

New Location..   
 Drill Deeper.....   
 Abandonment.....

(SUB-LESSEE)	
Company	LOGAN GAS DEVELOPMENT CO.
Address	408 LAND TITLE BUILDING, PHILADELPHIA 10, PA.
Farm	CHERRY RIVER BOOM & LUMBER CO.
Tract	BLOCK 1 Acres 300 Lease No. C-4847
Well (Farm) No.	1 Serial No. F-19150
Elevation (Spirit Level)	3432.31'
Quadrangle	MINGO-4 S-150 W-190
County	POCAHONTAS District EDRAV
Engineer	
Engineer's Registration No.	2074
File No.	Drawing No. W-27-56
Date	10-24-56 Scale 1" = 2000'

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

**WELL LOCATION MAP**  
 FILE NO. POCA-6

+ 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.



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4

Quadrangle Mingo 4 SW

Permit No. Poca 6

WELL RECORD

Oil or Gas Well dry  
(KIND)

Company Logan Gas Development Co. (sublessee)  
Address 408 Land Title Bldg. Philadelphia 10, Pa.  
Farm Cherry River Boom & Lbr. Co. Acres 300  
Location (waters) Middle Fork  
Well No. F-19150 Elev. 3432.31' G 16  
District Edray County Pocahontas  
The surface of tract is owned in fee by Cherry River Boom & Lumber Company  
912 1st Nat'l Bank Bldg. Scranton, Pa.  
Mineral rights are owned by Same  
Address \_\_\_\_\_  
Drilling commenced 12-15-56  
Drilling completed 4-11-57  
Date Shot not shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume dry hole Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED not acidized  
WELL FRACTURED not fractured

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
<u>1 1/4" 36#</u>	<u>44' 1"</u>	<u>Pulled</u>	<u>none</u>
<u>1 3/4" 32#</u>	<u>1080' 11"</u>	<u>Pulled</u>	Size of
<u>2" 24#</u>	<u>2481'</u>	<u>Pulled</u>	Depth set
<u>2 1/2"</u>			Perf. top
<u>3"</u>			Perf. bottom
<u>2"</u>			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
See reverse side  
COAL WAS ENCOUNTERED AT none FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

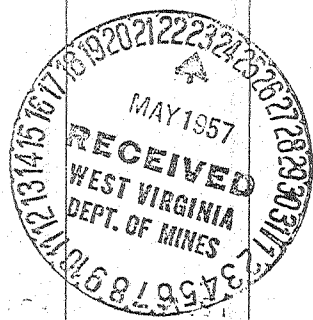
RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water 32' 95' Feet Salt Water 1758 Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand and Gravel			0	25			
Slate			25	38	Fresh water	32'	
Lime			38	50			
Slate			50	98	Fresh water	95'	hole full
Sand			98	106			
Lime			106	116			
Red Rock			116	148			
Lime			148	157			
Red Rock			157	393			
Sand			393	492			
Slate			492	503			
Red Rock			503	862			
Slate			862	870			
Red Rock			870	923			
Sand			923	953			
Red Rock			953	1020			
Slate			1020	1024			
Lime			1024	1040			
Slate			1040	1062			
Lime			1062	1110			
Red Rock			1110	1117			
Gritty Lime			1117	1142			
Sand			1142	1182			
Slate			1182	1205			
Big Lime			1205	1457			
Red Rock			1457	1464			
Lime			1464	1512			
Sand			1512	1540			
Lime			1540	1635			

*mc Crady*  
*Heir?*



(over)

Formation	Color	Hard or Soft	Top	Bottom 4	Oil, Gas or Water	Depth Found	Remarks
Dark Shale			1635	1646			
Red Rock			1646	1668			
Gritty Lime			1668	1822	Salt water	1758'	1½ hrs/2 hrs.
Sand			1822	1856			
Gritty Lime			1856	1910			
Red Lime			1910	1953			
Sand			1953	1986			
Red Rock			1986	2072			
Gritty Lime			2072	2077			
Sand			2077	2108			
Gritty Lime			2108	2120			
Sand			2120	2146			
Gritty Lime			2146	2213			
Red Sand	2468' DLM -	2477' SLM	2213	2513			
Gray Shale			2513	2528			
Sand			2528	2545			
Grey Gritty Lime			2545	2553			
Slate & Shells			2553	2765			
Gritty Lime			2765	2892			
Slate & Shells			2892	3315			
Gritty Lime			3315	3666			
Sand			3666	3862			
Slate & Shells			3862	4000			
Gritty Lime			4000	4197			
Slate & Shells			4197	4358			
Gritty Lime			4358	4412			
Slate & Shells			4412	4504			
TOTAL DEPTH -----				4504'			
PLUGGED AND ABANDONED 5-6-57							
<u>Casing record</u>							
10 3/4" ran at 1068' DLM with shoe and 20 sacks aquagel.							
8 5/8" ran at 2477' SLM with shoe and 23 sacks aquagel. No circulation or returns.							

Date May 21, 19 57

APPROVED Logan Gas Development Company, Owner  
 by Columbian Carbon Company, Operator  
 By R. B. Anderson, General Manager.  
 (Title)