

BHL is located on topo map 9,700 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 1,194 feet south of Latitude: 39° 52' 30"

BHL is located on topo map 2,437 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 2,725 feet west of Longitude: 80° 42' 30"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL



SEE PAGES 3 & 4 FOR LESSORS

	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	VICKIE L. & SIDNEY P. POND	4-8/36.1
3	VICKIE L. & SIDNEY P. POND	4-8/36
4	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	4-8/39
5	SIDNEY P. POND ET UX	4-8/36.2
6	MABEL JUANITA WILLIAMS	4-8/23
7	HENRY W. & LINDA M. ASTON	4-8/19
8	BONAR FAMILY IRREVOCABLE TR	4-8/18
9	HENRY W. & LINDA M. ASTON - LIFE	4-8/18.1
10	*RALPH D. HOYT ET UX	4-8/17.1
11	AMBER R. CLARK	4-8/17.2
12	JEANIE M. & DEAN A. HOYT	4-8/17.3
13	*RONALD P. & EILEEN C. STROPE	4-8/17.4
14	CAROL ANN JORDAN	4-8/15
15	CATHY R. BERISFORD - TOD	4-8/12
16	CHARLES W., JR. & JUDY MERCER	4-8/16
17	MARY E. PERSINGER & JANET C. HUNNELL ET AL	4-5/54.1
18	MARSHALL CO AIRPORT AUTHORITY	4-5/54.3
19	BRADLEY C. RINE	4-5/52
20	*WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-5/55.2
21	WILLIAMS OHIO VALLEY MIDSTREAM LLC	4-5/51.2
22	ETHEL FAYE HOWE	4-5/51
23	SARAH J. KNABENSHUE ET AL	4-5/55
24	SARAH J. KNABENSHUE ET AL	4-5/56
25	CLEMENT R. & NANCY L. SHUTLER	4-5/56.3
26	CLEMENT R. SHUTLER ET UX	4-5/56.2
27	MARSHALL CO PUBLIC SER DIST 2	4-5/60.4
28	SIDNEY L. RAPER ET UX	4-5/60
29	ROCKY LEE DOBBS	4-5/60.2
30	DANIEL E. HOLMES	4-5/60.3
31	DANIEL E. HOLMES	4-5/60.1
32	WOOD FAMILY TRUST	4-5/19
33	JOHN A. & TIFFANY ROBBINS	4-5/19.7
34	JOHN A. & TIFFANY ROBBINS	4-5/19.9
35	CURTIS G. & SHERRI A. MASON	4-5/19.8
36	*BARBARA A. LUSK	4-5/20.2
37	*BARBARA A. LUSK	4-5/20.6

02/22/2019



* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

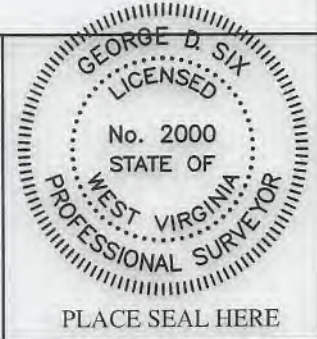
SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413557.80 E:524112.85	UTM 17-NAD83(M) N:4413140.70 E:523084.02	UTM 17-NAD83(M) N:4415580.50 E:520631.59
NAD83, WV NORTH N:501943.510 E:1626639.600	NAD83, WV NORTH N:500631.220 E:1623240.610	NAD83, WV NORTH N:508771.940 E:1615326.770



FILE #: HICKS M19H
 DRAWING #: HICKS M19H
 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



DATE: OCTOBER 24, 2018
 OPERATOR'S WELL #: HICKS M19H
 API WELL #: 47 51 02166 WGA
 STATE COUNTY PERMIT

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±

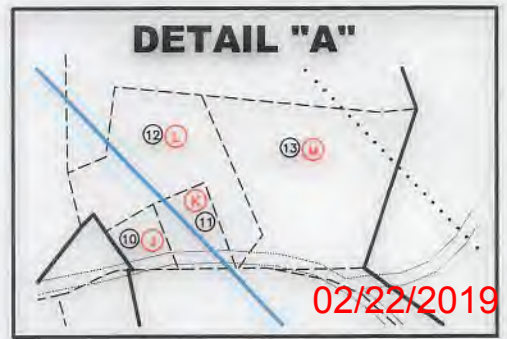
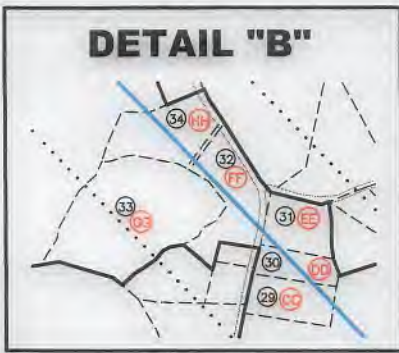
OIL & GAS ROYALTY OWNER: CHRISTA DAWN HICKS ET AL ACREAGE: 881.944±

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: 19,478.48'±

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

HICKS M19H PAGE 2 OF 4

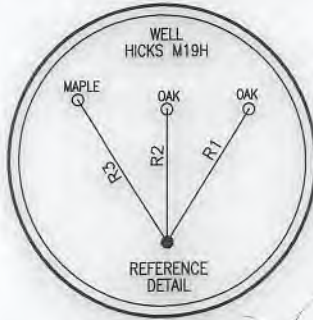


02/22/2019

LINE	BEARING	DISTANCE
R1	N 31°54'29" E	147.29'
R2	N 00°04'08" W	124.03'
R3	N 32°37'17" W	157.95'
R4	N 16°05'40" W	1336.89'
R5	N 35°21'15" E	1066.45'
R6	S 03°43'28" W	1113.08'

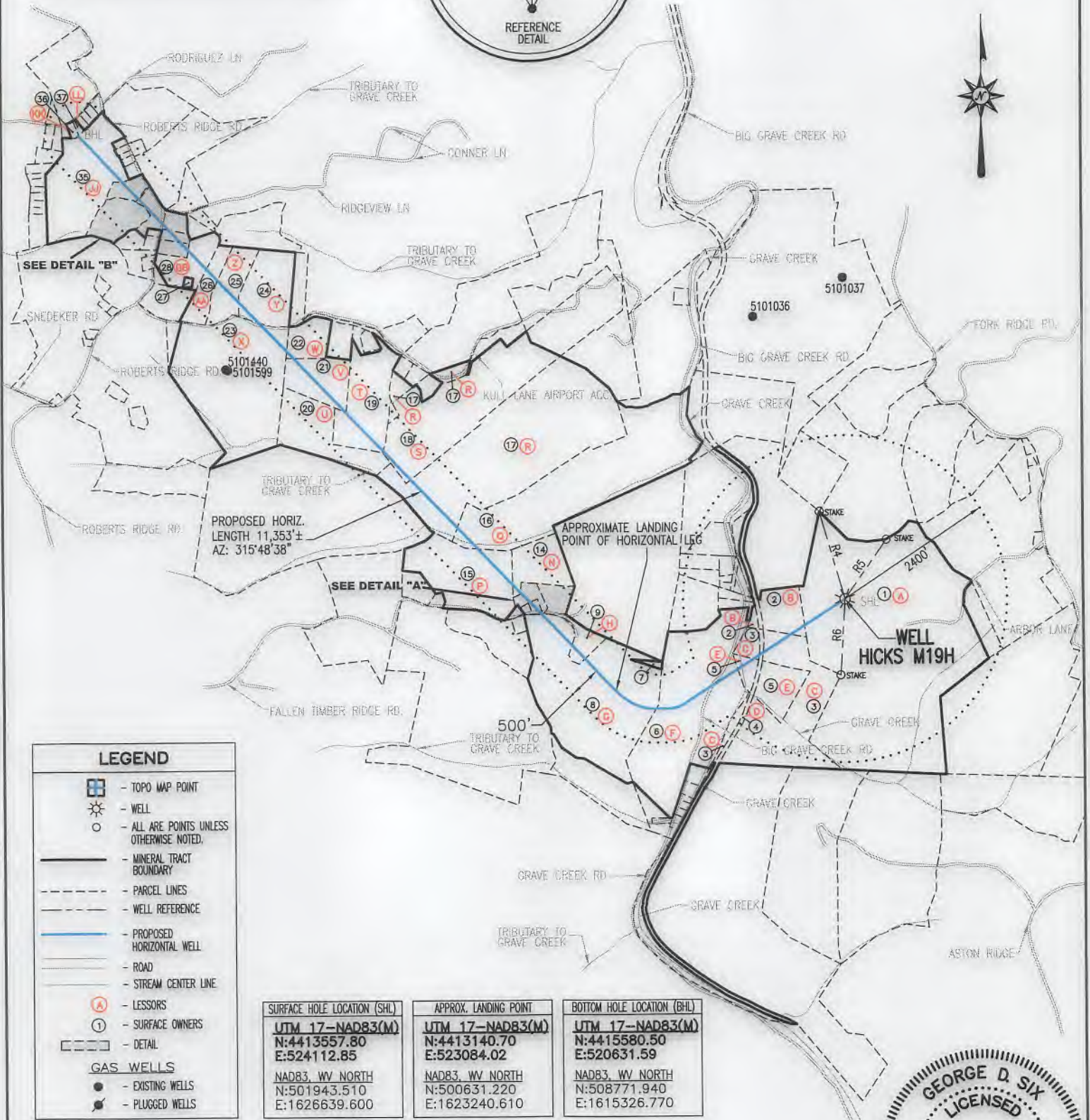
WELL PAD ORIENTATION DETAIL			
M01H	U14H	M15H	U20H
M02H	U15H	M16H	U21H
M03H	U16H	M17H	U22H
M04H	U17H	M18H	U23H
M05H	U18H	M19H	U24H
M06H	U19H	M20H	U25H
M07H	M21H	M22H	U26H

N.T.S.



NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
3. There are no native trout streams within 300' of proposed well.
4. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
5. 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.
6. There are no existing buildings within 625' of proposed well.



PROPOSED HORIZ.
LENGTH 11,353'±
AZ: 315°48'38"

APPROXIMATE LANDING
POINT OF HORIZONTAL LEG

WELL
HICKS M19H

LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL REFERENCE
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
	- LESSORS
	- SURFACE OWNERS
	- DETAIL
GAS WELLS	
	- EXISTING WELLS
	- PLUGGED WELLS

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4413557.80 E:5241112.85
NAD83, WV NORTH N:501943.510 E:1626639.600

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UTM 17-NAD83(M) N:4415580.50 E:520631.59
NAD83, WV NORTH N:508771.940 E:1615326.770

OCTOBER 24, 2018



Blue Mountain
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

George D. Six

HICKS M19H PAGE 3 OF 4

02/22/2019

	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS ET AL	4-8/37
B	SIDNEY P. POND ET UX	4-8/36.1
C	LILLIE LAVERN GAREY	4-8/36
D	CNX GAS COMPANY LLC	4-8/39
F	SIDNEY P. POND ET UX	4-8/36.2
F	MABEL J. WILLIAMS	4-8/23
G	BONAR FAMILY IREV TRST DTD 2/12/2009	4-8/18
H	HENRY ASTON ET UX	4-8/18.1
J	*LEO GAMBLE	4-8/17.1
	*BILLIE D. BRENNAN	
	*BARBARA RIGGLE	
	*NOREEN G. MILLER ET VIR	
	*ANNE LONG HAND ET VIR	
	*JOHN M. GAMBLE	
	*MARGARET M. VERRALL	
	*LARRY MCCULLOUGH	
	*MARK CARTER GAMBLE	
	*CHARLES PAUL GAMBLE ET UX	
	*CLARICE BURT	
	*DONALD CARMICHAEL	
	*JANE ANN DAY	
	*PEGGY FILLMORE	
	*BILLIE JO GARNER	
	*ARDITH HOLMES	
	*ELEANOR HOLMES	
	*GENE LAWSON HOLMES	
	*JANICE A. HOLMES	
	*MARY HOLMES	
	*MITCHELL R. HOLMES	
	*RONALD LEMOYNE HOLMES	
	*TIM HOLMES	
	*VIRGINIA HOLMES	
	*MYRNA LOUANN HOLSTINE	
	*LYLA LORRAINE HUBBS	
	*BONNIE LIBRIZZI	
	*MARY LOUISE LIPSKY	
	*KAREN V. MAAS	
	*VERA MARIE MIDCAP	
	*MAVARENE L. REDD	
	*EULA RICHARDS BY AIF CAROLYN THOMPSON	
	*HELEN M. RINE	
	*MARILYN LAVONDA RULONG	
	*VIOLET P. STANDIFORD	
	*CHRISTINE A. CIOCCIA	
	*SHIRLEY DULANEY	
	*WILLIAM EARNEST	
	*JANE ANN GAMBLE	
	*JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	*HOWARD MCCARDLE	
	*JOAN MILLIKEN	
	*SHERWIN LEE RUCKMAN	
	*BOBBIE JO STARK	
	*BELINDA S. WEST	
	*MARY ELLEN WHIPKEY	
	*ROBIN WILLIAMS	
	*LLOYD ELWOOD HOLMES	
	*RALPH HOYT ET UX	
K	LEO GAMBLE	4-8/17.2
	BILLIE D. BRENNAN	
	BARBARA RIGGLE	
	NOREEN G. MILLER ET VIR	
	ANNE LONG HAND ET VIR	
	JOHN M. GAMBLE	
	MARGARET M. VERRALL	
	LARRY MCCULLOUGH	
	MARK CARTER GAMBLE	
	CHARLES PAUL GAMBLE ET UX	
	CLARICE BURT	
	DONALD CARMICHAEL	
	JANE ANN DAY	
	PEGGY FILLMORE	
	BILLIE JO GARNER	
	ARDITH HOLMES	
	ELEANOR HOLMES	
	GENE LAWSON HOLMES	
	JANICE A. HOLMES	
	MARY HOLMES	
	MITCHELL R. HOLMES	

	LESSOR	DIST-TM/PAR
K	RONALD LEMOYNE HOLMES	4-8/17.2
	TIM HOLMES	
	VIRGINIA HOLMES	
	MYRNA LOUANN HOLSTINE	
	LYLA LORRAINE HUBBS	
	BONNIE LIBRIZZI	
	MARY LOUISE LIPSKY	
	KAREN V. MAAS	
	VERA MARIE MIDCAP	
	MAVARENE L. REDD	
	EULA RICHARDS BY AIF CAROLYN THOMPSON	
	HELEN M. RINE	
	MARILYN LAVONDA RULONG	
	VIOLET P. STANDIFORD	
	CHRISTINE A. CIOCCIA	
	SHIRLEY DULANEY	
	WILLIAM EARNEST	
	JANE ANN GAMBLE	
	JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	HOWARD MCCARDLE	
	JOAN MILLIKEN	
	SHERWIN LEE RUCKMAN	
	BOBBIE JO STARK	
	BELINDA S. WEST	
	MARY ELLEN WHIPKEY	
	ROBIN WILLIAMS	
	LLOYD ELWOOD HOLMES	
	AMBER R. CLARK	
L	LEO GAMBLE	4-8/17.3
	BILLIE D. BRENNAN	
	BARBARA RIGGLE	
	NOREEN G. MILLER ET VIR	
	ANNE LONG HAND ET VIR	
	JOHN M. GAMBLE	
	MARGARET M. VERRALL	
	LARRY MCCULLOUGH	
	MARK CARTER GAMBLE	
	CHARLES PAUL GAMBLE ET UX	
	CLARICE BURT	
	DONALD CARMICHAEL	
	JANE ANN DAY	
	PEGGY FILLMORE	
	BILLIE JO GARNER	
	ARDITH HOLMES	
	ELEANOR HOLMES	
	GENE LAWSON HOLMES	
	JANICE A. HOLMES	
	MARY HOLMES	
	MITCHELL R. HOLMES	
	RONALD LEMOYNE HOLMES	
	TIM HOLMES	
	VIRGINIA HOLMES	
	MYRNA LOUANN HOLSTINE	
	LYLA LORRAINE HUBBS	
	BONNIE LIBRIZZI	
	MARY LOUISE LIPSKY	
	KAREN V. MAAS	
	VERA MARIE MIDCAP	
	MAVARENE L. REDD	
	EULA RICHARDS BY AIF CAROLYN THOMPSON	
	HELEN M. RINE	
	MARILYN LAVONDA RULONG	
	VIOLET P. STANDIFORD	
	CHRISTINE A. CIOCCIA	
	SHIRLEY DULANEY	
	WILLIAM EARNEST	
	JANE ANN GAMBLE	
	JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	HOWARD MCCARDLE	
	JOAN MILLIKEN	
	SHERWIN LEE RUCKMAN	
	BOBBIE JO STARK	
	BELINDA S. WEST	
	MARY ELLEN WHIPKEY	
	ROBIN WILLIAMS	
	LLOYD ELWOOD HOLMES	
	DEAN HOYT ET UX	

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4413557.80 E:524112.85
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OCTOBER 24, 2018

HICKS

M19H

PAGE 4 OF 4

02/27/2019

	LESSOR	DIST-TM/PAR
M	*LEO GAMBLE	4-8/17.4
	*BILLIE D. BRENNAN	
	*BARBARA RIGGLE	
	*NOREEN G. MILLER ET VIR	
	*ANNE LONG HAND ET VIR	
	*JOHN M. GAMBLE	
	*MARGARET M. VERRALL	
	*LARRY MCCULLOUGH	
	*MARK CARTER GAMBLE	
	*CHARLES PAUL GAMBLE ET UX	
	*CLARICE BURT	
	*DONALD CARMICHAEL	
	*JANE ANN DAY	
	*PEGGY FILLMORE	
	*BILLIE JO GARNER	
	*ARDITH HOLMES	
	*ELEANOR HOLMES	
	*GENE LAWSON HOLMES	
	*JANICE A. HOLMES	
	*MARY HOLMES	
	*MITCHELL R. HOLMES	
	*RONALD LEMOYNE HOLMES	
	*TIM HOLMES	
	*VIRGINIA HOLMES	
	*MYRNA LOUANN HOLSTINE	
	*LYLA LORRAINE HUBBS	
	*BONNIE LIBRIZZI	
	*MARY LOUISE LIPSKY	
	*KAREN V. MAAS	
	*VERA MARIE MIDCAP	
	*MAVARENE L. REDD	
	*EULA RICHARDS BY AIF CAROLYN THOMPSON	
	*HELEN M. RINE	
	*MARILYN LAVONDA RULONG	
	*VIOLET P. STANDIFORD	
	*CHRISTINE A. CIOCCIA	
	*SHIRLEY DULANEY	
	*WILLIAM EARNEST	
	*JANE ANN GAMBLE	
	*JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	*HOWARD MCCARDLE	
	*JOAN MILLIKEN	
	*SHERWIN LEE RUCKMAN	
	*BOBBIE JO STARK	
	*BELINDA S. WEST	
	*MARY ELLEN WHIPKEY	
	*ROBIN WILLIAMS	
	*LLOYD ELWOOD HOLMES	
	*RONALD STROPE ET UX	
N	CAROL JORDAN	4-8/15
P	MYRON BERISFORD ET UX	4-8/12
Q	SANDRA KAY WARNER	4-8/16
	PATSY SUE BAYHA	
	HALLIE LU PETERSON	
	LUCRETIA LEE	
	DELLA K. BOONE	
	DENNIS PARSONS	
	DR. CASPER E. CLINE	
	CHARLOTTE L. STROMSLAND	
R	JOHN L. FOX	4-5/54.1
	KAREN M. FOX	
	CHRISTI F. PRESTON	
	JOHN L. FOX, II	
	CYNTHIA S. HAMILTON	
	DOROTHY A. ARGENTA	
	JOAN E. KRESS	
	WILLIAM P. ARGENTA	
	PAUL T. ARGENTA	
	MARY E. PERSINGER	
	JANET C. HUNNELL	
	MICHAEL PERSINGER	
	BETH BLAKE	
	KAREN FOX EVANS	
	WILLIAM B. FOX	
	LINDA SMITH	
	ANN MILLER	

	LESSOR	DIST-TM/PAR
S	JOHN LEONARD FOX	4-5/54.3
	KAREN M. FOX	
	CHRISTI F. PRESTON	
	JOHN L. FOX, II	
	CYNTHIA S. HAMILTON	
	DOROTHY A. ARGENTA	
	JOAN E. KRESS	
	WILLIAM P. ARGENTA	
	PAUL T. ARGENTA	
	MARY E. PERSINGER	
	JANET C. HUNNELL	
	MICHAEL PERSINGER	
	BETH BLAKE	
	KAREN FOX EVANS	
	BRAD FOX	
	LINDA S. SMITH	
	ANN MILLER	
T	LINDSEY E. RACKLEY	4-5/52
	ERIC HATHAWAY ET UX	
	ERINE HATHAWAY	
	NANCY D. RACKLEY ET VIR	
	KIMBERLY HATHAWAY GOBLE ET VIR	
	GARY LEE HATHAWAY ET UX	
	JUDITH KULL TRST DTD 7/31/1985	
	ELIZABETH G. KULL REV TRST DTD 10/21/1997	
	DOROTHY SEDOSKY	
	GENE DAKAN ET UX	
	DOLLYE GUZEK ET VIR	
U	*HOWARD BONAR CONNER, ET AL	4-5/55.2
V	LINDSEY E. RACKLEY	4-5/51.2
W	LINDSEY E. RACKLEY	4-5/51
	ERIC HATHAWAY ET UX	
	ERINE HATHAWAY	
	NANCY D. RACKLEY ET VIR	
	KIMBERLY HATHAWAY GOBLE ET VIR	
	GARY LEE HATHAWAY ET UX	
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	DOROTHY SEDOSKY	
	GENE DAKAN ET UX	
	DOLLYE GUZEK ET VIR	
X	HOWARD BONAR CONNER ET AL	4-5/55
Y	HOWARD E. CONNER ET AL	4-5/56
Z	CLEMENT R. SHUTLER ET UX	4-5/56.3
AA	CLEMENT R. SHUTLER ET UX	4-5/56.2
BB	SIDNEY L. RAPER	4-5/60
CC	ERIC HATHAWAY, ET UX	4-5/60.2
	ERINE HATHAWAY	
	NANCY D. RACKLEY, ET VIR	
	KIMBERLY HATHAWAY GOBLE, ET VIR	
	GARY LEE HATHAWAY, ET UX	
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	DOROTHY SEDOSKY	
	GENE DAKAN ET UX	
	DOLLYE GUZEK, ET VIR	
	RUSSELL A. MCCLURE, ET UX	
DD	DANIEL E. HOLMES	4-5/60.3
EE	DANIEL E. HOLMES	4-5/60.1
FF	SAMUEL J. WOOD ET UX	4-5/19
GG	MELISA ANN FECAT/DANIEL J. FECAT	4-5/19.7
HH	MELISA ANN FECAT	4-5/19.9
JJ	CURTIS G. MASON ET UX	4-5/19.8
KK	*GREGORY LUSK, ET UX	4-5/20.2
LL	*GREGORY LUSK, ET UX	4-5/20.6

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