



Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 23 Serial No. 341
 Elevation (Spirit Level) 1404
 Quadrangle Montgomery
 County Kanawha District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 5-1-51 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-840-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.

6-6 280



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1742

WELL RECORD

Permit No. KAN-840-A

Oil or Gas Well Water Injection
(KIND)

Company The Pure Oil Company
 Address P.O. Box 551, Newark, Ohio
 Farm Williams Coal Company Acres 12,000
 Location (waters) _____
 Well No. 23 Elev. 1404'
 District Cabin Creek County Kanawha
 The surface of tract is owned in fee by Shonk Land Company
802 Kanawha Banking & Trust Bldg.
 Address Charleston, West Virginia
 Mineral rights are owned by Same as above
 Address _____
 Drilling commenced March 13, 1916
 Drilling completed June 13, 1916
 Date Shot 6/25/16 From 3073 To 3087
70 Qts. Glycerine 3073 3089 2nd shot
 With 140 Qts - 2nd shot
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil 70 bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Larkin</u>
13 <u>1 1/2"</u>	<u>32'</u>	<u>32'</u>	<u>Spec. Gas Anchor</u>
10 <u>-3/4"</u>	<u>890'</u>	<u>890'</u>	Size of <u>7"x2"x16"</u>
8 1/4	<u>1825'</u>	<u>None</u>	
6 5/8	<u>2420'</u>	<u>2420'</u>	Depth set <u>3056'</u> <u>Packer sealed with</u> <u>124 sacks of clay.</u>
5 3/16			
3			Perf. top _____
2		<u>3052'</u>	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 640 FEET 36 INCHES
790 FEET 24 INCHES 850 FEET 36 INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Note: Casinghead was lowered 2' in 1941. All measurements should be made from a point 2' above casinghead.							
Clay			0	16			
Sand			16	25			
Slate			25	75			
Sand			75	175			
Slate			175	350			
Sand			350	510			
Slate			510	640			
Coal			640	643			
Slate			643	700			
Sand			700	790			
Coal			790	792			
Slate			792	850			
Coal			850	853			
Slate			853	860			
Sand			860	930			
Slate			930	1040			
Sand			1040	1140			
Slate			1140	1300			
Dunkard sand			1300	1395			
Slate			1395	1430			
SALT SAND			1430	1740			
Line			1740	1940			
Red Rock			1940	1970			
Slate & Shells			1970	2060			
Slate & Line			2060	2395			
Pencil cave			2395	2400			
BIG LIME			2400	2620			
BIG INJUN			2620	2670			
Slate & Shells			2670	3050			
Brown Shale			3050	3056			
BUREA SAND			3056	3087			
Line			3087	3091			
TOTAL DEPTH				3091			



