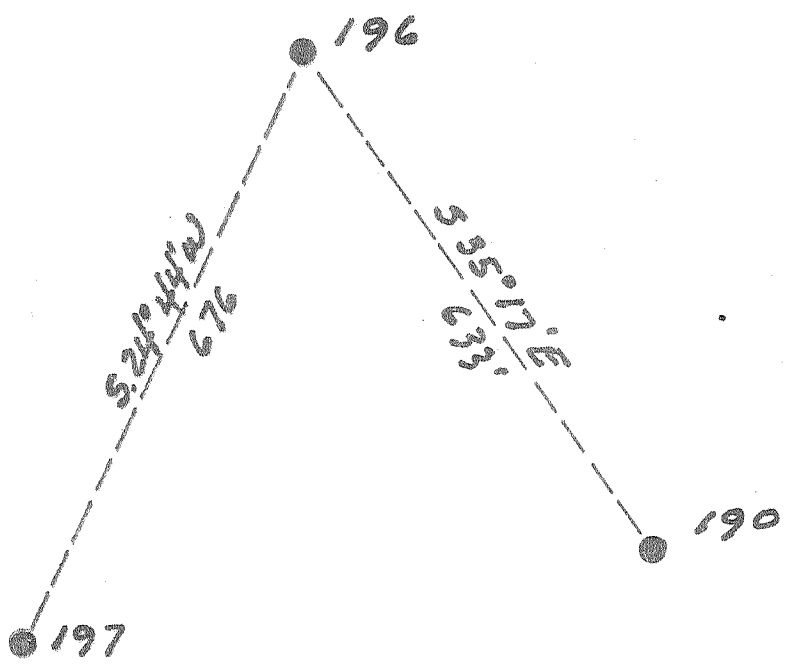


Latitude 38° 10'

Longitude 81° 30'



Williams Coal Co.
12000 ac

New Location
 Drill Deeper
 Abandonment

OCT 19 1955

0.85 W
400

Company Pure Oil Co.
 Address Newark Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 196 Serial No. 427
 Elevation (Spirit Level) 1530
 Quadrangle Peptona
 County Kanawha District Cabin Creek
 Engineer J. J. [Signature]
 Engineer's Registration No. Ohio - 2912
 File No. _____ Drawing No. _____
 Date 10-22-53 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-1211-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., TR. 196(A27) - PURE OIL CO. - KAN-1211-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

2077

Quadrangle Raylona
Permit No. 211A

WELL RECORD

Oil or Gas Well Oil
(KIND)

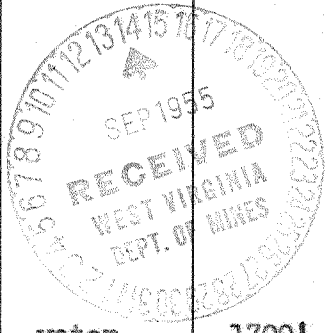
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Long-Bottom Creek
Well No. 196 Elev. 1590
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Co.
802 Kan. Bkg & Trust Co. Bldg. Charleston, W. Va.
Mineral rights are owned by Ditto
Address _____
Drilling commenced 11-8-20
Drilling completed 3-2-21
Date Shot 3-4-21 From 3147' To 3164'
8-10-22 From 3144' To 3164'
With 1st 80 qts. 2nd 150 qts.
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 56 bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water 1700 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>Disc</u>
13			<u>Cave Packer</u>
10	<u>990</u>	<u>990</u>	Size of <u>5-3/16" x</u>
8 1/4	<u>1830</u>	<u>1490</u>	<u>6-5/8"</u>
6 1/2	<u>2498</u>	<u>2498</u>	Depth set <u>2712'</u>
5 3/16			
3			Perf. top _____
2	<u>3156</u>	<u>3156</u>	Perf. bottom _____
Liners Used			Perf. top _____
<u>5-3/16"</u>		<u>354'</u>	Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 35 FEET 60 INCHES
95 FEET 60 INCHES 736 FEET 18 INCHES
192 FEET 36 INCHES 766 FEET 18 INCHES
800 FEET 36 INCHES 954 FEET 18 INCHES
825 FEET 36 INCHES 982 FEET 36 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
lay			0	12			
and			12	35			
coal			35	40			
and			40	95			
coal			95	100			
lime			100	192			
coal			192	195			
late and Shells			195	580			
late			580	600			
and			600	625			
late			625	635			
and			635	685			
late			685	736			
coal			736	740			
late			740	766			
coal			766	770			
late			770	800			
coal			800	803			
and			803	825			
coal			825	828			
and			828	954			
coal			954	958			
late			958	982			
coal			982	985			
and			985	1085			
late			1085	1145			
and			1145	1155			
late			1155	1185			
and			1185	1215			
late			1215	1275			
and			1275	1365			
late			1365	1400			
and			1400	1505			
late			1505	1590			
alt Sand			1590	1825	water	1700'	
late & Shells			1825	1930			
and			1930	1990			
ed Rock			1990	2020			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			2020	2050			
Red Rock			2050	2105			
Maxom Sand			2105	2255			
Slate			2255	2265			
Sand			2265	2295			
Slate			2295	2310			
Sand			2310	2320			
Slate			2320	2385			
Black Lime			2385	2425			
Slate			2425	2443			
Little Lime			2443	2492			
<u>BIG LIME</u>			2492	2695			
<u>LINJON</u>			2695	2735			
Slate & Shells			2735	2820			
Slate			2820	2930			
Weir Sand			2930	2980			
Lime			2980	3000			
Slate			3000	3100			
Lime			3100	3110			
Brown Shale			3110	3127			
<u>BEREA SAND</u>			3127	3166			
<u>TOTAL DEPTH</u>				3167			

Date August 31, 1955

APPROVED The Pure Oil Company, Owner

By Guy J. Andersen
(Title)
Division Superintendent