

LATITUDE

39 50

80 30

LONGITUDE

20615
7.5' loc

LONGITUDE

7.5 OGIS topo location

7.5' loc 1.21S
1.78W

15' loc 1.21S
(calc.) 1.78W

Company _____

Farm _____

LOCATION MAP

Quad Cameron

County _____

District Liberty

WELL LOCATION MAP

File No. Marshall 99

100-010

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Mars-99

Gas Well

Cameron Quad.

CASING & TUBING

Company	Cameron Heat & Light Co.	10	297-2	297-2
Address	Cameron, W. Va.	8-1/4	1422-1	1422-1
Farm	J. B. Chambers ACRES 55	6-5/8	2028	2028
Well No.	Four ELEV. 1302			
District	Liberty - Marshall County			
Surface	Chambers, Cameron, W. Va.			
Mineral	W. A. Dowley, Moundsville, W. Va.	COAL ENCOUNTERED:		
Drilling commenced	Nov. 21, 1938		615 to 620	
Drilling completed	Jan. 6th, 1939		805 to 810	
Date shot	1-9-39 - depth 2870 to 2877		910 to 918	
Open Flow	78/10ths Water in 1" orifice			
Volume	69,236 c.f.			
Rock Pressure	268 lbs. 24 hrs.			
Water	-			

Formation Color ^{HT} TOP Base Result Formation Color ^{HT} TOP Base Result

Clay	red	s		25		Lime Shells	lgt.	h	1640	1650
Lime	wh.	h	25	45		Slate	drk.	m	1650	1740
Shale	lgt.	s	45	85		1st Salt Sand		h	1740	1775
Sand	lgt.	m	85	105		Slate	drk.	s	1775	1880
Shale	drk.	s	105	125		2nd Salt Sand broken		s	1880	1950
Lime-light		m	125	160		Slate	lgt.	s	1950	1960
Shale	drk.	s	160	220		Lime	lgt.	h	1960	1985
Lime	lgt.	m	220	255		Slate	lgt.	s	1985	1995
Shale	drk.	s	255	275		Lime	lgt.	h	1995	2010
Sand	wh.	h	275	295		Slate	lgt.	s	2010	2020
Lime	wh.	m	295	345		Big Lime	lgt.	h	2020	2050
Red Rock	red	s	345	355		Big Injun	wh.	h	2050	2300
Slate	drk.	s	355	380		Slate&Shells		m	2300	2580
Sand	wh.	m	380	400		Shells	wh.	h	2580	2610
Slate	drk.	s	400	440		Slate&Shells		m	2610	2660
Lime	wh.	m	440	465		30 ft. Berea	wh.	h	2660	2720
Slate	drk.	s	465	485		Lime Shells		h	2720	2750
Lime	wh.	h	485	520		Pink Rock	pink	s	2750	2755
Slate	lgt.	s	520	576		Slate&Shells		m	2755	2870
Red Rock	red	s	576	580		50 ft.	wh.	h	2870	2908
Sand	lgt.	m	580	615		Slate	drk.	s	2908	2921
Waynesburg	coal	s	615	620	Water	3rd Sand	broken		2921	2936
Lime	wh.	h	620	650	small	Gordon Proper		h	2936	2969
Slate	lgt.	s	650	660	amt.	4th Sand	wh.	hkn	2969	3015
Lime	wh.	h	660	805		Shale	drk.	s	3015	3082
Mapletown	Coal	s	805	810		Total Depth			3082	3082
Lime	lgt.	h	810	885						
Slate	drk.	s	885	900		Show of gas at 1945'				
Lime	lgt.	h	900	910		Gas at 2875'				
Pittsburgh	Coal	s	910	918	e blrs.	water an hr.				
Lime	wh.	h	918	995						
Sand	lgt.	m	995	1040						
Lime	wh.	h	1040	1110						
Slate	"	s	1110	1128						
Murphy Sand		h	1128	1140						
Slate	lgt.	s	1140	1150						
Red Rock	red	s	1150	1210						
Lime	wh.	h	1210	1270						
Pink Rock	pink	s	1270	1286						
Lime	lgt.	h	1286	1310						
Little Dunkard		m	1310	1375						
Shale	drk.	s	1375	1415						
Big Dunkard	lgt.	m	1415	1455						
Slate	drk.	s	1455	1544						
Lime Shells		m	1544	1580						
Slate	drk.	s	1580	1600						
Lime Shells		m	1600	1610						
Slate	drk.	s	1610	1640						

2020
 110
 2130
 1302
 828

2020
 1302
 718