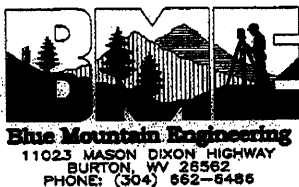
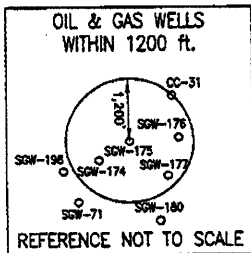
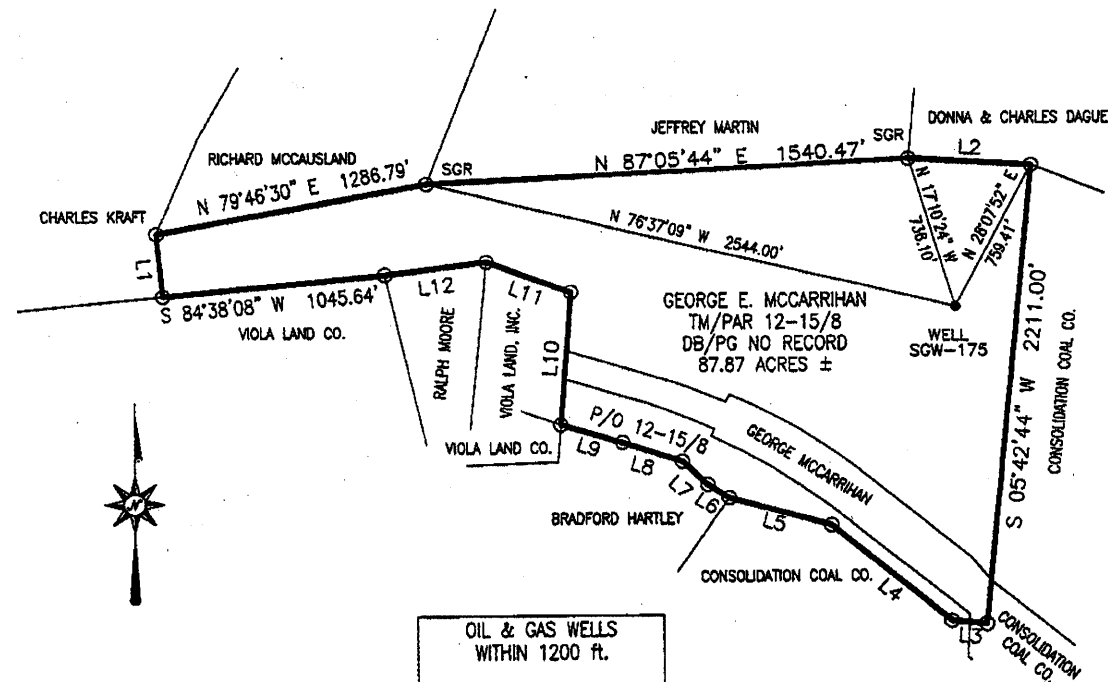


LATITUDE 40°00'00"

LONGITUDE 80°32'30"

LINE	BEARING	DISTANCE
L1	N 05°32'04" W	299.69'
L2	S 86°39'36" E	576.37'
L3	N 84°17'16" W	165.00'
L4	N 50°17'16" W	726.00'
L5	N 74°17'16" W	495.00'
L6	S 57°18'15" E	119.74'
L7	N 47°29'49" W	159.34'
L8	N 72°03'09" W	289.99'
L9	N 73°28'56" W	306.30'
L10	N 04°27'56" E	643.50'
L11	S 69°55'04" E	422.23'
L12	S 82°52'06" W	479.63'

NOTE:  
It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

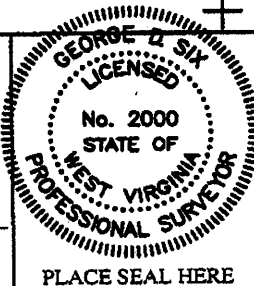


COORDINATES:  
447' WEST  
14,400' SOUTH

FILE #: SGW-175  
DRAWING #: SGW-175  
SCALE: 1" = 800'  
MINIMUM DEGREE OF ACCURACY: 1/2500  
PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *George D. Six*  
R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304

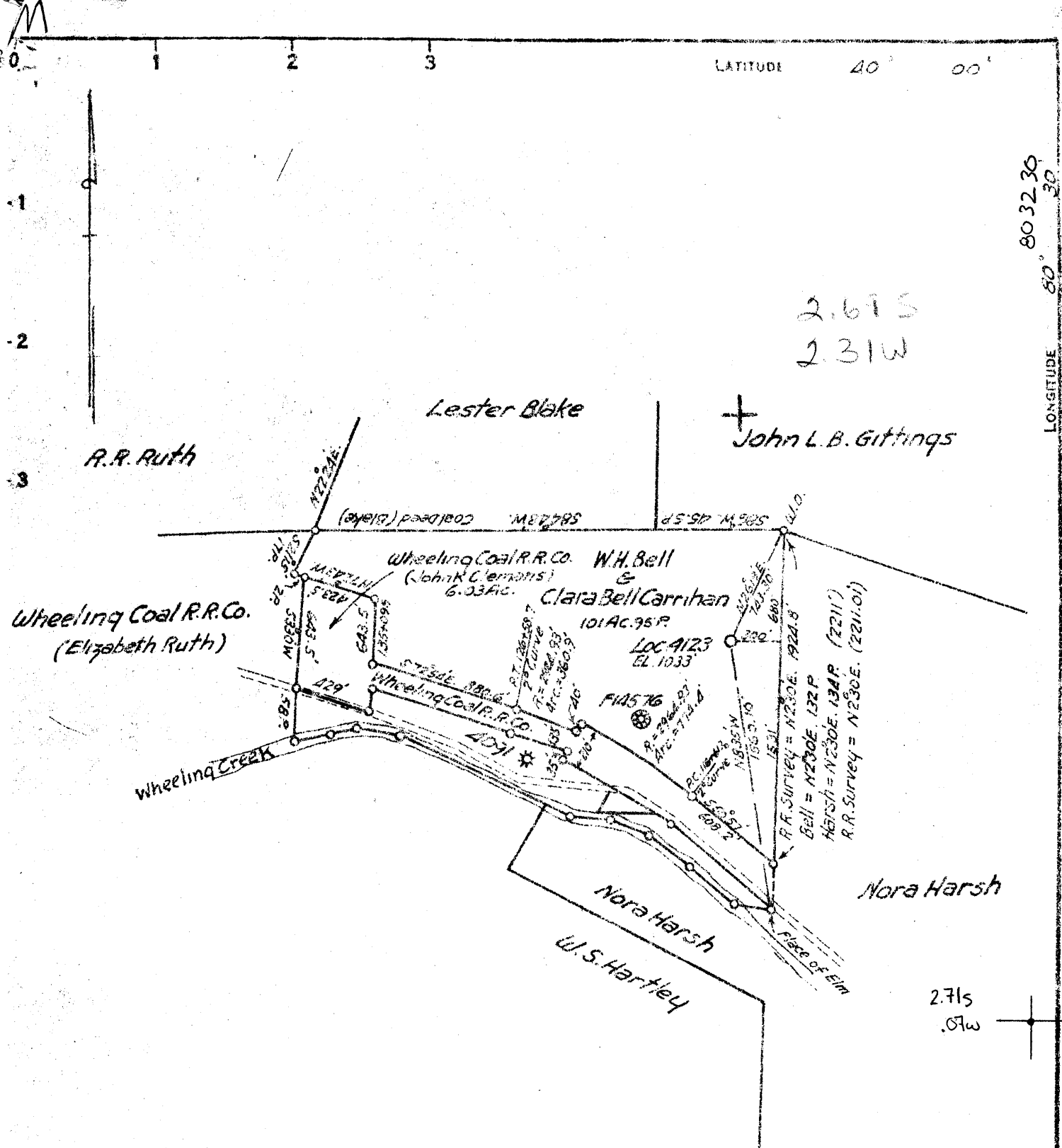


DATE: MAY 10, 2010  
OPERATOR'S WELL #: SGW-175  
API WELL #: 47 51 00231P  
STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: UNNAMED TRIBUTARY TO WHEELING CREEK ELEVATION: 1032.12'  
COUNTY/DISTRICT: MARSHALL/SANDHILL QUADRANGLE: MAJORSVILLE, WV-PA 7.5'  
SURFACE OWNER: GEORGE E. MCCARRIHAN ACREAGE: 87.87  
OIL & GAS ROYALTY OWNER: \_\_\_\_\_ ACREAGE: \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: NONE ESTIMATED DEPTH: \_\_\_\_\_  
WELL OPERATOR CONSOLIDATION COAL Co., RIVER OPERATIONS DESIGNATED AGENT MICHELE O'NEIL  
Address Rd #4, Box 425 Address Rd #4, Box 425  
City Moundsville State WV Zip Code 26041 City Moundsville State WV Zip Code 26041



FULL OWNED BY Chas. E. Hackney Washington Trust Bldg. Washington Pa.  
 STORAGE   
 KEY LOCATION   
 DRILL DEEPER   
 ABANDONMENT

COMPANY The Manufacturers Light & Heat Co.  
 ADDRESS 800 Union Trust Bldg. Pittsburgh Pa.  
 FARM W. H. Bell & Clara Bell Mc Carrihan  
 TRACT ACRES 101 Ac. 95 P. LEASE NO. 19416  
 WELL (FARM) NO. 2 SERIAL NO. 4123  
 ELEVATION (SPIRIT LEVEL) 1033'  
 QUADRANGLE Cameron N.E.  
 COUNTY Marshall W. Va. DISTRICT Sandhill  
 ENGINEER K. Streater E.L.  
 ENGINEER'S REGISTRATION NO. \_\_\_\_\_  
 FILE NO. \_\_\_\_\_ DRAWING NO. Y-13-625  
 DATE Jan 15, 1952 SCALE 1" = 300'

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

## WELL LOCATION MAP

FILE NO. MARS 231

+ 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

9-0 ~~626~~ 22

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

Permit No. MARS ~~227~~ 231  
Cameron Quad.

Storage  
Gas

Company Manufacturers Light & Heat Co.  
Farm Bell & McKerrihan Acres 100  
Well No. 4123  
District Sandhill County - Marshall  
Commenced 3/22/52  
Completed 4/14/52  
Contractor M.C. Brumage and Sons, Waynesburgh, Pa.  
Volume 3,851,520  
R.P. 409# 48 hours

CASING & TUBING

Cond.	16	16
10	532	532
8 1/2	1163	1163
4"		1267

Anchor Packer 6 1/2 x 4"  
Set at 1244'

Clay	0	13
Rock	13	20
Slate	20	100
Lime	100	195
Coal	195	198
Lime	198	250
Slate	250	255
Lime	255	305
Slate	305	394
Lime	394	490
Slate	490	494
Pgh. Coal	494	500
Lime	500	540
Slate & Shells	540	610
Red Rock	610	624
Slate & Shells	624	764
Red Rock	764	776
Slate & Shells	776	852
Red Rock	852	865
Slate & Shells	865	894
Lime	894	922
Slate & Shells	922	1017
Lime	1017	1085
Slate	1085	1106
Lime	1106	1132
Sand (see sand)	1132	1185
Slate	1185	1230
Sand (see sand)	1230	1255

Slate	1255	1260
and Salt Sand 15'	1260	1272
TOTAL DEPTH		1272
gas pay	1252	1253
Gas Pay	1266	1271

Gas 272'  
Show of gas 1156-1185 (sand)  
Too small to test  
Test at 1261 24/10 W 1" 38,390 Cu.Ft.  
Test at 1267 52/10 Merc. 3" 1,882,156  
Test at 1270 80/10 Merc. 4" 3,851,520

285