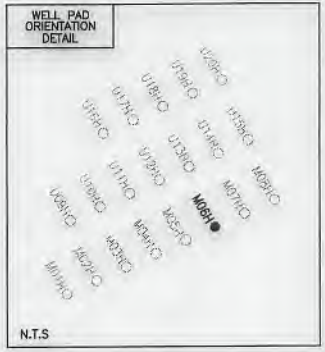


FREELAND M06H PAGE 2 OF 4

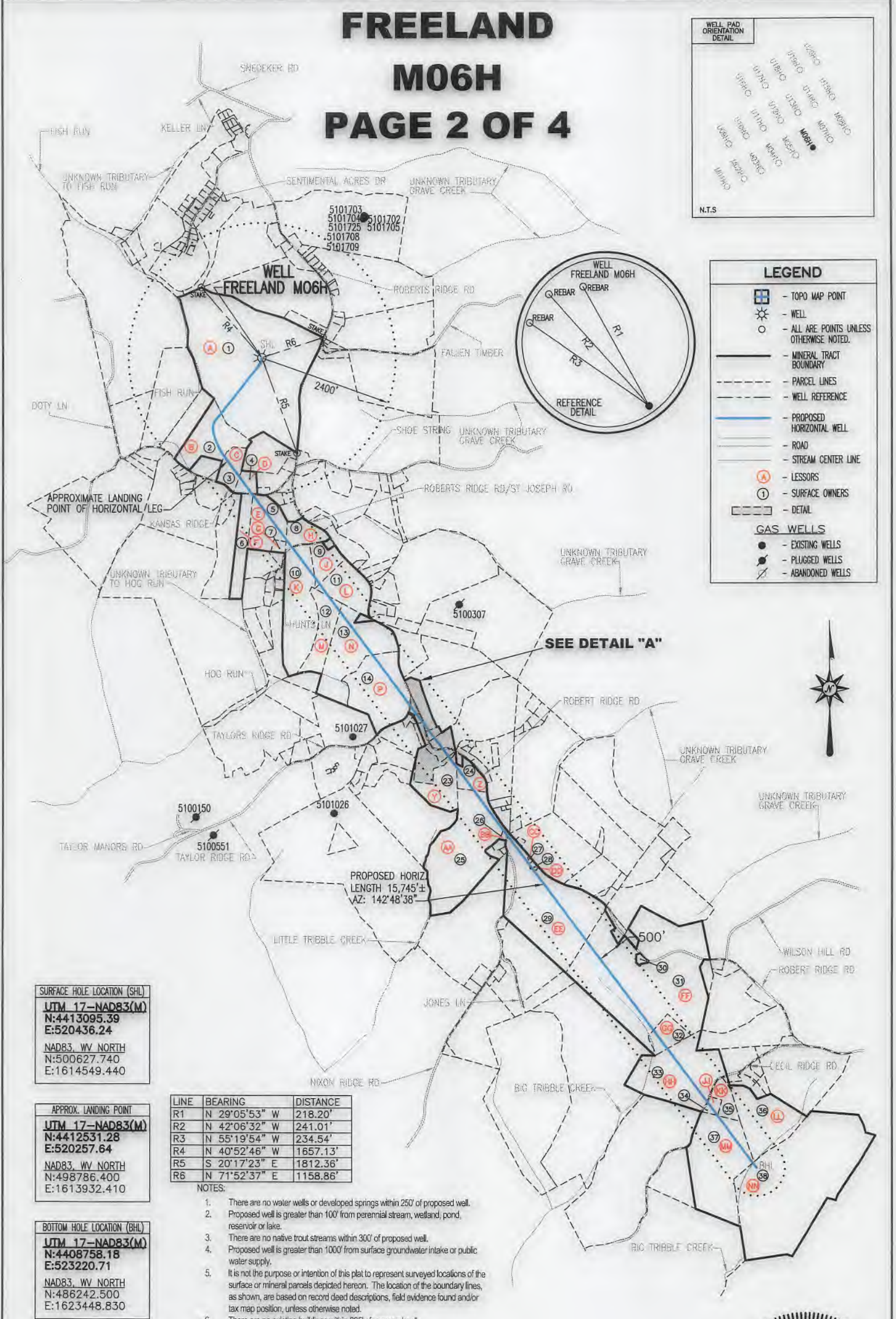
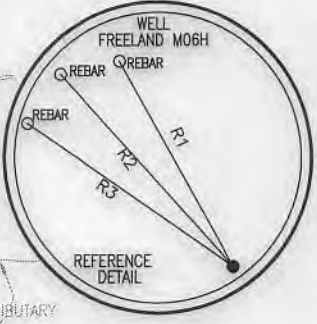


LEGEND

- 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
- ABANDONED WELLS



SEE DETAIL "A"

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4413095.39
 E:520436.24
 NAD83, WV NORTH
 N:500627.740
 E:1614549.440

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4412531.28
 E:520257.64
 NAD83, WV NORTH
 N:498786.400
 E:1613932.410

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4408758.18
 E:523220.71
 NAD83, WV NORTH
 N:486242.500
 E:1623448.830

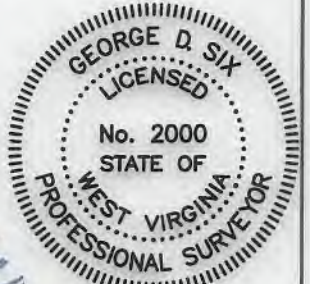
LINE	BEARING	DISTANCE
R1	N 29°05'53" W	218.20'
R2	N 42°06'32" W	241.01'
R3	N 55°19'54" W	234.54'
R4	N 40°52'46" W	1657.13'
R5	S 20°17'23" E	1812.36'
R6	N 71°52'37" E	1158.86'

- 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 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.
 - There are no existing buildings within 625' of proposed well.

API WELL #: 47 51 *02151M00*
 STATE COUNTY PERMIT

THRASHER

OCTOBER 17, 2019



George D. Six

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7831

BHL is located on topo map 1,760 feet south of Latitude: 39° 50' 00"
 SHL is located on topo map 2,677 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL



BHL



SHL

SEE PAGE 3 & 4 FOR LESSORS

	SURFACE OWNER	DIST-TM/PAR
1	JOSEPH L. FREELAND ET UX	4-7/21
2	BIBIANA DERROW ET UX	4-7/32
3	CARRIE ANN MASON	4-7/32.3
4	MARK A. & NORMA S. ROBINSON	4-7/31.2
5	PHILLIP JONES ET UX	4-13/7
6	SHAWN T. DANAHEY ET UX	4-13/4.2
7	*CHRISTY L. MCCLELLAND	4-13/7.1
8	GREG ELWOOD BASSETT	4-13/19
9	IMOGENE WHITFIELD - LIFE	4-13/20
10	IMOGENE WHITFIELD - LIFE	4-13/21
11	IMOGENE WHITFIELD - LIFE	4-13/22
12	IMOGENE WHITFIELD - LIFE	4-13/23
13	LINDA LEE WILLIAMS - TOD	4-13/25.1
14	LLOYD BAKER	4-13/25.2
15	JASON K. AMOS	4-13/25.4
16	DEAN E. PETTIT ET UX	5-3/34
17	FRANKLIN J. WILLIAMS II	5-3/35
18	PAUL E. JR. BARLOW ET UX	5-3/33
19	JIMMIE REGIEC ET UX	4-13/25.5
20	ROBERT L. JONES JR.	4-13/29.1
21	LOYE A. BLAKE SR., EST	5-3/32.2
22	KEITH A. & STACY HILL	5-3/32.10
23	JOHN ROBERT HILL ET UX - LIFE	5-3/32.4
24	RALPH A. & ROBIN R. HOLMES	5-3/6.1
25	JEFFREY A. SZAFRAN	5-3/6
26	DOUG & TERRI ALLMAN	5-3/6.3
27	*CHARLENE L. BAKER	5-3/10.2
28	CHARLENE LORRAINE BAKER	5-3/10.1
29	RAYMOND L. & DOROTHY L. MIDCAP	5-3/10
30	TRACY MERCER	5-3/13.2
31	DOUGLAS G. & MICHAEL W. & STEPHEN S. DERROW EST	5-3/13
32	MICHAEL WILLIAM DERROW	5-3/13.4
33	GLEN L. CUNNINGHAM ET UX	5-3/14
34	BRENT C. & SATONA L. CUNNINGHAM	5-3/15
35	KAINE O. HOWARD & ANGELA M. MCCOMBS	5-3/16
36	BERNARD A. STANLEY ET UX	5-3/21.2
37	BRENT C. CUNNINGHAM ET UX	5-3/22
38	CNX LAND RESOURCES INC	9-1/20.1

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

BHL is located on topo map 5,704 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 3,101 feet west of Longitude: 80° 45' 00"

THRASHER

CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7831

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M) N:4413095.39 E:520436.24
NAD83, WV NORTH N:500627.740 E:1614549.440

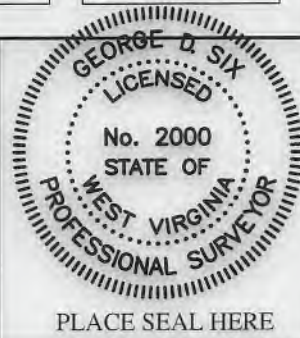
APPROX. LANDING POINT
UTM 17-NAD83(M) N:4412531.28 E:520257.64
NAD83, WV NORTH N:498786.400 E:1613932.410

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4408758.18 E:523220.71
NAD83, WV NORTH N:486242.500 E:1623448.830

FILE #: FREELAND M06H
 DRAWING #: FREELAND M06H
 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 17, 2019
 OPERATOR'S WELL #: FREELAND M06H
 API WELL #: 47 51
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1274.00'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN POINT, WV 7.5'

SURFACE OWNER: JOSEPH L. FREELAND ET UX ACREAGE: 104.22±

OIL & GAS ROYALTY OWNER: JOSEPH FREELAND ET UX ACREAGE: 681.933±

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: 6,369'± TMD: 22,850.98'±

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

FREELAND

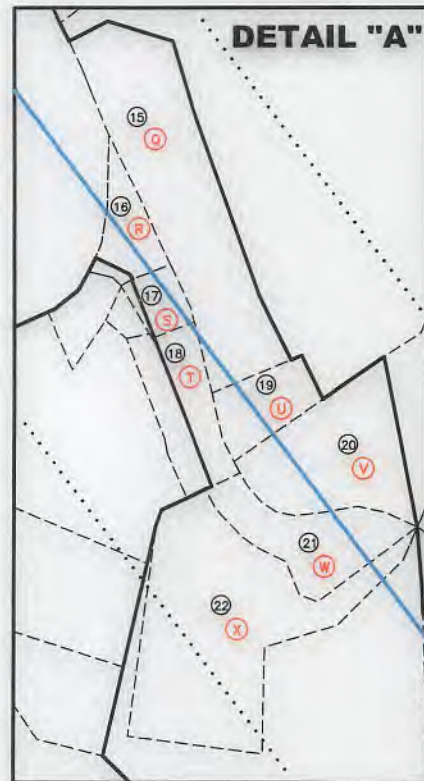
M06H

PAGE 3 OF 4

	LESSOR	DIST-TM/PAR
A	JOSEPH FREELAND ET UX	4-7/21
B	NORMAN L. DERROW ET UX	4-7/32
C	CARRIE ANN MASON	4-7/32.3
D	MARK A. ROBINSON	4-7/31.2
E	PHILLIP D. JONES ET UX	4-13/7
F	SHAWN T. DANAHEY ET UX	4-13/4.2
G	*CHAD W. MCCLELLAND ET UX	4-13/7.1
H	GREG E. BASSETT ET UX	4-13/19
J	IMOGENE WHITFIELD	4-13/20
K	IMOGENE WHITFIELD	4-13/21
L	IMOGENE WHITFIELD	4-13/22
M	IMOGENE WHITFIELD	4-13/23
N	CHARLES WILLIAMS ET UX	4-13/25.1
P	LLOYD G. BAKER	4-13/25.2
Q	JASON K. AMOS	4-13/25.4
R	DEAN E. PETTIT ET UX	5-3/34
S	FRANKLIN J. WILLIAMS II	5-3/35
T	PAUL E. BARLOW JR., ET UX	5-3/33
U	JIMMY REGIEC ET UX	4-13/25.5
V	ROBERT L. JONES JR., ET UX	4-13/29.1
W	BRIAN E. BLAKE	5-3/32.2
X	KEITH A. HILL	5-3/32.10
Y	CAROL ELLEN HILL	5-3/32.4
	MARK O. HILL	
	MELISSA J. DAVIS	
	KEITH A. HILL	
Z	DEAN ALAN STARKEY	5-3/6.1
	RALPH ALLEN HOLMES	
	JEFFREY D. ROBINSON UX	
	RANDY D. ROBINSON	
	MARK A. ROBINSON	
	BRIAN FURBEE	
	GREGORY D. FURBEE	
	MARSHA A. SINGER	
	EDMOND J. FURBEE	
	CHRISTOPHER G. FURBEE	
	MATTHEW R. FURBEE	
	MAUREEN C. COOPER	
	REXENA A. CUNNINGHAM	
	RICHARD CECIL ET UX	
	SHERRY L. MORRIS	
	WILLIAM R. POLEN	
	DEBBIE MAE MOORE	
	ETHEL E. STARKEY AKA ETHEL ELAINE STARKEY	
	CALLENE M. PETERSON FKA CALLENE M. STARKEY	
	REBECCA JEAN BROWN	
	PAULA J. ROHRER	
	MARLA K. STRUHAR	
	SARAH SISLEY FKA SARAH SALSBERY ET VIR	
	CARALOTTA J. GIBSON FKA CARALOTTA SALSBERY	
	JOHN M. SALSBERY BY JASON L. JACKSON GUARDIAN	
	DELLA J. COVERDALE ET UX	
	TRACY M. SALSBERY AKA TRACY SALSBERY	
	GINGER L. SALSBERY AKA GINGER SALSBERY	
	DALE A. SALSBERY AKA DALE ADORIN SALSBERY	
	JODIE R. MORRIS FKA JODIE SALSBERY	
	BARBARA L. MCGAHA	
	ELAINE M. KEENER	
	SHERRY KAY RISHER	
	SANDRA LEE KNAPSKI	
	BRENT LEE STARKEY	
	FORREST STARKEY ET UX	
	ANITA STANLEY FKA ANITA STARKEY	
	LINDA D. MAYO ET VIR	
	CAROL JEAN MALILKA ALBERT	
	SHARON L. SCHARTIGER	
	JANET SHADDICK	
	DUANE M. STARKEY ET UX	
	REGINA KAY ST GEORGE ET VIR	
	BETTY LOU STARKEY	
	PATTIE S. MADRID FKA PATTIE S. SPEAR	
AA	CHARLOTTE S. SZAFRAN	5-3/6
	JEFFREY A. SZAFRAN	
	JEFFREY D. ROBINSON UX	
	RANDY D. ROBINSON	
	MARK A. ROBINSON	
	DEAN ALAN STARKEY	

	LESSOR	DIST-TM/PAR
AA	BRIAN FURBEE	5-3/6
	GREGORY D. FURBEE	
	MARSHA A. SINGER	
	EDMOND J. FURBEE	
	CHRISTOPHER G. FURBEE	
	MATTHEW R. FURBEE	
	MAUREEN C. COOPER	
	REXENA A. CUNNINGHAM	
	RICHARD CECIL ET UX	
	SHERRY L. MORRIS	
	WILLIAM R. POLEN	
	DEBBIE MAE MOORE	
	ETHEL E. STARKEY AKA ETHEL ELAINE STARKEY	
	CALLENE M. PETERSON FKA CALLENE M. STARKEY	
	REBECCA JEAN BROWN	
	PAULA J. ROHRER	
	MARLA K. STRUHAR	
	SARAH SISLEY FKA SARAH SALSBERY ET VIR	
	CARALOTTA J. GIBSON FKA CARALOTTA SALSBERY	
	JOHN M. SALSBERY BY JASON L. JACKSON GUARDIAN	
	DELLA J. COVERDALE ET UX	
	TRACY M. SALSBERY AKA TRACY SALSBERY	
	GINGER L. SALSBERY AKA GINGER SALSBERY	
	DALE A. SALSBERY AKA DALE ADORIN SALSBERY	
	JODIE R. MORRIS FKA JODIE SALSBERY	
	BARBARA L. MCGAHA	
	ELAINE M. KEENER	
	SHERRY KAY RISHER	
	SANDRA LEE KNAPSKI	
	BRENT LEE STARKEY	
	FORREST STARKEY ET UX	
	ANITA STANLEY FKA ANITA STARKEY	
	LINDA D. MAYO ET VIR	
	CAROL JEAN MALILKA ALBERT	
	SHARON L. SCHARTIGER	
	JANET SHADDICK	
	DUANE M. STARKEY ET UX	
	REGINA KAY ST GEORGE ET VIR	
	BETTY LOU STARKEY	
	PATTIE S. MADRID FKA PATTIE S. SPEAR	

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413095.39 E:520436.24	UTM 17-NAD83(M) N:4412531.28 E:520257.64	UTM 17-NAD83(M) N:4408758.18 E:523220.71
NAD83, WV NORTH N:500627.740 E:1614549.440	NAD83, WV NORTH N:498786.400 E:1613932.410	NAD83, WV NORTH N:486242.500 E:1623448.830



* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

THRASHER

OCTOBER 17, 2019 API WELL #:

47

51

STATE

COUNTY

PERMIT

CIVIL- ENVIRONMENTAL- CONSULTING- FIELD SERVICES
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4106- FAX (304) 624-7831

FREELAND

M06H

PAGE 4 OF 4

	LESSOR	DIST-TM/PAR
BB	DEAN ALAN STARKEY	5-3/6.3
	TERRY D. MINEAR	
	JEFFREY D. ROBINSON UX	
	RANDY D. ROBINSON	
	MARK A. ROBINSON	
	BRIAN FURBEE	
	GREGORY D. FURBEE	
	MARSHA A. SINGER	
	EDMOND J. FURBEE	
	CHRISTOPHER G. FURBEE	
	MATTHEW R. FURBEE	
	MAUREEN C. COOPER	
	REXENA A. CUNNINGHAM	
	RICHARD CECIL ET UX	
	SHERRY L. MORRIS	
	WILLIAM R. POLEN	
	DEBBIE MAE MOORE	
	ETHEL E. STARKEY AKA ETHEL ELAINE STARKEY	
	CALLENE M. PETERSON FKA CALLENE M. STARKEY	
	REBECCA JEAN BROWN	
	PAULA J. ROHRER	
	MARLA K. STRUHAR	
	SARAH SISLEY FKA SARAH SALSBERY ET VIR	
	CARALOTTA J. GIBSON FKA CARALOTTA SALSBERY	
	JOHN M. SALSBERY BY JASON L. JACKSON GUARDIAN	
	DELLA J. COVERDALE ET UX	
	TRACY M. SALSBERY AKA TRACY SALSBERY	
	GINGER L. SALSBERY AKA GINGER SALSBERY	
	DALE A. SALSBERY AKA DALE ADORIN SALSBERY	
	JODIE R. MORRIS FKA JODIE SALSBERY	
	BARBARA L. MCGAHA	
	ELAINE M. KEENER	
	SHERRY KAY RISHER	
	SANDRA LEE KNAPSKI	
	BRENT LEE STARKEY	
	FORREST STARKEY ET UX	
	ANITA STANLEY FKA ANITA STARKEY	
	LINDA D. MAYO ET VIR	
	CAROL JEAN MALILKA ALBERT	
	SHARON L. SCHARTIGER	
	JANET SHADDICK	
	DUANE M. STARKEY ET UX	
	REGINA KAY ST GEORGE ET VIR	
	BETTY LOU STARKEY	
	PATTIE S. MADRID FKA PATTIE S. SPEAR	
CC	*DOROTHY L. MIDCAP	5-3/10.2
DD	CHARLENE LORRAINE BAKER	5-3/10.1
EE	DOROTHY L. MIDCAP	5-3/10
FF	MICHAEL WILLIAM DERROW	5-3/13
GG	MICHAEL WILLIAM DERROW	5-3/13.4
HH	GLENN L. CUNNINGHAM ET UX	5-3/14
JJ	BRENT C. CUNNINGHAM ET UX	5-3/15
KK	KAINE O HOWARD ET AL	5-3/16
LL	BERNARD A STANLEY ET UX	5-3/21.2

	LESSOR	DIST-TM/PAR
MM	BRENT C CUNNINGHAM ET UX	5-3/22
	GERALDINE ANNE BRACKEN	
	MARY LOU SNYDER	
	PATRICIA A PEARCE	
	ANDREA EVANS HORTON	
	MARY CATHERINE HOOD	
	BRADLEY R HIGGINS	
	TIMOTHY P EVANS	
	HEATHER NICOLE EVANS	
	FORREST MILLER	
	DELORES J MYERS	
	JOHN G CALVERT	
	BECKY OLIVER	
	GERALD WAYNE MARTIN	
	GARY DAVID ALLEN	
	MARTI JO MARTIN	
	HUGH LEROY JONES ET UX	
	KAROL LEE BABLE	
	WILLIAM SCOTT MILLER ET UX	
	GLADYS JANE BALDERSON	
	MARGARET ROBERTA DAVIS	
	JUDITH PEARCE	
	RICHARD DOUGLAS WAYT	
	RUTH ANN HARRIGAN	
	LINDA FAYE SCOLLUCK	
	GERALD C OLIVER	
	JOSEPH W OLIVER	
	JUDITH K SHARP	
	GERALD CLINTON OLIVER	
	WENDELL W JONES SR ET UX	
	CARL DUDLEY ALLEN ET UX	
	HOLLY K WAYT	
	JOHN D OLIVER	
	MIKE CHAMBERS	
	TED IANNARELLI ET UX	
	CARRIE LEE HENDERSON	
	JAMES A OLIVER	
	SUSAN MARIE MCGILL	
	MICHAEL A MAY	
	ROBERT LEO ALLEN	
	LAWRENCE MANNELLA ET UX	
	PEGGY MARTIN	
	MICHAEL G WHITE ET UX	
	DANIEL JOSEPH HAMMEL	
	DAVID ANTHONY HAMMEL SR	
	JAMES ROBERT EVANS SR	
	ELIZABETH S HUDSON	
	PAUL PATTERSON ET UX	
	RONALD L PATTERSON	
	HEATHER LEE DAVIS	
	JAMES PATTERSON	
NN	CNX GAS COMPANY LLC	9-1/20.1

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4413095.39
E:520436.24
NAD83, WV NORTH
N:500627.740
E:1614549.440

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4412531.28
E:520257.64
NAD83, WV NORTH
N:498786.400
E:1613932.410

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4408758.18
E:523220.71
NAD83, WV NORTH
N:486242.500
E:1623448.830

THRASHER

CIVIL ENVIRONMENTAL CONSULTING FIELD SERVICES
600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
PHONE (304) 624-4108 FAX (304) 624-7831

OCTOBER 17, 2019 API WELL #: 47 51 02151400

STATE COUNTY PERMIT