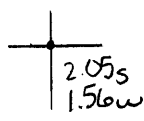


Latitude

Longitude



Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company Manufact Lt+HT

Farm JL+Elin Crow #4

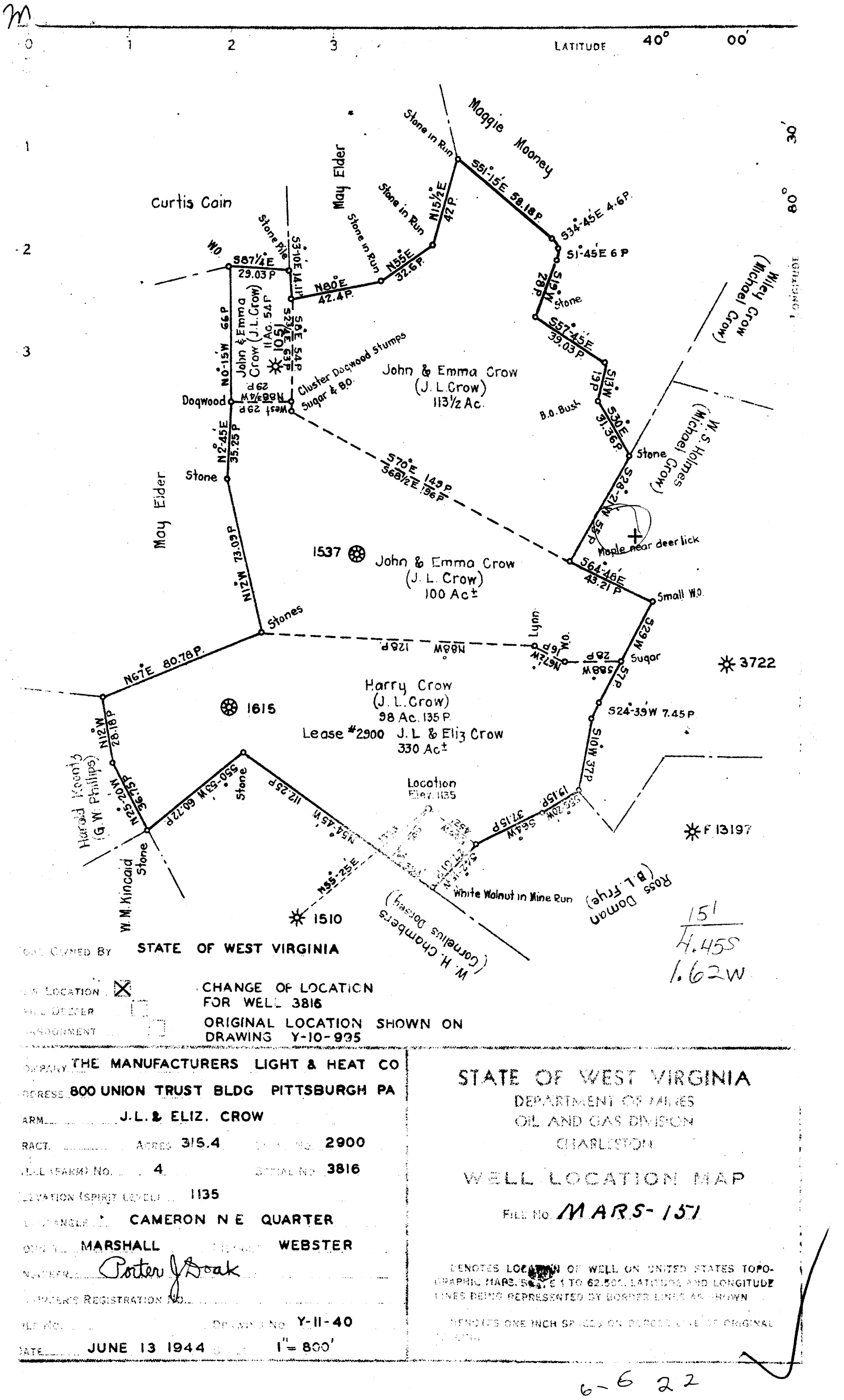
15' Quad _____
(sec.)

7.5' Quad Mayersville

District Webster

WELL LOCATION PLAT

County 051 Permit 151



WELL OWNED BY STATE OF WEST VIRGINIA

CHANGE OF LOCATION FOR WELL 3816
 ORIGINAL LOCATION SHOWN ON DRAWING Y-10-995

COMPANY THE MANUFACTURERS LIGHT & HEAT CO
 ADDRESS 800 UNION TRUST BLDG PITTSBURGH PA
 NAME J.L. & ELIZ. CROW
 TRACT Acres 315.4 DIST. NO. 2900
 (WELL (FAK)) No. 4 SERIAL NO. 3816
 ELEVATION (SPIRIT LEVEL) 1135
 QUARTER CAMERON NE QUARTER
 COUNTY MARSHALL TOWNSHIP WEBSTER
 SURVEYOR *Potter Doak*
 SURVEYOR'S REGISTRATION NO.
 DATE JUNE 13 1944 DRAWING NO. Y-11-40
 SCALE 1" = 800'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. *MARS-151*

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 DRAWING.

6-6 22

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mars 151 R	Gas Well		
Cameron N.E. Quad.	CASING & TUBING		
Company	The Manufacturers Light & Heat Co.		
Address	800 Union Trust Bldg., Pittsburgh, Pa.		
Farm	J.L. Crow	Acres 315.4	
Location			10 897'3 Same
Well No.	4-3816	Elev. 1135'	8 1/2 1401'5 Same
District	Webster	Marshall County	6 5/8 1707'8 Same
Surface	Willis M. Crow, R.D.5, Elm Grove, W.Va.		
Mineral	The Mfrs. L & H Co. 800 Union Trust Bldg. Pittsburgh, Pa.		
Commenced	4-12-44		No Packer
Completed	8-10-44		
Volume	885,000 C.F.		Coal at 170' 36":
Rock Pressure	145 lbs. 48 hrs.		295' 60"; 493' 48";
			603' 60"; 1162' 72"

Clay, Rock, Slate, Shells	0	62	
Sand	62	80	
Slate, Lime, Shells	80	170	
✓ Coal	170	173	
Lime	173	226	
Slate	226	250	
Lime	250	295	
✓ Coal	295	300	
Slate, Shells, Lime	300	337	
Slate	337	372	
Lime	372	412	
Slate & Shells	412	460	
Lime	460	493	
✓ Coal	493	497	
Slate, Lime, Shells	497	603	
✓ Pittsburgh Coal	603	608	
Slate & Lime	608	670	
Red Rock	670	675	
Lime & Slate	675	720	
Red Rock	720	748	
Slate & Shells	748	765	
Red Rock	765	780	
Lime, Slate & Shells	780	850	
Red Rock	850	870	
Slate & Shells	870	962	
Red Rock	962	970	
Lime & Slate	970	1000	
✓ Little Dunkard	1000	1025	
Slate & Shells	1025	1072	
✓ Big Dunkard	1072	1112	
Slate & Shells	1112	1150	
Sand	1150	1162	
✓ Coal	1162	1168	
Slate & Shells	1168	1186	
Sand	1186	1194	
Lime & Slate	1194	1235	
✓ Gas Sand	1235	1322	
Slate, Lime, Shells	1322	1422	
Sand	1422	1450	
Slate & Shells	1450	1505	
✓ Salt Sand	1505	1674	
Slate & Lime	1674	1700	
✓ Big Injun Sand	1700	1936	Show of gas at 1773'
Slate & Shells	1936	2040	
Lime	2040	2068	Gas 1786-1791 Steel Line Meas.
Slate & Shells	2068	2260	Gas 1797-1800
✓ 30' Foot Shells	2260	2340	
Slate & Shells	2340	2422	Show of oil 1804
TOTAL DEPTH		2422	