

245A

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.

Elevation, 1270.5' L.

Surface and minerals owned by Shonk Land Co., 802 Kanawha Banking & Trust Co. Bldg., Charleston, W. Va.

Drilling commenced Sept. 29, 1916; completed Dec. 4, 1916.

Shot Dec. 6, 1916, at 2930-2948', with 70 qts.

Oil, 40 bbls., 1st 24 hrs.

Fresh water at 1225', 2 bailers per hour.

Salt water, 1410', hole full.

Casing-head was lowered 1" in 1943. All measurements should be made from a point 1' above casing-head.

10 $\frac{3}{4}$ " casing, 775'; 8 $\frac{5}{8}$ " , 1690' (pulled); 7" , 2289'; 2" tubing, 2920'; all left in.

Spec. gas anchor packer, 2 x 3 x 7 x 16" x 4', set at 2924'.

2" and 3" anchors. Cemented with 30 sacks cement and mudded with 120 sacks clay. 2" tubing with 7 x 2 x 3 x 16" x 4' Spec. gas anchor packer run, top of packer at 2920', with 2" and 3" tubing anchors. Cemented on top of packer with 30 sacks of cement, top of cement 2752', mudded annular space with 120 sacks of clay.

Coal was encountered at 360-363, 450-452, 675-677, and 968-970'.

No water injection well. Record to Dept. of Mines dated March 11, 1952.

Record to RCT from Mrs. Griffith Dec. 10, 1952. O.F.No. 1751.

	Top.	Bottom.
Clay	0	4
Sand	4	45
Slate	45	60
Sand	60	135
Slate	135	145
Sand	145	275
Slate and shells	275	360
Coal	360	363
Sand	363	400
Lime	400	450
Coal	450	452
Slate	452	475
Sand	475	550
Lime	550	575
Slate	575	595
Sand	595	650
Lime	650	675
Coal	675	677
Sand	677	700
Slate	700	715
Sand	715	815
Slate	815	857
Sand (gas show, 860')	857	952
Slate	952	968
Coal	968	970
Sand	970	980
Lime	980	1035
Sand	1035	1135
Slate	1135	1137
Sand	1137	1200
Slate	1200	1202

(OVER)

WILLIAMS COAL CO. NO. 47 WELL (Continued).

	Top.	Bottom.
Crampus Sand	1202	- 1272
Line	1272	- 1280
Slate	1280	- 1300
Line	1300	- 1320
Salt Sand	1320	- 1670
Line	1670	- 1678
Slate	1678	- 1685
Line	1685	- 1695
Slate	1695	- 1720
Line	1720	- 1745
Slate	1745	- 1755
Line	1755	- 1855
Red rock	1855	- 1905
Line	1905	- 1925
Slate and shells	1925	- 2010
Red rock	2010	- 2030
Slate and shells	2030	- 2100
Red rock	2100	- 2110
Slate and shells	2110	- 2200
Little Lime	2200	- 2270
Pencil Cave	2270	- 2279
Big Lime	2279	- 2490
Big Injun Sand	2490	- 2525
Slate and shells	2525	- 2893
Brown shale	2893	- 2917
Merica Sand	2917	- 2948
Brown line	2948	- 2951
Total depth		2951



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1751

Permit No. KAN-945-A

WELL RECORD

Water Injection
Oil or Gas Well Well
(KIND)

Company The Pure Oil Company
Address Box 551, Newark, Ohio
Farm Williams Coal Co. Acres 12,000
Location (waters) _____
Well No. 47 Ele. 1270.5'
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Company
802 Kanawha Banking & Trust Co. Building
Address Charleston, W. Va.
Mineral rights are owned by Same as above
Address _____

Drilling commenced September 29, 1916
Drilling completed December 4, 1916
Date Shd. 2/6/16 From 2930' To 2948'
With 70 Qts.

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume _____ Cu. Ft.

Rock Pressure _____ lbs. _____ hrs.

Oil 40 bbls., 1st 24 hrs.

Fresh water 1225' feet _____ feet

Salt water 1410' feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packings
16			Spee.
13			Gas Anchor
10 1/4"	775'	775'	Size of 1 1/2" x 3 1/2" x 7 1/2"
8 5/8"	1690'	Pulled	16" x 4"
6 7/8"	2289'	2289'	Depth set 2924'
5 3/16			2 1/2" x 3" anchors
3			Cemented with 30
2		2920'	sacks cement &
Liners Used			Perf. bottom
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom
			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT 360 FEET 36 INCHES

450 FEET 24 INCHES 575 FEET 24 INCHES

968 FEET 24 INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	4			
Sand			4	45			
Slate			45	60			
Sand			60	135			
Slate			135	145			
Sand			145	275			
Slate & Shells			275	360			
Coal			360	363			
Sand			363	400			
Lime			400	450			
Coal			450	452			
Slate			452	475			
Sand			475	550			
Lime			550	575			
Slate			575	595			
Sand			595	650			
Lime			650	675			
Coal			675	677			
Sand			677	700			
Slate			700	715			
Sand			715	760			
Lime			760	815			
Slate			815	857			
Sand			857	952	Gas	860'	Show
Slate			952	968			
Coal			968	970			
Sand			970	980			
Lime			980	1035			
Sand			1035	1135			
Slate			1135	1137			
Sand			1137	1200			
Slate			1200	1202			
Grampus			1202	1272	Water	1225'	2 Bailers per Hr.
Lime			1272	1280			
Slate			1280	1300			
Lime			1300	1320			
SALT SAND			1320	1670	Water	1410'	Hole full
Lime			1670	1678			
Slate			1678	1685			



(Over)

DEC 10 1952

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			1685	1695			
Slate			1695	1720			
Lime			1720	1745			
Slate			1745	1755			
Lime			1755	1855			
Red Rock			1855	1905			
Lime			1905	1925			
Slate & Shells			1925	2010			
Red Rock			2010	2030			
Slate & Shells			2030	2100			
Red Rock			2100	2110			
Slate & Shells			2110	2200			
Little Lime			2200	2270			
Pencil Cave			2270	2279			
BIG LIME			2279	2490			
BIG INJUN			2490	2525			
Slate & Shells			2525	2893			
Brown Shale			2893	2917			
BUREA SAND			2917	2948			
Brown Lime			2948	2951			
TOTAL DEPTH				2951			

Casinghead was lowered 1' in 1943. All measurements should be made from a point 1' above casinghead.

2" tubing with 7"x2"x3"x16"x4' Spec. gas anchor packer run, top of packer at 2920' with 2" and 3" tubing anchors. Cemented on top of packer with 30 sacks of cement, top of cement 2752', mudded annular space with 120 sacks of clay.

Date March 11, 1952, 19__

APPROVED THE PURE OIL COMPANY, Owner

By Guy J. Andersen
 Division Superintendent (Title)