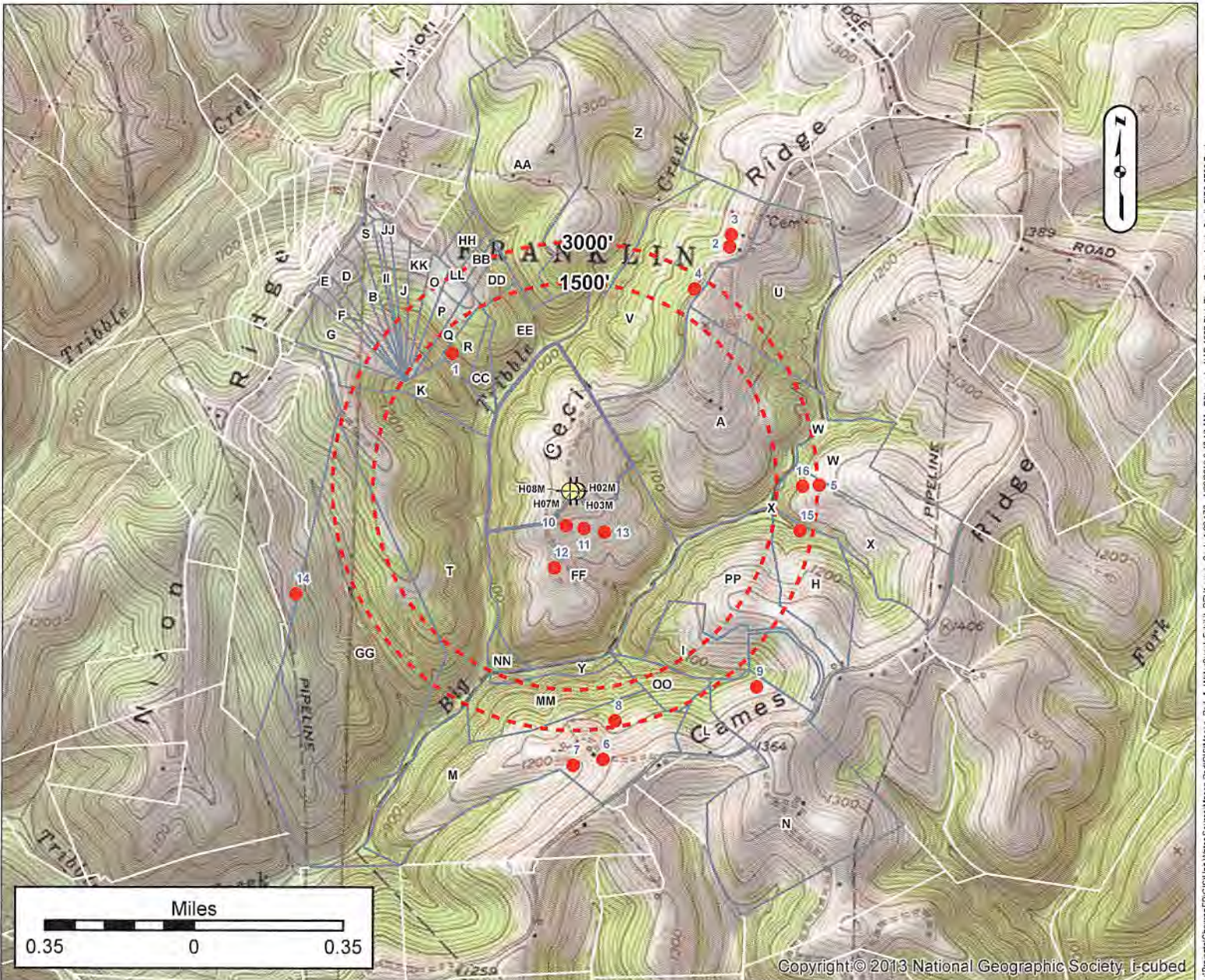




WATER SUPPLY EXHIBIT MASON PAD A

47 05 - 02 236
- **GESV**



LOT OWNERS

LABEL	OWNER	TM	LABEL	OWNER	TM	LABEL	OWNER	TM	LABEL	OWNER	TM
A	CONSOL ENERGY	25-05 4000500000000	L	HERRINBERGER GRANT	25-09 4001300000000	W	KEENER DANNY L & LISA M	25-09 4000700010000	HH	PARKER JOHN T ET UX	25-05 4002300000000
B	WEST STEVEN E & JACQUELINE D	25-05 4002700000000	M	LYONS SCOTTIE K ET UX	25-09 4000300000000	X	WAYT RICHARD L JR & LISA M	25-09 4000700000000	II	MCCLINTOCK WILLIAM	25-05 4002800000000
C	CONSOL ENERGY	25-05 4000700000000	N	MASON BARBARA A & RONALD D	25-09 4001200000000	Y	CONSOL ENERGY	25-09 4000400010000	JJ	MCCLINTOCK WILLIAM E & TERRY	25-05 4003700000000
D	FRIEND PATRICIA	25-05 4003300000000	O	BLAKE DENNIS	25-05 4004100000000	Z	HILL DAVID P & LARRY E	25-05 3002300000000	KK	BELL CARL L ET UX	25-05 4003800000000
E	FRIEND PATRICIA	25-05 4003100000000	P	BLAKE DENNIS	25-05 4004200000000	AA	MAYNARD DOUGLAS & RUTH EVELYN	25-05 3002400000000	LL	UNKNOWN	25-05 4003900000000
F	YOHO GARY W ET UX	25-05 4002600000000	Q	BLAKE DENNIS	25-05 4003500000000	BB	LUCAS DONALD H & PEGGY A ET AL	25-05 4000300000000	MM	LYONS SCOTTIE K ET UX	25-09 4000400000000
G	BLAKE DENNIS	25-05 4000300000000	R	BLAKE RICHARD SR ET UX	25-05 4000300100000	CC	BLAKE RICHARD SR ET UX	25-05 4000300110000	NN	CONSOL ENERGY	25-09 4000400020000
H	GATTS RALPH A SR & BONNIE J	25-09 4000600020000	S	CONKLE BRENT A	25-05 4004300000000	DD	BLAKE ROBERT	25-05 4000300120000	OO	LYONS SCOTTIE K ET UX	25-09 4000500000000
I	CONSOL ENERGY	25-09 4000600010000	T	HALL RICKY D & PEGGY A	25-05 4000800000000	EE	SOUTHERN COUNTRY FARMS INC	25-05 4000300150000	PP	GATTS RALPH ET UX	25-09 4000600000000
J	SUMMERS JAYSON W & LISA M	25-05 4002000000000	U	CUNNINGHAM BRENT C ET UX	25-05 3002200000000	FF	MASON DONNA	25-05 4000600000000			
K	HALL RICKY D & PEGGY A	25-05 4000800020000	V	CUNNINGHAM GLENN L ET UX	25-05 4000400000000	GG	OSTRANDER PAUL E & LINDA S	25-05 4000800010000			

Surface Owner: CNX LAND RESOURCES INC

Oil/Gas Owner: JEFFREY S. HOLMES ET UX

Well Operator: CHEVRON APPALACHIA, LLC

Address: 700 CHERRINGTON PARKWAY
CORAOPOLIS, PA 15108

Phone: 412-865-3113

County: MARSHALL

Township: MOUNDSVILLE

Surveyor: GROUNDWATER & ENVIRONMENTAL SERVICES, IN

Address: 301 COMMERCE PARK DR
CRANBERRY TOWNSHIP, PA 16066

Phone: 800-267-2549

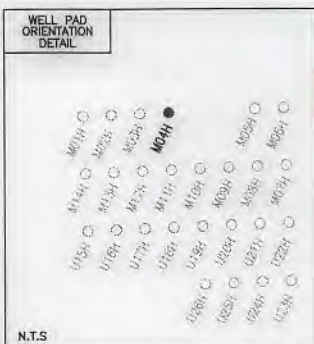
JUN - 7 2019
RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection

NOTICE: THE INTENT OF THIS EXHIBIT IS TO IDENTIFY EXISTING WATER SUPPLIES IN THE VICINITY OF A PROPOSED GAS WELL, AND IS NOT A COMPLETE BOUNDARY SURVEY. PROPERTY LINES AND OWNER INFORMATION WERE OBTAINED FROM DEEDS, TAX RECORDS, AERIAL PHOTOGRAPHY, GIS, AND FIELD SURVEYED EVIDENCE.

BHL is located on topo map 7,142 feet south of Latitude: 39° 52' 30"
 SHL is located on topo map 4,333 feet south of Latitude: 39° 50' 00"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR LESSORS



BHL is located on topo map 4,268 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 8,955 feet west of Longitude: 80° 42' 30"

	SURFACE OWNER	DIST-TM/PAR
1	CNX LAND RESOURCES INC	5-4/7
2	CNX LAND RESOURCES INC	5-4/5
3	GLENN L. CUNNINGHAM ET UX	5-4/4
4	*RALPH A. & ROBIN R. HOLMES	5-4/3.17
5	CNX LAND RESOURCES INC.	5-3/23
6	RALPH A. AND ROBIN R. HOLMES	5-3/24
7	LYNLEWIS PROPERTIES LLC	5-3/26.1
8	CNX LAND RESOURCES INC	5-3/30.3
9	HESTER LORRAINE CHAMBERS	5-3/29
10	MONTI THOMAS ET AL	5-3/9
11	RALPH & ELLA BEA CHAPLIN	5-3/5
12	RUSSELL B. HOWE-LIFE	5-3/5.1
13	WAYNE R. & TINA M. CHAPLIN	5-3/1
14	RALPH & ELLA BEA CHAPLIN	5-3/4
15	TELESPECTRUM INC. DBA 360	5-3/4.5
16	EDUCATIONAL MEDIA FOUNDATION	5-3/4.4
17	MARSHALL COUNTY PUB SER DIST	5-3/4.1
18	AV LAUTTAMUS COMMUNICATIONS	5-3/4.2
19	MARK A. & PATSY A. SPRINGER	5-3/1.5
20	TENNANT FAMILY IRREVOCABLE TR	5-3/1.4
21	TENNANT FAMILY IRREVOCABLE TR	5-3/1.3
22	CONSOLIDATION COAL COMPANY MURRAY ENERGY C/O LAND DEPT.	5-3/1.1
23	EUGENE C. & ELIZABETH A. ESTEP	4-13/2

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
 N:4407971.130
 E:522232.904
 NAD83, WV NORTH
 N:483713.969
 E:1620164.182

APPROX. LANDING POINT
UTM 17-NAD83(M)
 N:4408424.40
 E:522495.27
 NAD83, WV NORTH
 N:485187.000
 E:1621050.000

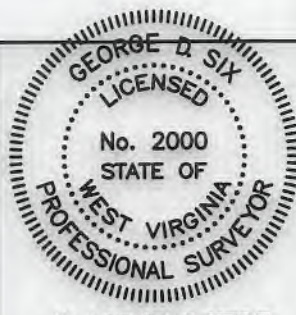
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
 N:4411733.81
 E:520084.34
 NAD83, WV NORTH
 N:496179.000
 E:1613320.000



FILE #: MASON M04H
 DRAWING #: MASON M04H
 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



PLACE SEAL HERE

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



DATE: APRIL 1, 2019
 OPERATOR'S WELL #: MASON M04H
 API WELL #: 47 51 02236 HXA
 STATE COUNTY PERMIT

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

WATERSHED: FISH CREEK ELEVATION: 1,270.12'

COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: GLEN EASTON, WV 7.5'

SURFACE OWNER: CNX LAND RESOURCES INC ACREAGE: 60.00±

OIL & GAS ROYALTY OWNER: JEFFREY S. HOLMES, ET UX ACREAGE: 768.499±

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: 6,560± TMD: 20,670.83±

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

NOTES:

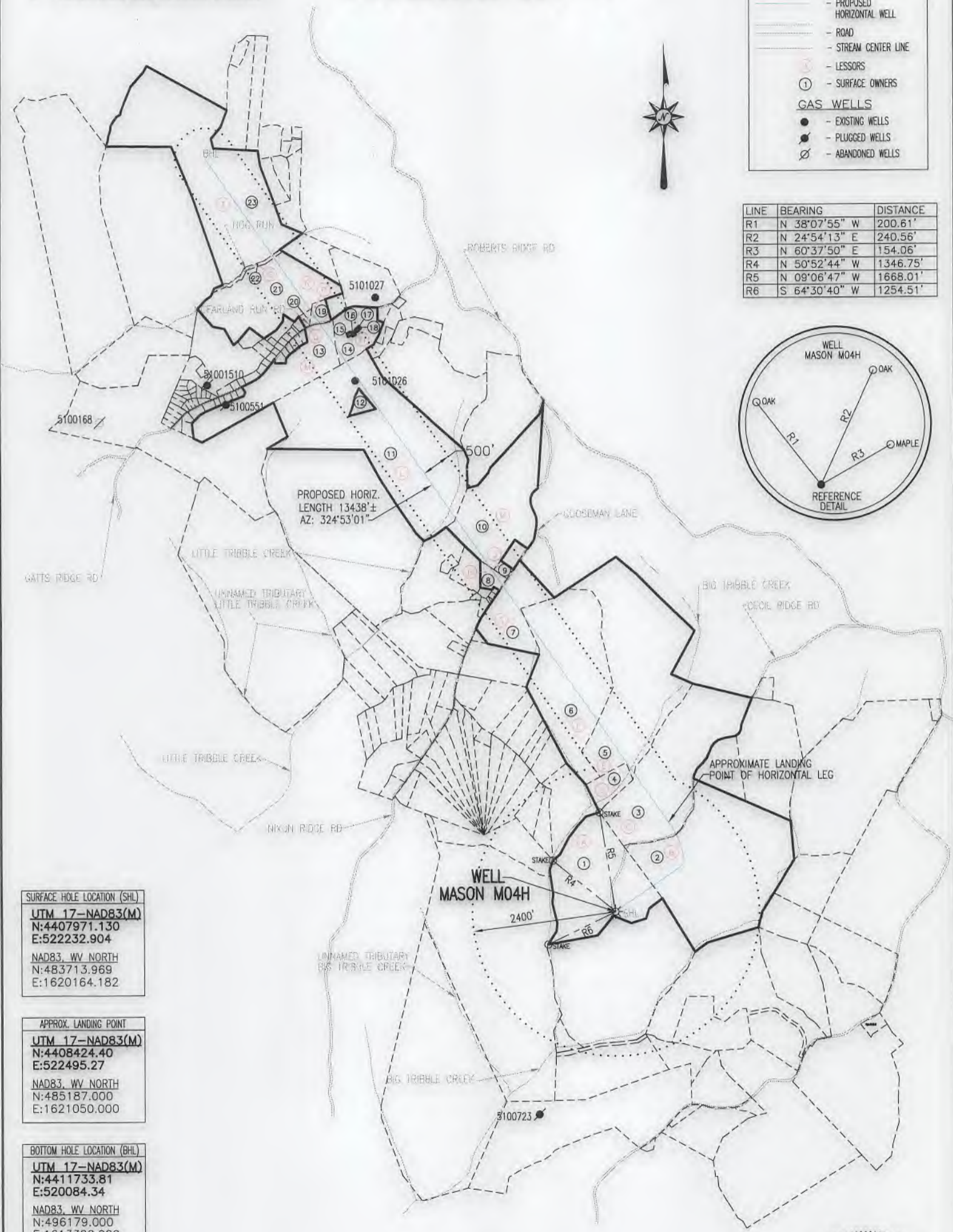
1. There are no water wells or developed springs within 250' of proposed well.
2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
3. There are no native trout streams within 300' of proposed well.
4. Proposed well is greater than 1000' from surface groundwater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

MASON M04H 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
- GAS WELLS**
- EXISTING WELLS
 - PLUGGED WELLS
 - ABANDONED WELLS

LINE	BEARING	DISTANCE
R1	N 38°07'55" W	200.61'
R2	N 24°54'13" E	240.56'
R3	N 60°37'50" E	154.06'
R4	N 50°52'44" W	1346.75'
R5	N 09°06'47" W	1668.01'
R6	S 64°30'40" W	1254.51'



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 E:1613320.000

API WELL #: 47 51
 STATE COUNTY PERMIT

APRIL 1, 2019

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

George D. Six



MASON

M04H

PAGE 3 OF 4

	LESSOR	DIST-TM/PAR
A	JEFFREY S. HOLMES, ET UX	5-4/7
B	JEFFREY D. CRAMER ET UX	5-4/5
	DAVID ANTHONY HAMMEL, SR.	
	DANIEL JOSEPH HAMMEL	
	JAMES ROBERT EVANS, SR.	
	HEATHER NICOLE EVANS	
	ANDREA EVANS HORTON	
	TIMOTHY P. EVANS	
	MARY CATHERINE HOOD	
	DELORES J. MYERS	
	JANET F. HIGGINS	
	JOHN G. CALVERT	
	ELIZABETH S. HUDSON	
	GERARD CLINTON OLIVER	
	GERARD C. OLIVER	
	JAMES A. OLIVER	
	JOSEPH W. OLIVER	
	JOHN D. OLIVER	
	BECKY OLIVER	
	DAVID LEE MARTIN	
	GERALD WAYNE MARTIN ET UX	
	JUDITH PEARCE	
	MARTIE JO MARTIN	
	HOLLY K. WAYT	
	RICHARD DOUGLAS WAYT	
	WENDELL W. JONES, SR., ET UX	
	GLADYS JANE BALDERSON	
	SANDRA MICHELLE ROBERTS	
	MICHAEL CHAMBERS	
	SUSAN M. MCGILL	
	KAROL L. BABEL	
	MARGARET ROBERTA DAVIS	
	JUDITH K. SHARP	
	HEATHER LEE DAVIS	
	CARL ALLEN ET UX	
	ROBERT LEO ALLEN ET UX	
	GARY D. ALLEN	
	LINDA FAYE SCOLLICK	
	RUTH ANN HARRIGAN	
	WILLIAM S. MILLER ET UX	
	MICHAEL GORDON WHITE ET UX	
	HUGH L. JONES ET UX	
	GERALDINE ANNE BRACKEN	
	TED IANNARELLI ET UX	
	PATRICIA A. PEARCE	
	CARRIE LEE HENDERSON	
	MICHAEL A. MAY	
	LAWRENCE MANNELLA ET UX	
	PEGGY MARTIN	
	MARY LOU SNYDER	
	RONALD L. PATTERSON	
	JAMES PATTERSON	
	PAUL PATTERSON ET UX	
	CHRISTOPHER EVANS	
	BARBARA THOMSEN	
	GLORIA YEAGER	

	LESSOR	DIST-TM/PAR
C	GLEN L. CUNNINGHAM ET UX	5-4/4
	DAVID ANTHONY HAMMEL, SR.	
	DANIEL JOSEPH HAMMEL	
	JAMES ROBERT EVANS, SR.	
	HEATHER NICOLE EVANS	
	ANDREA EVANS HORTON	
	TIMOTHY P. EVANS	
	MARY CATHERINE HOOD	
	DELORES J. MYERS	
	JANET F. HIGGINS	
	JOHN G. CALVERT	
	ELIZABETH S. HUDSON	
	GERARD CLINTON OLIVER	
	GERARD C. OLIVER	
	JAMES A. OLIVER	
	JOSEPH W. OLIVER	
	JOHN D. OLIVER	
	BECKY OLIVER	
	DAVID LEE MARTIN	
	GERALD WAYNE MARTIN ET UX	
	JUDITH PEARCE	
	MARTIE JO MARTIN	
	HOLLY K. WAYT	
	RICHARD DOUGLAS WAYT	
	WENDELL W. JONES, SR., ET UX	
	GLADYS JANE BALDERSON	
	SANDRA MICHELLE ROBERTS	
	MICHAEL CHAMBERS	
	SUSAN M. MCGILL	
	KAROL L. BABEL	
	MARGARET ROBERTA DAVIS	
	JUDITH K. SHARP	
	HEATHER LEE DAVIS	
	CARL ALLEN ET UX	
	ROBERT LEO ALLEN ET UX	
	GARY D. ALLEN	
	LINDA FAYE SCOLLICK	
	RUTH ANN HARRIGAN	
	WILLIAM S. MILLER ET UX	
	MICHAEL GORDON WHITE ET UX	
	HUGH L. JONES ET UX	
	GERALDINE ANNE BRACKEN	
	TED IANNARELLI ET UX	
	PATRICIA A. PEARCE	
	CARRIE LEE HENDERSON	
	MICHAEL A. MAY	
	LAWRENCE MANNELLA ET UX	
	PEGGY MARTIN	
	MARY LOU SNYDER	
	RONALD L. PATTERSON	
	JAMES PATTERSON	
	PAUL PATTERSON ET UX	
	CHRISTOPHER EVANS	
	BARBARA THOMSEN	
	GLORIA YEAGER	
D	*SOUTHERN COUNTRY FARM INC.	5-4/3.17

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APRIL 1, 2019



API WELL #: 47 51 2236 464
STATE COUNTY PERMIT

MASON

M04H

PAGE 4 OF 4

	LESSOR	DIST-TM/PAR
E	LARRY E HILL	5-3/23
	JOHN G. CALVERT	
	DELORES J. MYERS	
	DANIEL JOSEPH HAMMEL	
	DAVID ANTHONY HAMMEL, SR.	
	JAMES ROBERT EVANS, SR.	
	ELIZABETH S. HUDSON	
	ANDREA EVANS HORTON	
	MARY CATHERINE HOOD	
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	GERALD CLINTON OLIVER	
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	JOSEPH W. OLIVER	
	LINDA FAYE SCOLLICK	
	RUTH ANN HARRIGAN	
	GLADYS JANE BALDERSON	
	KAROL L. BABEL	
	MARGARET ROBERTA DAVIS	
	JUDITH K. SHARP	
	ROBERT LEO ALLEN	
	WILLIAM SCOTT MILLER ET UX	
	GERALD WAYNE MARTIN	
	CARL DUDLEY ALLEN ET UX	
	HUGH LEROY JONES ET UX	
	GARY DAVID ALLEN	
	SUSAN K. IANNARELLI ET VIR	
	PAMELA MANNELLA ET VIR	
	CARRIE LEE HENDERSON	
	PEGGY MARTIN	
	MARTIE JO MARTIN	
	SUSAN MARIE MCGILL	
	MICHAEL A. MAY	
	MIKE CHAMBERS	
	HOLLY K. WAYT	
	RICHARD DOUGLAS WAYT	
	MICHAEL G. WHITE ET UX	
	PAUL PATTERSON ET UX	
	RONALD L. PATTERSON	
	HEATHER LEE DAVIS	
	JAMES PATTERSON	
	CHRISTINE LYNN MARTIN	
	TERRILEE BYLAND	
	DOUGLAS LOUIS WASEMANN	
	JAMES A. WASEMANN	
	CHRISTINA MARIA BINGER	
	MARY LYNN JONES	
	SANDRA MICHELLE ROBERTS (FKA SANDRA MICHELLE SNODGRASS)	
	GERALDINE ANNE BRACKEN	
	MARY LOU SNYDER	
	PATRICIA A. PEARCE	

	LESSOR	DIST-TM/PAR
F	MASTER MINERAL HOLDINGS I, LP	5-3/24
G	LYNLEWIS PROPERTIES LLC	5-3/26.1
H	CHRISTOPHER D. WILLIAMS	5-3/30.3
J	WILLIAM ELMER RESSEGER	5-3/29
	JOHN RESSEGER	
	LAURA VIRGINIA RESSEGER	
	ROGER L. CHAMBERS ET UX	
K	WILLIAM ELMER RESSEGER	5-3/9
	JOHN RESSEGER	
	LAURA VIRGINIA RESSEGER	
	STEPHEN R. THOMAS ET UX	
	STEPHEN M. THOMAS ET UX	
L	JAMES CHAPLIN	5-3/5
	SHERRY L. SIEGENTHALER	
	CATHERINE A. PAWELCHAK	
	MICHAEL J. PAWELCHAK	
	VIRGINIA KATHLEEN KLINESMITH	
	MICHAEL NEFF	
	DOROTHY V. LENTZ	
	DONOVAN ALLEE ET UX	
	LEVENA HOLMES	
	DORIS L. HOLES	
	RICKY D. HOLMES	
	ESTHER AMES	
	GAIL WHITE	
	PATRICIA COCKNILL	
	CONSTANCE URNESS	
	RICHARD D. RAPASKY	
	JEAN HOLES	
	MAY DANIEL ET UX	
M	AUSTIN H. WOODS, III, ET UX	5-3/1
N	JAMES R. CHAMPLIN	5-3/4
P	PATSY A. SPRINGER	5-3/1.5
	MARK A. SPRINGER	
Q	TENNANT FAMILY IRREVOCABLE TRUST	5-3/1.4
R	RALPH CHAPLIN ET UX	5-3/1.3
S	HG ENERGY II APPALACHIA LLC	5-3/1.1
T	EUGENE C. ESTEP ET UX	4-13/2

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