

**Cumberland & Allegheny Gas Company**

Division 4

Record of well No. (2) 475 on Jasper W. Riley Farm 160 Acres

Oakland, Md. Field Northeast Oakland <sup>Township</sup>District Garrett County Maryland State

Rig Commenced April 28 1952 Completed May 2 1952

Drilling Commenced May 6 1952 Completed July 25 1952

Contractor Union Drilling Company Address Box 281, Washington, Pa.

Driller's Name Carter Farrell and Care Randolph

P#  
9999

CASING AND TUBING RECORD

	Conductor	18"	10"	8 1/4"	7"	6 5/8"	6 3/8"	4"	3"		
Used in Drig	-	34'	398' 4"	1461' 5"	3272' 6"	-	-	-	-		This, Off
Left in well	-	34'	398' 4"	1461' 5"	3272' 6"	-	-	-	-		" "

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					24 Hour R. P.	Max. R. P.	Hours
						1	2	5	4	5			
7-25-52	46/10	Mercury	2 1/2"	1,226.356	Chert	8	28	50	64	74	700#		

TOTAL INITIAL OPEN FLOW

<sup>1,400.163</sup>  
1,226.356 Cuft.

CUBIC FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Clay (Soft)	0	19	19	
Clay (Hard)	19	40	21	Hole full water
Medium	40	340	300	Hole full water at 111'
Slate & Shells	340	538	198	
Lime	538	576	38	
Slate & Shells	576	658	82	
Lime	658	863	205	
Slate & Shells	863	1033	170	
Lime	1033	1240	207	Water at 1050', 8 blrs. per hour
Slate & Shells	1240	1330	90	
Lime (Broken)	1330	1540	210	
Lime Shells	1540	2030	490	
Slate & Shells	2030	2380	350	
Shale	2380	2500	120	Gas from 3295 to 3298'
Lime	2500	2508	8	" " 3309 to 3313'
Slate & Shells	2508	2600	92	3313" 3313 to 3316'
Shale	2600	2635	35	Gas tests 100/10W-3"
Shaly Lime	2635	2650	15	Gas from 3316-3319' (24/10M-2 1/2")
Shale	2650	2741	91	Gas from 3319-3322' (Gas tests 60/10M-
Lime	2741	2760	19	2 1/2", gas blew down to 46/10M-2 1/2" when
Lime (Broken)	2760	3008	248	completed
Shaly Lime	3008	3261	253	
Brown Break	3261	3263	2	Pick Up:
Madago Lime	3263	3293	30	1Min. 2Min. 3Min. 4Min. 5Min.
Chert Sand	3293	3322	29	8# 28# 50# 60# 74#
Total Depth	3322			

Examined above information and measurements and found to be correct by

Examined and Approved by

*Union Drilling Co.* Contractor

*[Signature]*

Field Superintendent

NOTE:—The above blank must be filled out carefully by the contractor, with a complete and accurate record of the well and its contents.