

Sumnerland & Allegheny Gas Company
Company

Division 4

Record of well No. 487 on Noah D. Shrook Farm 119 Acres

Oakland, Md. Field Redhouse #8 Township District Garrett County Maryland State

Rig Commenced April 22 19 52 Completed May 2 19 52

Drilling Commenced May 8 19 52 Completed September 25 19 52

Contractor O. N. Fox Address Oakland, Maryland

Driller's Name Lawrence Quigley and Chester Stalnaker

P# 10033
104

CASING AND TUBING RECORD

Conductor	13"	10"	8 1/4"	7"	6 1/8"	5 3/16"	4"	3"
Used in Drig	-	110' 10"	569' 9"	1579' 1	4411' 10"	-	-	-
LoD in well								

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Co. Ft.	Volume After Co. 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	5	10	30	60				

TOTAL INITIAL OPEN FLOW (No Gas Found In Producing Quantities) FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Yellow Clay	0	30	30'	
Blue Shale	30	70	40'	Water at 37'
Slate	70	147	77'	
Lime	147	192	45'	
Slate	192	205	13'	
Lime	205	212	7'	
Slate	212	325	113'	
Lime	325	365	40'	Reamed hole at 373' from 10" to 12"
Slate	365	391	26'	to 550'
Lime	391	409	18'	
Slate	409	427	18'	Water at 409'
Lime	427	554	127'	
Slate	554	608	54'	
Lime Shell	608	618	10'	
Gritty Lime	618	650	32'	
Slate	650	675	25'	
Lime	675	705	30'	
Slate	705	710	5'	
Lime	710	757	47'	
Slate	757	767	10'	
Lime Shells	767	845	78'	
Lime	845	880	35'	
Slate	880	885	5'	
Lime	885	967	82'	
Slate	967	995	28'	
Slate & Lime Shells	995	1095	100'	
Lime	1095	1108	13'	
Slate	1108	1163'	55'	

Examined above information and measurements and found to be correct by

Examined and Approved by

O. N. Fox

Contractor

[Signature]

Field Superintendent

Division 4.

Record of well No. 487 on Noah D. Shrock Farm 119 Acres
Oakland, Md. Field Redhouse #8 Township District Garrett County Maryland State
Rig Commenced April 22 19 52 Completed May 2 19 52
Drilling Commenced May 8 19 52 Completed September 25 19 52
Contractor O.M. Fox Address Oakland, Maryland
Driller's Name Lawrence Quigley and Chester Stalnaker

10033

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CASING AND TUBING RECORD

Conductor	13"	10"	8 1/4"	7"	6 1/2"	5 3/16"	4"	3"		
Used in Drig.	-	110' 10"	569' 9"	1579' 1	4411' 10"	-	-	-	-	-
Left on well										

PACKER RECORD

SHOOTING RECORD

Size	Depth Set	Type Packer	Date	Type Explosive	Amount	DEPTH		Volume Before Co. Ft.	Volume After Co. 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	5	10	30	60				

TOTAL INITIAL OPEN FLOW (No gas found in producing quantities) FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Lime	1163	1234	71	
Slate	1234	1240	7	
Lime	1240	1260	20	
Slate	1260	1275	15	
Lime	1275	1300	25	
Slate	1300	1470	170	
Lime	1470	1500	30	
Slate	1500	1589	89	
Lime	1589	1591	2	
Slate & Shells	1591	1665	74	
Lime	1665	1700	35	
Slate	1700	1709	9	
Lime	1709	1730	21	
Slate & Shells	1730	1808	78	
Lime	1808	1856	48	
Slate	1856	1862	6	
Lime	1862	1875	13	
Slate	1875	1937	62	
Lime	1937	1948	11	
Slate	1948	1965	17	
Lime	1965	2130	165	
Slate & Shells	2130	2165	35	
Lime	2165	2212	47	Brown, Hard
Slate & Shells	2212	2236	24	
Lime	2236	2264	28	
Slate & Shells	2264	2335	71	
Lime	2335	2357	22	
Slate	2357	2395	38	

Examined above information and measurements and found to be correct by

Examined and Approved by

O.M. Fox

Contractor

[Signature]

Field Superintendent

Westmoreland & Allegheny Gas Company
Company

Division 4

Record of well No. 487 on Noah D. Schrock Farm 119 Acres

Oakland, Md. Field Redhouse #8 Township District Garrett County Maryland State

Rig Commenced April 22 19 52 Completed May 2 19 52

Drilling Commenced May 8 19 52 Completed September 25 19 52

Contractor O. M. Fox Address Oakland, Maryland

Driller's Name Lawrence Quigley and Chester Stalnaker

10033
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CASING AND TUBING RECORD

Conductor	13"	10"	8 1/4"	7"	6 5/8"	6 3/16"	4"	3"		
Used in Drig	-	110'10"	569'9"	1579'1"	4411'10"	-	-	-	-	
Left in well										

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	5	10	30	60				

TOTAL INITIAL OPEN FLOW (No gas found in producing quantities) FEET PER 24 HOURS

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Lime	2395	2430	35	
Slate & Shells	2430	2700	270	
Lime	2700	2726	26	
Slate	2726	2746	100	
Lime	2746	2888	142	
Slate	2888	2915	27	
Lime	2915	2930	15	
Slate	2930	2966	36	
Lime	2966	3042	76	
Slate	3042	3108	66	
Lime	3108	3300	192	
Slate	3300	3405	105	
Lime (Black)	3405	3434	29	
Slate	3434	3620	186	
Lime	3620	3643	23	
Slate	3643	3699	56	
Lime	3699	3755	56	
Slate	3755	3810	55	
Lime	3810	3835	25	
Slate	3835	3955	120	
Fulley Lime	3955	3975	20	
Slate	3975	4323	348	
Lime Shale	4323	4378	55	
Slate	4378	4385	7	
Lime	4385	4405	20	
Brown Break	4405	4407	2	
Onedago Lime	4407	4433	26	
Chert Sand	4433	4505	72	

Examined above information and measurements and found to be correct by

Examined and Approved by

O. M. Fox

Contractor

Stalnaker

Field Superintendent

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

W. B. Cumberland & Allegheny Gas Company

Division 4
Record of well No. 487 on Noah D. Shrock Farm 119 Acres
Oakland, Md. Field Redhouse #8
Garrett County Maryland State
Rig Commenced April 22 19 52 Completed May 2 19 52
Drilling Commenced May 8 19 52 Completed September 25 19 52
Contractor O. M. Fox Address Oakland, Maryland
Driller's Name Lawrence Quigley and Chester Stalnaker

10033
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CASING AND TUBING RECORD

Table with columns for Casing Size (13", 10", 8 1/2", 8", 6 3/8", 5 1/2", 4", 3") and rows for Date of Use and Depth of Well.

PACKER RECORD

SHOOTING RECORD

Table with columns for Depth Set, Type Packer, Date, Type Explosive, Amount, DEPTH (Top, Bottom), Volume Before Cu. Ft., and Volume After Cu. Ft.

VOLUME AND PRESSURE

Table with columns for Date, Reading in Inches, Liquid, Size (Orifice), Volume, Sand, and PRESSURE IN MIN. (1, 5, 10, 30, 60), 24 Hour R.P., Max. R.P., and Hours.

TOTAL INITIAL OPEN FLOW

CUBIC FEET PER 24 HOURS

Table with columns for FORMATION, TOP, BOTTOM, THICKNESS, and REMARKS. Includes entries for Black Shale, Oriskany Sand, and Lime, with remarks such as 'Gas show 4/10W-1" and '250' of Water at 4458' in 6 Hours'.

Examined above information and measurements and found to be correct by

Examined and Approved by

O. M. Fox

Contractor

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.