

Cumberland & Allegheny Gas Company
Company

Division **4**
 Record of well No. **474 (1)** on **Jasper W. Riley** Farm **160** Acres
Oakland Field **Northeast Oakland** Township **Garrett** County **Maryland** State
 Rig Commenced **December 31** 1951. Completed **January 12** 1952
 Drilling Commenced **January 21** 1952. Completed **March 12** 1952
 Contractor **Union Drilling Company Inc.** Address **Washington, Pa**
 Driller's Name **W.G. Wilson and Royal Varner**

P.#
9388
1 of 2

CASING AND TUBING RECORD

Conductor	13"	16"	2 1/4"	7"	6 3/8"	5 1/2"	4"	3"
Used in Drilling	68'8"	367'10"	1507'1"	2843'0"	-	-	-	-
Left in well	68'8"	367'10"	1507'1"	2843'0"	-	-	-	-

PACKER RECORD

SHOOTING RECORD

Date	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		
-	-	-	-	-	-	-	-	-	-

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN					Max. B. P.	Hours
						1	2	3	4	5		
3-20-52	40/10	Water	5/8"	19,368	Chert	-	-	-	-	-	-	-
4-8-52	44/10	Mercury	2"	767,627	Chert & Oriskany	5	10	15	20	25	1460	-

TOTAL INITIAL OPEN FLOW

767,627 Cuft.

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay	0	10	10	
Gravel	10	17	7	Hole full water 12'
Lime	17	50	33	
Slate & Shells	50	215	165	Hole full water 84'
Lime	215	260	45	
Slate & Shells	260	345	45	
Lime	345	415	70	
Slate & Shells	415	1410	995	Hole full water 456'
Slate	1410	1516	106	
Shell	1516	1522	6	
Slate & Shells	1522	1600	78	
Lime	1600	1638	38	
Slate & Shells	1638	1763	125	
Slate & Shells	1763	2210	447	
Lime	2210	2220	10	
Shale	2220	2230	10	
Slate & Shells	2230	2313	83	
Slate & Shells	2313	2450	137	
Slate & Shells	2450	2774	324	
Slate & Shells	2774	2790	16	
Slate & Shells	2790	2810	20	
Slate	2810	2834	24	
Iron Break	2834	2837	3	
Lime	2837	2863	26	
Chert Sand	2863	2915	52	
Slate	2915	2917	2	
Lime	2917	2928	11	
Lime & Shale	2928	2956	28	

Examined above information and measurements and found to be correct by

Examined and Approved by

Contractor

Richard S. Cur

Field Superintendent

NOTE - The above blank must be filled out carefully by the contractor with a complete and accurate record of the well, and accompany, when presented for payment, all bills for drilling. All formations and known sands must be given by their proper name, with steel logs.

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9388
2.f.2

CASING AND TUBING RECORD

Conductor	13"	10"	8 1/4"	7"	6 3/8"	5 3/8"	4"	3"
Left in line	68'8"	367'10"	1507'1"	2843'0"	-	-	-	-
Left in well	68'8"	367'10"	1507'1"	2843'0"	-	-	-	-

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Cu. Ft.	Volume After Cu. Ft.
						Top	Bottom		
-	-	-	-	-	-	-	-	-	-

VOLUME AND PRESSURE

Date	Reading in Inches	Liquid	Size Orifice	Volume	Sand	PRESSURE IN MIN					14 Hour R. P.	Max. R. P.	Hours
						1	5	10	30	60			

TOTAL INITIAL OPEN FLOW CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
ate	2956	2990	34	
iskany Sand	2990	3049	59	
own Break	3049	3051	2	
me	3051	3109	58	
etal Depth	3109			

Open Flow when shut in 767,627 Cuft.

Chert Sand 2863'

Pick Up:

Gas at 2886'	10/10W-3/8"P	1 Min. 2Min. 3Min. 4Min. 5Min.
" " 2891'	18/10W-3/8"P	
" " 2893'	18/10W-3/8"P	5# 10# 15# 20# 25#
" " 2896'	18/10W-3/8"P	
" " 2899'	34/10W-5/8"P	
" " 2904'	34/10W-5/8"P	48 Hour R.P. 1460#
" " 2907'	34/10W-5/8"P	
29 " 2909'	40/10W-5/8"P	
" " 2912'	40/10W-5/8"P	
" " 2924'	42/10W-3/8"P	
" " 2978'	60/10W-3/8"P	
" " 2994'	50/10W-2"P	
" " 2995'	20/10W-2"P	
2997 " 2997'	40/10W-2"P	
" " 2999'	44/10W-2"P	
" " 3001'	44/10W-2"P	
3005 " 3005'	44/10W-2"P	
" " 3009'	40/10W-2"P	
" " 3014'	40/10W-2"P	
" " 3015'	38/10W-2"P	
" " 3029'	38/10W-2"P	
" " 3033'	36/10W-2"P	
" " 3047'	34/10W-2"P	
" " 3052'	32/10W-2"P	
3062 " 3062'	28/10W-2"P	
" " 3078'	20/10W-2"P	
" " 3104'	20/10W-2"P	

W.G. Wilson & Royal Varner