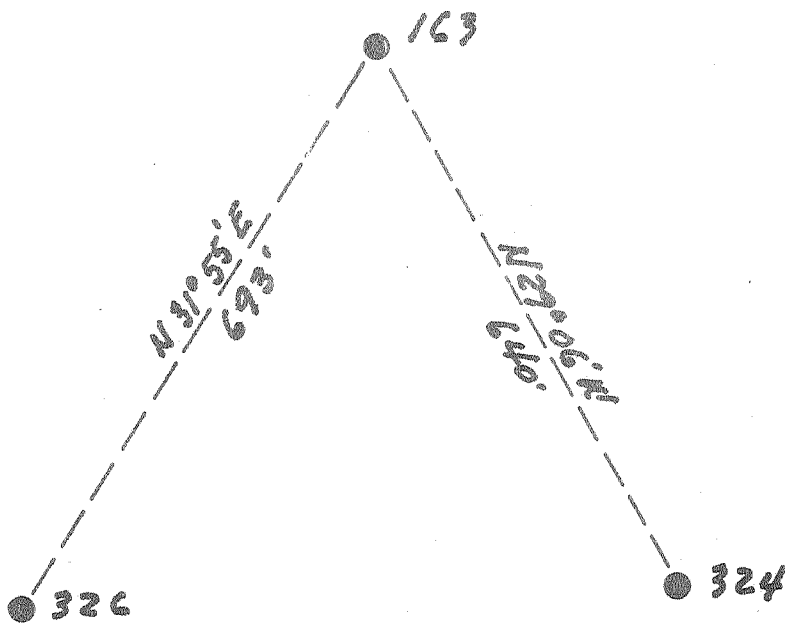


1 2 3

Latitude 8° 10'

Longitude 81° 30'



Williams Coal Co.

2000 ac

0.04 W
4.0 E

New Location...
 Drill Deeper...
 Abandonment...

OCT 3 1955

Company Pure Oil Co.
 Address Newark Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 2000 Lease No. 5012
 Well (Farm) No. 163 Serial No. 424
 Elevation (Spirit Level) 1413.6
 Quadrangle Peytona
 County Kenosha 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-1209-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.

6-6 240

WILLIAMS COAL CO, TB. 163 - PURE OIL CO, - KAN-1209-A



7010

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. Kan. 1209-A

Oil or Gas Well Oil
(KIND)

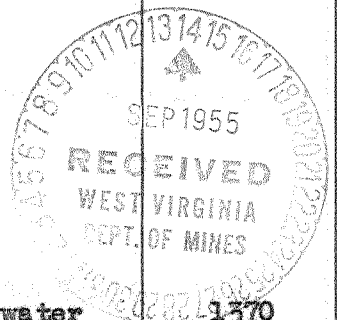
Company The Pure Oil Company
 Address Box 551 - Newark, Ohio
 Farm Williams Coal Company Acres 12,000
 Location (waters) Cabin Creek
 Well No. 163 Elev. 1413.6
 District Cabin Creek County Kanawha
 The surface of tract is owned in fee by Shonk Land Company
102 Kan. Bnkg & Trust Co. Bldg., Charleston, W. Va.
 Mineral rights are owned by Ditto
 Address _____
 Drilling commenced June 13, 1918
 Drilling completed Sept. 9, 1918
 Date Shot 9-26-18 From 3088 To 3098
 With 40 qts Glycerine
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil 25 bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water 1370 feet 1530 feet
1620 2170

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer <u>5 1/2" X</u>
13			<u>6-5/8" Cave Pkr.</u>
10	<u>893</u>	<u>893</u>	Size of _____
8 1/4	<u>1742</u>	<u>Pulled</u>	
6 5/8	<u>2430</u>	<u>2430</u>	Depth set <u>25' from Btm.</u>
5 3/16			
3			Perf. top _____
2		<u>3108</u>	Perf. bottom _____
Liners Used <u>5 1/2"</u>		<u>477</u>	Perf. top _____
			Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 175 FEET 36 INCHES
300 FEET 48 INCHES 715 FEET 60 INCHES
856 FEET 60 INCHES 885 FEET 48 INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Conductor			0	9			
Slate	black		9	25			
Sand	white		25	100			
Slate	black		100	115			
Sand	white		115	175			
Coal	black		175	178			
Slate	black		178	235			
Sand	white		235	280			
Slate	black		280	300			
Coal	black		300	304			
Slate	black		304	345			
Lime	black		345	485			
Sand	white		485	530			
Slate	black		530	540			
Sand	white		540	612			
Slate	black		612	715			
Coal			715	720			
Slate	black		720	765			
Sand	white		765	847			
Slate	black		847	856			
Coal	black		856	861			
Lime	gray		861	885			
Coal	black		885	889			
Sand	white		889	925			
Lime	black		925	1078			
Sand	white		1078	1125			
Lime	black		1125	1200			
Slate&Lime	black		1200	1339			
BIG DUNKARD			1339	1410	water	1370	2 blrs per hr.
Slate&Lime	black		1410	1475			
SALT SAND			1475	1725	water		1 blr. per hr.
					water	1530	Hole filled up
Slate&Lime	black		1725	1907		1620	1000'
Red Rock	red		1907	1947			
Sand	white		1947	1986			
Red Rock	red		1986	2029			
Lime	black		2029	2059			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
MAXON SAND			2059	2254	water	2170	Hole filled up 1300'
Slate&Lime	black		2254	2319			
Little Lime	gray		2319	2390			
BIG LIME	White		2390	2634	gas	2565	show
BIG INJUN	Red		2634	2671			
Slate&Lime	black		2671	2875			
WEIR SAND			2875	2923			
Slate&Lime	black		2923	3062			
Shale	brown		3062	3070			
BIRBA SAND			3070	3099	gas & oil	3090	
TOTAL DEPTH				3100			
DEPTH AFTER C.O.				3112			

Note: Casinghead lowered 1'6" in 1925. All measurements should be made from a point 1'6" above same.

Date October 20, 1953

APPROVED The Pure Oil Company, Owner

By Guy J. Andersen, Division Superintendent
(Title)