



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Littleton

WELL RECORD

Storage

Permit No. MARS-280

Oil or Gas Well GAS
(KIND)

Company The Manufacturers Light & Heat Company
Address 800 Union Trust Building, Pgh. 19, Pa.
Farm George N. Yoho Acres 133
Location (waters) _____
Well No. 3089 Elev. 1334.4'
District Liberty County Marshall
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced February 11, 1957
Drilling completed July 7, 1958
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 "	232'	232'	Size of
8 1/4 "	1611'	1611'	
6 "			Depth set
5 3/16 "	2264'	2264'	
3 "	348'	348'	Perf. top
2 3/8 "	2142'	2142'	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft THICKNESS	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Schlumberger Well Survey					All pipe measured over threads.		
✓ Pittsburgh Coal		6	1090	1096	Run 232' of 10 3/4" Casing, SM. H40. 32#		
✓ Maxton Sand		9	2111	2120	on a steel shoe. Not cemented. Run		
✓ Big Lime			2157		1611' of 8 5/8" Casing, SM. J55. 24# on		
✓ Big Injun				2480	a steel shoe. Cemented with 400 bags		
Total depth				2480	cement and 2 bags of Aquagel. Good		
5 1/2" Shoe set at				2251	return of cement at the surface. Run		
					2264' of 5 1/2" Casing, SM. J55. 17# on a		
					steel shoe set at 2251'. Cemented with		
					400 bags, 15.2 lbs. per gallon. No		
					cement return at the surface. Five 5 1/2"		
					x 8 5/8" casing centralizers were used.		
					The 5 1/2" casing was perforated at 2100' to		
					2121' with 85 shots by Schlumberger Well		
					Surveyin Corp. Well was tubed by running		
					348' of 3 1/2" Tubing, Used, V-thd. as		
					anchor. Bottom joint was capped and the		
					2nd, 8th and 16th joints were perforated.		
					A 3" x 2" swage nipple was used to		
					install a 2" x 5" Anchor Packer set at		
					2132' to 2135'. On top of packer was		
					run 2142' of 2 3/8" Tubing, Ex. Up. SM.		
					J. 4.70#. Bottom of hole was plugged		
					back from 2725 to a final depth of 2480'		
					with 25 bags of cement.		
					5 Centralizers used and placed as		
					follows:		
					NO. 1-2013' No. 2 - 1816' No. 3-1538'		
					No. 4-1222' No. 5 - 869'		
					Well makes water from Big Injun sand,		
					unable to bail, filled up 1284'		

