

Company The Pure Oil Co.
 Address Newark, Ohio
 Farm Williams Coal Co.
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 30 Serial No. 305
 Elevation (Spirit Level) 1594
 Quadrangle Montgomery
 County Kanawha District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date 11-22-49 Scale 1" = 200'

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

WELL LOCATION MAP
 FILE NO. KAN-662-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. NO. 30 WELL.

662A

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, 1594' L.
 Surface and minerals owned by Shonk Land Co., 802 Kanawha Banking & Trust
 Bldg., Charleston, W. Va.
 Drilling commenced April 1, 1916; completed July 6, 1916.
 Shot July 5, 1916, at 3260-3275', with 80 qts.
 Oil, 40 bbls., 1st 24 hrs.
 Fresh water, 115, 540, and 975'.
 Salt water at 1800'.
 10" casing, 1075'; 8 $\frac{1}{4}$ ", 1970'; 6 $\frac{5}{8}$ ", 2637'; 2" tubing, 3277'; all left in.
 Coal was encountered at 300-302, 550-553, and 1030-1033'.
 Oil well. Record to Dept. of Mines dated Jan. 11, 1950.
 Record to RCT from Mrs. Griffith Sept. 9, 1950. Old File No. 1468.

	Top.	Bottom.
Clay, yellow	0	14
Sand, yellow	14	100
Slate, black	100	110
Sand, white (water, 115', 2 bailers)	110	200
Slate, black	200	230
Sand, white	230	300
Coal, black	300	302
Sand, white (water, 540', 6 bailers)	302	550
Coal, black	550	553
Slate, black	553	600
Sand, white	600	800
Lime, black	800	900
Sand, white	900	925
Lime, black	925	960
Sand, white (water, 975', 8 bailers)	960	1030
Coal, black	1030	1033
Slate, black	1033	1043
Lime, gray	1043	1055
Slate, black	1055	1090
Sand, white	1090	1150
Slate, black	1150	1220
Lime, gray	1220	1250
Sand, white	1250	1300
Slate, black	1300	1370
Lime, gray	1370	1400
Sand, white	1400	1460
Lime, black	1460	1500
Grampus Sand, white	1500	1575
Shells, black	1575	1635
Salt Sand, white (water, 1800', hole full)	1635	1970
Slate, black	1970	1975
Sand, white	1975	2015
Shells, white	2015	2100
Red rock	2100	2165
Slate, gray	2165	2200
Red rock	2200	2240
Slate, gray	2240	2280
Red rock	2280	2300
Slate, gray	2300	2350

(OVER)

WILLIAMS COAL CO. NO. 30 WELL (Continued).

	Top.	Bottom.
Red rock	2350	2400
Shells, gray	2400	2500
Lime, black	2500	2550
Pencil Cave, black	2550	2555
Lime, black	2555	2595
Pencil Cave, black	2595	2600
Lime, black	2600	2620
Lime, white (gas show, 2780')	2620	2835
Big Injun Sand, red	2835	2870
Slate and shells, black	2870	3100
Shale, black	3100	3175
Lime, black	3175	3221
Shale, brown	3221	3242
Berea Sand, gray	3242	3275
Lime, black	3275	3277
Total depth		3277

0	Clay, yellow
100	Sand, yellow
110	Slate, black
200	Sand, white (water, 115', 2 ballers)
230	Slate, black
230	Sand, white
300	Coal, black
350	Sand, white (water, 240', 6 ballers)
350	Coal, black
500	Slate, black
600	Sand, white
600	Lime, black
900	Sand, white
925	Lime, black
1030	Sand, white (water, 275', 8 ballers)
1030	Coal, black
1030	Slate, black
1030	Lime, gray
1030	Slate, black
1030	Sand, white
1150	Slate, black
1150	Lime, gray
1250	Sand, white
1300	Slate, black
1370	Lime, gray
1400	Sand, white
1400	Lime, black
1500	Grouped Sand, white
1575	Shells, black
1635	Salt Sand, white (water, 1800', hole)
1635	(fill)
1635	Slate, black
1635	Sand, white
2100	Shells, white
2100	Red rock
2165	Slate, gray
2200	Red rock
2240	Slate, gray
2280	Red rock
2300	Slate, gray



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1468

WELL RECORD

Permit No. KAN-662-A Oil or Gas Well 011
(KIND)

Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) Cabin Creek
Well No. 30 Elev. 1594
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Co.
802 Kan. Banking & Trust Co. Bldg. Charleston, W. Va.
Mineral rights are owned by Shonk Land Co.
802 Kan. Banking & Trust Co. Bldg. Charleston, W. Va.
Drilling commenced 4/1/16
Drilling completed 7/6/16
Date Shot 7/5/16 From 3260 To 3275
With 80 qts.

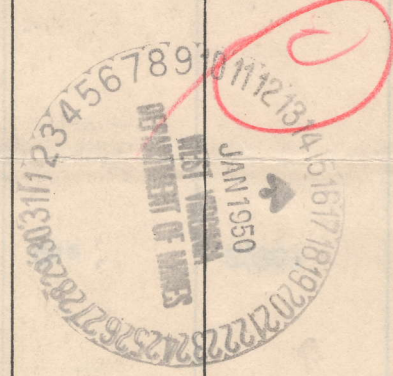
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	1075'	1075'	Size of
8 3/4	1970'	1970'	
6 5/8	2637'	2637'	Depth set
5 3/16			
3			Perf. top
2	3277'	3277'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 10 bbls., 1st 24 hrs.
Fresh water 115' feet 540', 975' feet
Salt water 1800' feet _____ feet

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

COAL WAS ENCOUNTERED AT 300 FEET 24 INCHES
550 FEET 36 INCHES 1030 FEET 36 INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay	yellow		0	14			
Sand	yellow		14	100			
Slate	black		100	110	water	115'	2 bailers
Sand	white		110	200			
Slate	black		200	230			
Sand	white		230	300			
Coal	black		300	302			
Sand	white		302	550	water	540'	6 bailers
Coal	black		550	553			
Slate	black		553	600			
Sand	white		600	800			
Lime	black		800	900			
Sand	white		900	925			
Lime	black		925	960			
Sand	white		960	1030	water	975'	8 bailers
Coal	black		1030	1033			
Slate	black		1033	1043			
Lime	gray		1043	1055			
Slate	black		1055	1090			
Sand	white		1090	1150			
Slate	black		1150	1220			
Lime	gray		1220	1250			
Sand	white		1250	1300			
Slate	black		1300	1370			
Lime	gray		1370	1400			
Sand	white		1400	1460			
Lime	black		1460	1500			
Grampus	white		1500	1575			
Shells	black		1575	1635			
SALT SAND	white		1635	1970	water	1800'	Hole full
Slate	black		1970	1975			
Sand	white		1975	2015			
Shells	white		2015	2100			
Rock	red		2100	2165			
Slate	gray		2165	2200			
Rock	red		2200	2210			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	gray		2240	2280			
Rock	red		2280	2300			
Slate	gray		2300	2350			
Rock	red		2350	2400			
Shells	gray		2400	2500			
Lime	black		2500	2550			
Pencil Cave	black		2550	2555			
Lime	black		2555	2595			
Pencil Cave	black		2595	2600			
Lime	black		2600	2620			
Lime	white		2620	2835	Gas	2780'	Show
INJUN SAND	red		2835	2870			
Slate & shls	black		2870	3100			
Shale	black		3100	3175			
Lime	black		3175	3221			
Shale	brown		3221	3242			
BEREA SAND	gray		3242	3275			
Lime	black		3275	3277			
			TOTAL DEPTH	3277			

Date January 11, 1950

THE PURE OIL COMPANY
P.O. BOX 551, NEWARK, OHIO

APPROVED _____

Owner

By Ford Willy
Senior Superintendent