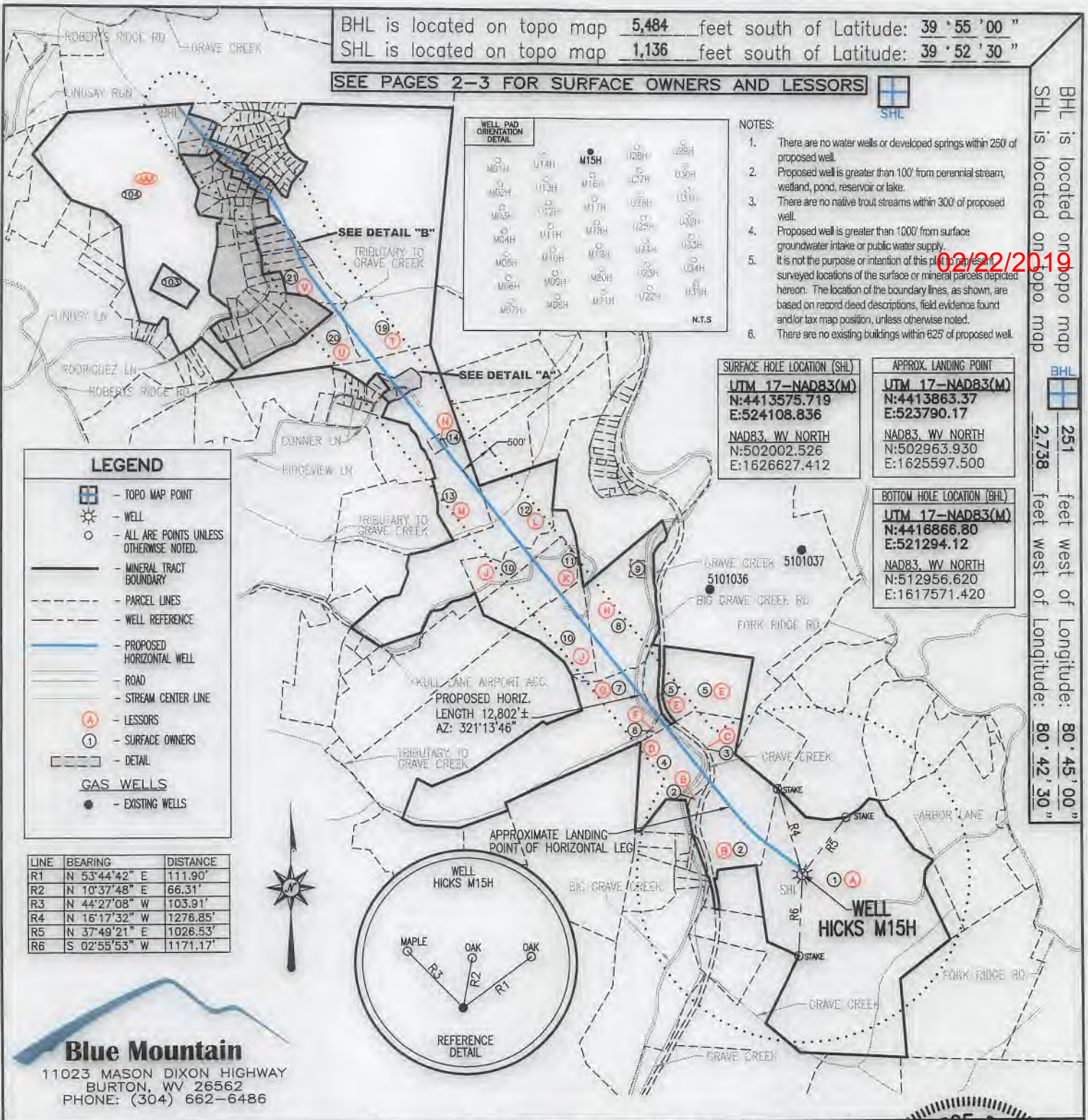


BHL is located on topo map 5,484 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 1,136 feet south of Latitude: 39° 52' 30"

SEE PAGES 2-3 FOR SURFACE OWNERS AND LESSORS



BHL is located on topo map 251 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 2,738 feet west of Longitude: 80° 42' 30"



FILE #: HICKS M15H
 DRAWING #: HICKS M15H
 SCALE: 1" = 2000'
 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



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

WELL TYPE: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1161.57'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'
 SURFACE OWNER: THOMAS E. HICKS ACREAGE: 172.100±
 OIL & GAS ROYALTY OWNER: CHRISTA DAWN HICKS, ET AL. ACREAGE: 852.432±
 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: MARCELLUS ESTIMATED DEPTH: TVD: 6,336'± TMD: 19,770.33'±
 WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 700 CHERRINGTON PARKWAY Address 500 LEE STREET, EAST SUITE 1600
 City CORAOPOLIS State PA Zip Code 15108 City CHARLESTON State WV Zip Code 25301-3202

DATE: OCTOBER 24, 2018
 OPERATOR'S WELL #: HICKS M15H
 API WELL #: 47 51 02162
 STATE COUNTY PERMIT

HICKS

M15H

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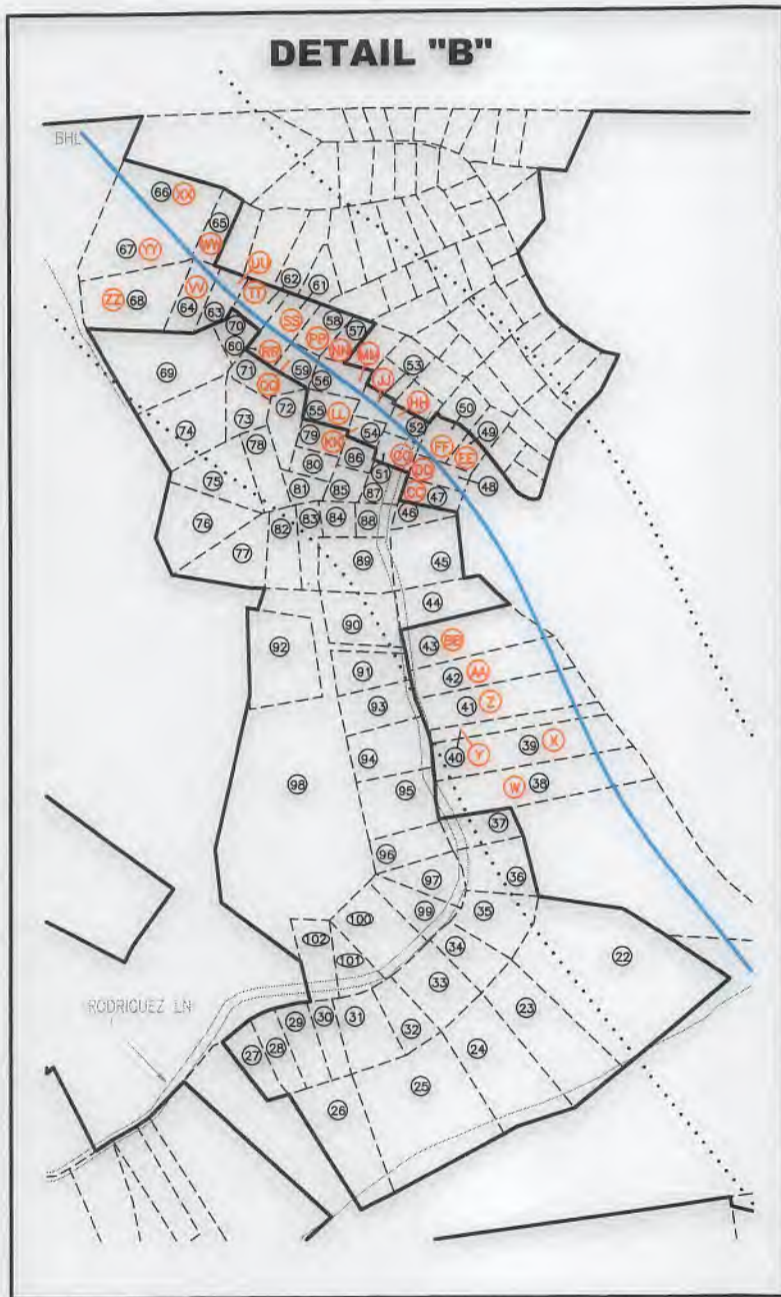
	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	RONALD ELWOOD STERN ET UX	4-8/35
3	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-8/39
4	ROBERT L., JR. & PATSY ANN CLARK	4-8/35.1
5	LESTER ALLEN & JANET E. RICHMOND	4-4/29
6	PATSY ANN CLARK	4-8/33
7	CHARLES W., JR. & JUDY MERCER	4-8/16
8	JANET ELOWISE RICHMOND - LIFE	4-4/72
9	WILLARD L. ATWELL ET UX	4-4/73
10	MARSHALL CO. AIRPORT AUTHORITY	4-4/2
11	MARSHALL CO. AIRPORT AUTHORITY	4-4/2.1
12	LENEE J. CURIITI ET UX	4-5/54.5
13	THOMAS P. & TAMARA R. WOOD	4-5/45
14	THOMAS P. & TAMARA R. WOOD	4-5/45.6
15	RANDALL C. & TRACY L. ROGERSON	4-5/45.8
16	RANDALL C. ROGERSON ET UX	4-5/45.4
17	ROBERT M. & CORINNE PERRY	4-5/45.5
18	BETTY J. FLUHARTY	4-5/45.3
19	CHAPLIN REAL ESTATE CO	4-2/49
20	GREGORY SNIDER	4-2/50.7
21	GREGORY SNIDER	4-2/73
22	MATTHEW A. & CANDACE G. MCBEE	4-2/50.2
23	MARGARET E. KELLER	4-2/50.3
24	RICHARD EMERY ET UX	4-2/50.5
25	GARY IRWIN NELSON ET UX	4-2/50.4
26	GEORGE D. & LAURIE E. BUMGARDNER	4-2/50.9
27	GEORGE D., II & LAURIE E. BUMBARDNER	4-2/52.18
28	GEORGE DONALD, II & LAURIE ELLEN BUMGARDNER	4-2/52.15
29	GEORGE DONALD BUMGARDNER, II ET UX	4-2/52.13
30	GEORGE DONALD BUMGARDNER, II ET UX	4-2/52.14
31	GARY I. NELSON ET UX	4-2/66
32	GARY I. NELSON ET UX	4-2/50.1
33	RICHARD DOUGLAS EMERY ET UX	4-2/67
34	MARGARET E. KELLER	4-2/68
35	MATTHEW A. & CANDACE G. MCBEE	4-2/69
36	DONALD GOERGE PIERCE ET UX	4-2/70
37	GERALD F. PROHASKA	4-2/76
38	JOSHUA R. & JAMIE L. DOWNING	4-2/73.1
39	GEORGE D. BUMGARDNER ET UX ET AL	4-2/75
40	GEORGE D. BUMGARDNER ET UX ET AL	4-2/74
41	WILLIAM M. YURISKO ET UX	4-2/71
42	PHYLLIS JANE ESTEP	4-2/71.1
43	BRENDA K. ROSE	4-2/72.1
44	DAVID L. HAMMOND ET UX	4-2/72
45	ERIC JAY BOOTH ET AL	4-2/49.1
46	CHAPLIN REAL ESTATE CO	4-2B/99
47	CHAPLIN REAL ESTATE CO	4-2B/98
48	CHAPLIN REAL ESTATE CO	4-2B/97
49	CHAPLIN REAL ESTATE CO	4-2B/100
50	CHAPLIN REAL ESTATE CO	4-2B/96
51	RANDY LEE WHITLATCH ET UX	4-2B/12
52	JEFFERY W. PALMER ET UX	4-2B/13
53	CHAPLIN REAL ESTATE CO	4-2B/18
54	RANDY LEE & DEBORAH WHITLATCH	4-2B/19
55	CHAPLIN REAL ESTATE CO	4-2B/23
56	CHAPLIN REAL ESTATE CO	4-2B/24
57	CHAPLIN REAL ESTATE CO	4-2B/26
58	DAVID ALAN SCOLLICK ET UX	4-2B/27
59	DAVID ALAN SCOLLICK ET UX	4-2B/28.2
60	DAVID ALAN SCOLLICK ET UX	4-2B/28.1
61	DAVID ALAN SCOLLICK ET UX	4-2B/28
62	BRUNO JOSEPH GRAMPA ET UX	4-2B/34
63	TODD R. L. & BRIANA LYNN CARNEY	4-2B/35
64	TODD R. L. & BRIANA LYNN CARNEY	4-2B/36
65	TODD R. & BRIANA LYNN CARNEY	4-2B/40
66	ANTONIA R. YOHO	4-2B/39
67	ANTONIA R. YOHO	4-2B/38
68	ANTONIA R. YOHO	4-2B/37
69	JAMES R. CHAPLIN - TOD	4-2B/32
70	JAMES J. LAWTHOR ET UX	4-2B/33
71	CHAPLIN REAL ESTATE CO	4-2B/29
72	CHAPLIN REAL ESTATE CO	4-2B/8.1
73	JAMES & MARLENE LAWTHOR	4-2B/30
74	JAMES R. CHAPLIN - TOD	4-2B/31
75	CALVIN L. & TONYA L. LANDIS	4-2B/7
76	SEAN P. MONTZ	4-2B/6
77	ALLAN D. GOODE ET UX	4-2B/5
78	WARREN NEAL KELLEY ET UX	4-2B/8
79	JANET L. HEWITT	4-2B/22
80	JANET L. HEWITT	4-2B/21

	SURFACE OWNER	DIST-TM/PAR
81	JAMES K. & TRISHA L. RICE	4-2B/9
82	RICHARD A. BEE ET UX	4-2B/4
83	WILLIAM B. & DOTTIE BEE	4-2B/3
84	FREDA L. CAMPBELL - LIFE ET AL	4-2B/2
85	RONALD D. STONE ET UX	4-2B/10
86	JENNIFER C. KACHEL	4-2B/20
87	BRYAN P. & TRACY L. WILEY	4-2B/11
88	CARY R. & SHANON L. HESS	4-2B/1
89	CHAD A. & ERIN D. NELSON	4-2/51
90	ALBERT W. BLEVINS ET UX	4-2/54
91	DEAN M. WINLAND ET UX	4-2/55
92	BRENDA L. ESTEL & TIMOTHY E. TASKER	4-2/50.8
93	ANDREW ALLEN BARTOLOVICH ET UX	4-2/56
94	ANDREW ALLEN BARTOLOVICH ET UX	4-2/57
95	MICHAEL L. VERONIS ET UX	4-2/59
96	CAROL L. GILL	4-2/60
97	RICHARD A. YOUNGER ET UX	4-2/61
98	GREGORY K. WOOD	4-2/50
99	RUTH MAY CHRISLIP	4-2/62
100	ROGER JAMES ET UX	4-2/63
101	ROGER C. JAMES, III ET UX	4-2/50.6
102	DEREK T. REED	4-2/65
103	GREGORY K. & BONNIE J. WOOD	4-2/52.19
104	GREGORY K. WOOD	4-2/52

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413575.719 E:524108.836	UTM 17-NAD83(M) N:4413863.37 E:523790.17	UTM 17-NAD83(M) N:4416866.80 E:521294.12
NAD83, WV NORTH N:502002.526 E:1626627.412	NAD83, WV NORTH N:502963.930 E:1625597.500	NAD83, WV NORTH N:512956.620 E:1617571.420

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	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS ET AL	4-8/37
B	CHESAPEAKE APPALACHIA, L.L.C.	4-8/35
C	CNX GAS COMPANY LLC	4-8/39
D	CHESAPEAKE APPALACHIA, L.L.C.	4-8/35.1
E	LESTER ALLEN RICHMOND ET AL	4-4/29
F	SANDRA KAY WARNER PATSY SUE BAYHA HALLIE LU PETERSON LUCRETIA LEE DELLA K. BOONE DENNIS PARSONS DR. CASPER E. CLINE CHARLOTTE L. STROMSLAND	4-8/33
G	SANDRA KAY WARNER PATSY SUE BAYHA HALLIE LU PETERSON LUCRETIA LEE DELLA K. BOONE DENNIS PARSONS DR. CASPER E. CLINE CHARLOTTE L. STROMSLAND	4-8/16
H	JANET RICHMOND ET VIR	4-4/72
J	MARSHALL CO. AIRPORT AUTHORITY	4-4/2
K	MARSHALL CO. AIRPORT AUTHORITY	4-4/2.1
L	JOHN L. FOX KAREN M. FOX CHRISTI F. PRESTON JOHN L. FOX II CYNTHIA S. HAMILTON DOROTHY A. ARGENTA MARY E. PERSINGER KAREN FOX EVANS BRAD FOX LINDA SMITH ANN MACHELE MILLER JANET C. HUNNELL MICHAEL PERSINGER BETH BLAKE WILLIAM P. ARGENTA PAUL T. ARGENTA JOAN E. KRESS	4-5/54.5
M	THOMAS P. WOOD ET UX	4-5/45
N	THOMAS P. WOOD ET UX	4-5/45.6
P	RANDALL C. ROGERSON ET UX	4-5/45.8
Q	RANDALL C. ROGERSON ET UX	4-5/45.4
R	THOMAS P. WOOD, ET UX	4-5/45.5
S	WILLIAM R. FLUHARTY, ET UX	4-5/45.3
T	CHAPLIN REAL ESTATE CO	4-2/49
U	GREGORY SNIDER	4-2/50.7
V	GREGORY SNIDER	4-2/73
W	NATHAN C. PETTIT ET UX	4-2/73.1
X	GEORGE D. BUMGARDNER ET AL	4-2/75
Y	GEORGE D. BUMGARDNER ET AL	4-2/74
Z	WILLIAM YURISKO ET UX	4-2/71
AA	WILLIAM P. ESTEP JR., ET UX	4-2/71.1
BB	BRENDA K. ROSE	4-2/72.1
CC	CHAPLIN REAL ESTATE CO.	4-2B/98
DD	CHAPLIN REAL ESTATE CO.	4-2B/97
EE	CHAPLIN REAL ESTATE CO.	4-2B/100
FF	CHAPLIN REAL ESTATE CO.	4-2B/96
GG	RANDY L. WHITLATCH, ET UX	4-2B/12
HH	JEFFREY W. PALMER, ET UX	4-2B/13
JJ	CHAPLIN REAL ESTATE CO.	4-2B/18
KK	RANDY L. WHITLATCH, ET UX	4-2B/19
LL	CHAPLIN REAL ESTATE CO	4-2B/23
MM	CHAPLIN REAL ESTATE CO	4-2B/24
NN	CHAPLIN REAL ESTATE CO	4-2B/26
PP	DAVID A. SCOLLIK, ET UX	4-2B/27
QQ	*DAVID A. SCOLLIK, ET UX	4-2B/28.2
RR	DAVID A. SCOLLIK, ET UX	4-2B/28.1
SS	DAVID A. SCOLLIK, ET UX	4-2B/28
TT	*BRUNO J. GRAMPA, ET UX	4-2B/34
UU	KEVIN M. JARRETT, ET UX	4-2B/35
VV	KEVIN M. JARRETT, ET UX	4-2B/36
WW	*CHAPLIN REAL ESTATE CO.	4-2B/40
XX	*ANTONIA R. YOHO	4-2B/39
YY	ANTONIA R. YOHO	4-2B/38
ZZ	ANTONIA R. YOHO	4-2B/37
AAA	GREGORY K. WOOD ET UX	4-2/52

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