

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

RECEIVED  
Office of Oil and Gas

DEC 09 2021

API 47-051-01900 County Marshall District Clay WV Department of Environmental Protection  
Quad Glen Easton 7.5' Pad Name Hicks Field/Pool Name N/A  
Farm name Thomas E Hicks Well Number Hicks M04H  
Operator (as registered with the OOG) EQT CHAP LLC  
Address 400 Woodcliff Drive City Canonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing 4,413,558.390 Easting 524,093.937  
Landing Point of Curve Northing 4,413,412.056 Easting 523,395.193  
Bottom Hole Northing 4,416,280.552 Easting 520,602.916

Elevation (ft) 1140' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)

Synthetic Oil Based Mud 12.5 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 02/23/2017 Date drilling commenced 10/18/2017 Date drilling ceased 06/25/2019  
Date completion activities began \_\_\_\_\_ Date completion activities ceased \_\_\_\_\_  
Verbal plugging (Y/N) N Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 405 Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1710 Void(s) encountered (Y/N) depths N  
Coal depth(s) ft 397, 678 Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

Reviewed by:

12/17/2021

# AS DRILLED PLAT

BHL is located on topo map 7,415 feet south of Latitude: 39° 55' 00"  
 SHL is located on topo map 1,211 feet south of Latitude: 39° 52' 30"

**SEE PAGE 2 AND 3 FOR SURFACE OWNERS AND LESSORS**

SEE DETAIL "A"

AS-DRILLED LOCATIONS UTM 17-WA083(N)
SURFACE HOLE LOCATION (SHL) N:4413558.390 E:524093.937
APPROX LANDING POINT (LP) N:4413412.056 E:523395.193
BOTTOM HOLE LOCATION (BHL) N:4416280.552 E:520602.916

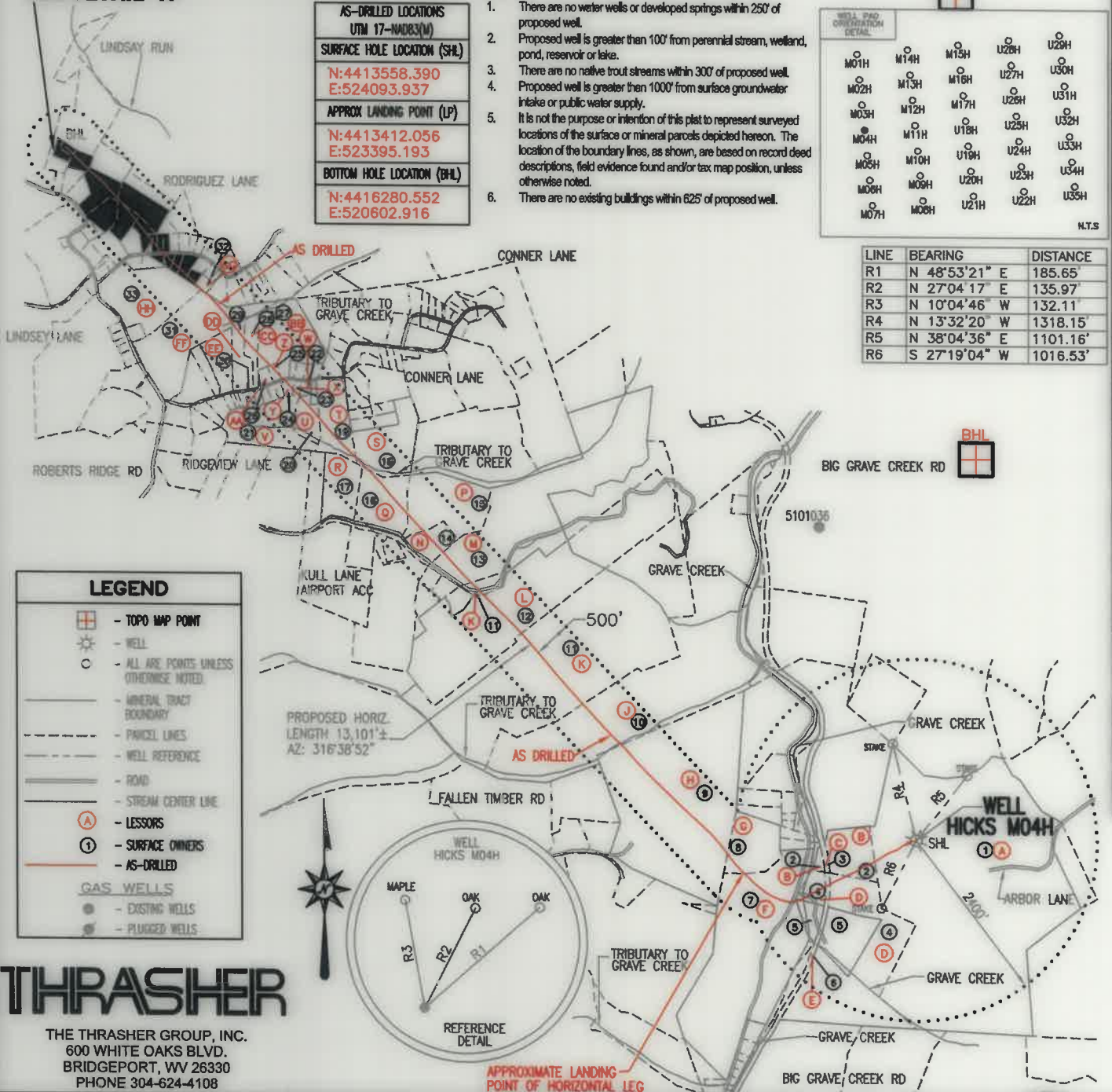
- NOTES:
- There are no water wells or developed springs within 250' of proposed well.
  - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
  - There are no native trout streams within 300' of proposed well.
  - Proposed well is greater than 1000' from surface groundwater intake or public water supply.
  - It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. 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.
  - There are no existing buildings within 625' of proposed well.

WELL PAD ORIENTATION DETAIL

M01H	M14H	M15H	U28H	U29H
M02H	M13H	M16H	U27H	U30H
M03H	M12H	M17H	U26H	U31H
M04H	M11H	U18H	U25H	U32H
M05H	M10H	U19H	U24H	U33H
M06H	M09H	U20H	U23H	U34H
M07H	M08H	U21H	U22H	U35H

N.T.S.

LINE	BEARING	DISTANCE
R1	N 48°53'21" E	185.65'
R2	N 27°04'17" E	135.97'
R3	N 10°04'46" W	132.11'
R4	N 13°32'20" W	1318.15'
R5	N 38°04'36" E	1101.16'
R6	S 27°19'04" W	1016.53'



BHL is located on topo map 2,591 feet west of Longitude: 80° 45' 00"  
 SHL is located on topo map 2,839 feet west of Longitude: 80° 42' 30"

**LEGEND**

- TOP MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- AS-DRILLED
- GAS WELLS
  - EXISTING WELLS
  - PLUGGED WELLS

## THRASHER

THE THRASHER GROUP, INC.  
 600 WHITE OAKS BLVD.  
 BRIDGEPORT, WV 26330  
 PHONE 304-624-4108

FILE #: HICKS M04H-AS DRILLED  
 DRAWING #: HICKS M04H-AS DRILLED  
 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: Joseph H. Lowther  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2346



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



DATE: DECEMBER 06, 2021  
 OPERATOR'S WELL #: HICKS M04H-AS DRILLED  
 API WELL #: 47 51 01900  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  Gas  Liquid Injection  Storage  Shallow  
 WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1173.77'  
 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: 842.407± **12/17/2021**  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION   
 PERFORATE NEW FORMATION  PLUG & ABANDON  CLEAN OUT & REPLUG  OTHER CHANGE   
 (SPECIFY): AS DRILLED

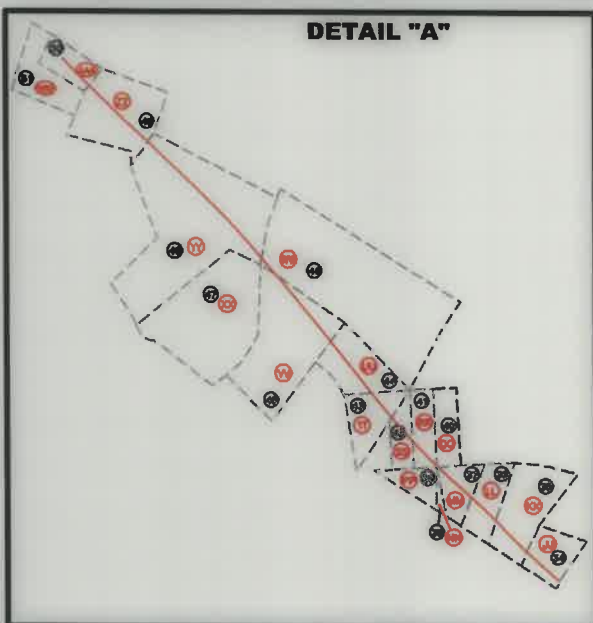
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,216'± TMD: 20,534'±  
 WELL OPERATOR EQT CHAP, LLC DESIGNATED AGENT JOSEPH C. MALLOW  
 Address 400 WOODCLIFF DRIVE Address 427 MIDSTATE DRIVE  
 City CANONSBURG State PA Zip Code 15317 City CLARKSBURG State WV Zip Code 26301

# HICKS M04H PAGE 2 OF 3

AS DRILLED PLAT

	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	VICKIE L. & SIDNEY P. POND	4-8/36.1
3	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-8/39
4	LILLIE LAVERN GAREY	4-8/36
5	SIDNEY P. PONDS, ET UX.	4-8/36.2
6	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-12/25
7	MABEL JUANITA WILLIAMS	4-8/23
8	RICHARD E. LITMAN, JR.	4-8/23.4
9	HENRY W. & LINDA M. ASTON - LIFE	4-8/17
10	CHARLES W. JR. & JUDY MERCER	4-8/16
11	MARY E. & JANET C. PERSINGER	4-5/54.1
12	MARSHALL CO AIRPORT AUTHORITY	4-5/54.3
13	LENNE J. CURITTI ET UX	4-5/54.5
14	BRADLEY C. RINE	4-5/53
15	BRADLEY C. RINE	4-5/50.5
16	TRACIE L. NELSON	4-5/50.6
17	*GEOFFREY ERIC HOWE	4-5/50
18	ROGER W. GATTS ET UX	4-5/50.2
19	ELDWIN O. & MARY L. RINE	4-5/50.3
20	ROBERT D. BLAKE	4-5/57.2
21	SETH C. WEEKLY	4-5/57.1
22	*RONALD DINSMORE MASON ET UX	4-5B/11
23	RONALD DINSMORE & BARBARA ANN MASON	4-5B/10
24	RONALD DINSMORE & BARBARA ANN MASON	4-5B/9
25	PHILIP E. FAHNESTOCK ET UX	4-5/30.4
26	*JERRY C. HEDRICK ET UX	4-5/30.3
27	JEREMY S. ADKINS	4-5/30
28	TIMOTHY L. MCGINNIS, JR.	4-5/29
29	ROD L. & RENEE M. MCKEEBE	4-5/28
30	*JAMES H. ALLEN - LIFE	4-5/26
31	LOREN F. CECIL ET UX - LIFE	4-5/24
32	ODONNELL FAMILY TRUST C/O JOHN & JANICE O'DONNELL	4-2/52.7
33	LOREN F. CECIL ET UX - LIFE	4-5/21
34	MICHAEL L. O'DONNELL ET UX	4-2/52.6
35	MICHAEL L. O'DONNELL ET UX	4-2/52.5
36	FAYE MOFFITT	4-5/23.3
37	FAYE MOFFITT	4-5/23
38	*DONALD R. MOFFITT ET UX	4-5/23.2
39	*DONALD R. MOFFITT ET UX	4-5/23.1
40	MATTHEW LOUIS MILLER ET UX	4-2A/6
41	RANDY P. HEWITT	4-2A/7
42	MICHAEL B. & LORI A. JONES	4-2A/8
43	LOGAN C. JARRETT	4-2/29.1
44	LOGAN C. JARRETT	4-2/29.3
45	ROGER M. LONG & CHERI L. WILSON	4-2/29.11
46	*RANDALL S. & CRYSTAL L. MOWDER	4-2/29.12
47	STEVEN D. TERRY	4-2/29.10
48	STEVE TERRY	4-2/29
49	MARY C. MCCRAY	4-2/38.3
50	RICHARD M. KLUG ET UX - LIFE	4-2/38.2
51	*RICHARD M. KLUG - LIFE	4-2/38.6

	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS, ET AL.	4-8/37
B	SIDNEY P. POND, ET UX.	4-8/36.1
C	CNX GAS COMPANY	4-8/39
D	LILLIE LAVERN GAREY	4-8/36
E	CNX GAS COMPANY, LLC.	4-12/25
F	MABEL J. WILLIAMS	4-8/23
G	RICHARD E. LITMAN, ET UX.	4-8/23.4
H	HENRY ASTON, ET UX.	4-8/17
	LEO GAMBLE	
	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	
	BOBBI JO STARK	
	BELINDA S. WEST	
	MARY ELLEN WHIPKEY	
	ROBIN WILLIAMS	
	LLOYD ELWOOD HOLMES	
J	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	
K	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	
L	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	



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N:4413558.390
E:524093.937
APPROX LANDING POINT (LP)
N:4413412.056
E:523395.193
BOTTOM HOLE LOCATION (BHL)
N:4416280.552
E:520602.916

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\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

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DECEMBER 06, 2021

# HICKS M04H PAGE 3 OF 3

AS DRILLED PLAT

	LESSOR	DIST-TM/PAR
M	JOHN L. FOX	4-5/54.5
	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	
N	LINDSEY E. RACKLEY	4-5/53
	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.	
P	LINDSEY E. RACKLEY	4-5/50.5
	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.	
Q	LINDSEY E. RACKLEY	4-5/50.6
	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.	
R	*LINDSEY E. RACKLEY	4-5/50
	*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.	
S	ROGER W. GATTS, ET UX.	4-5/50.2
T	HENRY ASTON, ET UX.	4-8/17
	LEO GAMBLE	
	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	
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	VIRGINIA HOLMES	
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	JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
	HOWARD MCCARDLE	
JOAN MILLIKEN		
SHERWIN LEE RUCKMAN		
BOBBI JO STARK		
BELINDA S. WEST		
MARY ELLEN WHIPKEY		
ROBIN WILLIAMS		
LLOYD ELWOOD HOLMES		

	LESSOR	DIST-TM/PAR
U	ROBERT BLAKE, ET UX.	4-5/57.2
V	SETH C. WEEKLY, ET UX.	4-5/57.1
W	*RONALD MASON, ET UX.	4-5B/11
X	RONALD MASON, ET UX.	4-5B/10
Y	RONALD MASON, ET UX.	4-5B/9
Z	BARBARA LEE FAHNESTOCK	4-5/30.4
AA	*JERRY HEDRICK, ET UX.	4-5/30.3
BB	TOBI JO FAHNESTOCK	4-5/30
	MICHAEL JASON FAHNESTOCK	
	JOHN ROGER FAHNESTOCK	
	DONALD LEROY FAHNESTOCK	
	ALISHA JO KENDRICK	
	BOBBI JO STRICKLAND	
CC	TIMOTHY L. MCGINNIS, JR.	4-5/29
DD	ROD L. MCKEEBE, ET UX.	4-5/28
EE	*JAMES ALLEN, ET UX.	4-5/26
FF	LOREN CECIL, ET AL.	4-5/24
GG	O'DONNELL FAMILY TRUST DATED MAY 21ST, 2014	4-5/52.7
HH	LOREN CECIL, ET AL.	4-5/21
JJ	MICHAEL L. O'DONNELL, ET AL.	4-2/52.6
KK	MICHAEL L. O'DONNELL, ET AL.	4-2/52.5
LL	FAYE MOFFITT	4-5/23.3
MM	FAYE MOFFITT	4-5/23
NN	*DONALD R. MOFFITT, ET UX.	4-5/23.2
PP	*DONALD R. MOFFITT, ET UX.	4-5/23.1
QQ	MATTHEW L. MILLER, ET UX.	4-2A/6
RR	RANDY P. HEWITT	4-2A/7
SS	MICHAEL B. JONES, ET UX	4-2A/8
TT	BETTY RUTH BOSO	4-2/29.1
	ALBERT ELMER CAIN	
	BRENDA E. WADE	
	DIANA DELORES NOVEL	
	CECELIA C. CECIL	
	CHARLES H. HALL	
UU	CATHEY L. ATAMANIUK	4-2/29.3
	LAWRENCE YOHO, ET UX.	
	ROGER M. LONG, ET UX.	
	*RANDALL S. MOWDER, ET UX.	
	STEVEN DONALD TERRY	
	RAYLYN DEVELOPMENT INC.	
XX	MARY C. MCCRAY	4-2/38.3
YY	RICHARD M. KLUG	4-2/38.2
ZZ	*RICHARD M. KLUG	4-2/38.6

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