

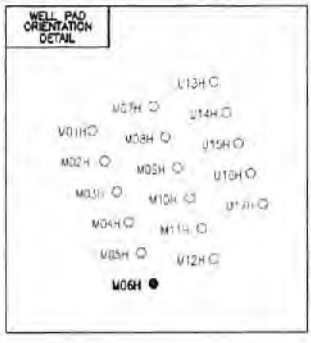
BHL is located on topo map 6,179 feet south of Latitude: 39° 57' 30"
 SHL is located on topo map 10,967 feet south of Latitude: 40° 00' 00"

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

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 intakes 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 recent deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
6. There are no existing buildings within 625' of proposed well.

LINE	BEARING	DISTANCE
R1	N 36°44'30" W	223.81'
R2	N 18°05'50" E	265.30'
R3	S 82°08'56" E	178.08'
R4	N 28°37'55" E	1295.51'
R5	S 75°02'48" E	1269.16'
R6	S 56°56'26" E	649.22'



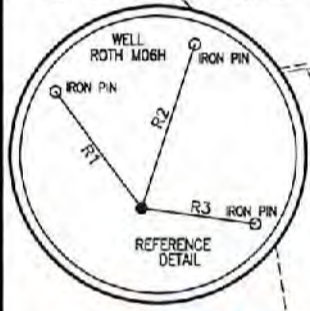
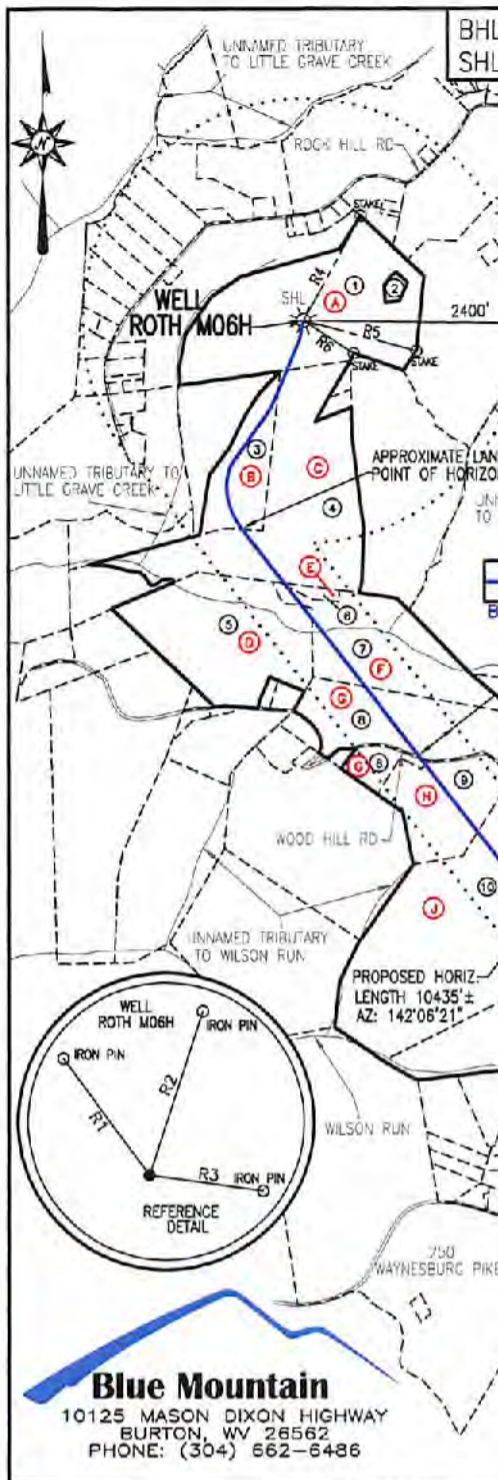
SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4424463.932
 E:527104.605
 NAD83, WV NORTH
 N:537567.948
 E:1637055.433

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4423780.79
 E:526912.16
 NAD83, WV NORTH
 N:535336.770
 E:1636386.430

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4421304.80
 E:528906.67
 NAD83, WV NORTH
 N:527102.330
 E:1642795.550

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
- GAS WELLS
- EXISTING WELLS
- PLUGGED WELLS



BHL is located on topo map 10,274 feet west of Longitude: 80° 37' 30"
 SHL is located on topo map 4,467 feet west of Longitude: 80° 40' 00"

Blue Mountain
 10125 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: ROTH M06H
 DRAWING #: ROTH 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

GEORGE D. SIX
 LICENSED
 No. 2000
 STATE OF
 WEST VIRGINIA
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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



DATE: JUNE 13, 2019
 OPERATOR'S WELL #: ROTH M06H
 API WELL #: 47 51 02254
 STATE COUNTY PERMIT

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

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1300.00'

COUNTY/DISTRICT: MARSHALL / UNION QUADRANGLE: MOUNDVILLE, WV 7.5'

SURFACE OWNER: FAYE E. ROTH ACREAGE: 65.487±

OIL & GAS ROYALTY OWNER: FAYE E. ROTH ACREAGE: 596.504±

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: 6,405'± TMD: 17,800'±

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

RECEIVED
 Office of Oil and Gas
 WV Department of Environmental Protection
 AUG 09 2019

ROTH M06H PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	FAYE E. ROTH	13-10/42
2	BRIAN K. & MELINDA D. MASTERS	13-10/42.1
3	GEORGE F. WEAVER 2002 LIVING TR	13-13/6
4	GEORGE F. WEAVER 2002 LIVING TR	13-13/7
5	MICHAEL E. MASON	14-4/5
6	GEORGE F. WEAVER 2002 LIVING TR	13-13/24
7	JEFFREY B. & BETTY LOU MASON	14-4/5.2
8	RONALD B. MASON	14-4/6
9	WESLEY J. MYERS ET UX	14-4/6.1
10	BRENT A. & AUDRA R. CONKLE	14-4/9
11	BRENT A. & AUDRA R. CONKLE	14-4/11
12	NATHAN N., JR. & MELISSA BURKETT	14-4/10
13	GEORGE E. BERTRAM ET UX	14-4/16
14	ROBERT CARTER DARWISH ET UX	14-4/16.3
15	ROBERT CARTER DARWISH ET UX	14-4/16.2
16	JEFFREY A. ROBBINS	14-4/35
17	JEFFREY A. ROBBINS	14-4/24
18	HELEN M. KOONTZ	14-4/34
19	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	14-5/43
20	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT	14-5/42

	LESSOR	DIST-TM/PAR
A	FAYE E. ROTH	13-10/42
B	WEAVER FAMILY FARM LP	13-13/6
	GEORGE F. WEAVER 2002 LIVING TRUST	
C	WEAVER FAMILY FARM LP	13-13/7
	GEORGE F. WEAVER 2002 LIVING TRUST	
D	MICHAEL E. MASON	14-4/5
E	WEAVER FAMILY FARM LP	13-13/24
	GEORGE F. WEAVER 2002 LIVING TRUST	
F	RONALD B. MASON	14-4/5.2
G	RONALD B. MASON	14-4/6
H	WESLEY J. MYERS ET UX	14-4/6.1
J	CHAMBERS FAM TRST DTS 10/4/2016	14-4/9
K	CHAMBERS FAM TRST DTS 10/4/2016	14-4/11
L	NATHAN NEIL BURKETT, JR.	14-4/10
M	GEORGE E. BERTRAM ET UX	14-4/16
N	ROBERT CARTER DARWISH ET UX	14-4/16.3
P	ROBERT CARTER DARWISH ET UX	14-4/16.2
Q	KT HILL FAMILY TRUST	14-4/35
R	KT HILL FAMILY TRUST	14-4/24
S	DOROTHY CROW ET VIR	14-4/34
	FRIZZELL FAMILY TRST	
T	DONNA S. DOYEL ET VIR	14-5/43
	EARL GREGORY HUMMEL	
U	VERNON L. KNOX ET UX	14-5/42
	HARRY EDWIN GRIMM ET UX	
	JAMES E. HERRICK ET UX	

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