925	Slate
1925	- 1990	Red rock
1990	- 2040	Slate
2040	- 2080	Lime
2080	- 2105	Red rock
2105	- 2130	Shells
2130	- 2190	Red rock
2190	- 2225	Slate

(OVER)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1401

Ab 578-A

WELL RECORD

Oil or Gas Well Oil
(KIND)

Permit No. _____
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Cabin Creek
Well No. 41 Elev. 1368'
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Co.,
Att: D.C. Shonk Address Dawes, W.Va.
Mineral rights are owned by Shonk Land Co.,
Att: D.C. Shonk Address Dawes, W.Va.
Drilling commenced 10-19-16
Drilling completed 1-13-17
Date Shot 1-25-17 From 3007 To 3017
With 20 Qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ 115 _____ 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			
10-3/4"	805'	805'	Size of None
8 1/4"	1785'	Pulled	
6 5/8"	2346'	2346'	Depth set
5 3/16"			None
3"			Perf. top
2"	Pulled	3007'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 745 FEET 60 INCHES
_____ FEET _____ INCHES 790 FEET 60 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	10			
Slate			10	50			
Sand			50	130			
Lime			130	145			
Sand			145	320			
Slate			320	370			
Lime			370	430			
Slate			430	450			
Sand			450	500			
Slate			500	560			
Lime			560	700			
Sand			700	745			
Coal			745	750			
Sand			750	760			
Slate			760	770			
Sand			770	790			
Coal			790	795			
Sand			795	880			
Slate			880	890			
Sand			890	915			
Slate			915	975			
Sand			975	1060			
Slate			1060	1080			
Sand			1080	1120			
Sand			1120	1150			
Lime			1150	1175			
Sand			1175	1280			
Sand "Grampus"			1280	1365			
Slate			1365	1420			
SALT SAND			1420	1725			
Lime			1725	1800			
Shells			1800	1860			
Red Rock			1860	1890			
Slate			1890	1925			
Red Rock			1925	1990			
Slate			1990	2040			
Lime			2040	2080			
Red Rock			2080	2105			

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shells			2105	2130			
Red Rock			2130	2190			
Slate			2190	2225			
Slate Cave			2225	2230			
Little Lime			2230	2320			
Slate Cave			2320	2336			
BIG LIME			2336	2560			
BIG INJUN			2560	2600			
Slate & Shells			2600	2987			
BEREA SAND			2987	3032			
Lime			3032	3033			
				3033	TOTAL DEPTH		
2,000,000 Cu.Ft. gas in Berea							
1st Pay 3002' Gas							
2nd Pay 3004' Gas							
3rd Pay 3014' Oil							
Sand Soft 3002-3032							

MEET RECORD

DEPARTMENT OF MINES
STATE OF WEST VIRGINIA

Date December 15, 1948

APPROVED The Pure Oil Company, Owner

By Ford Hillis
Senior Superintendent