

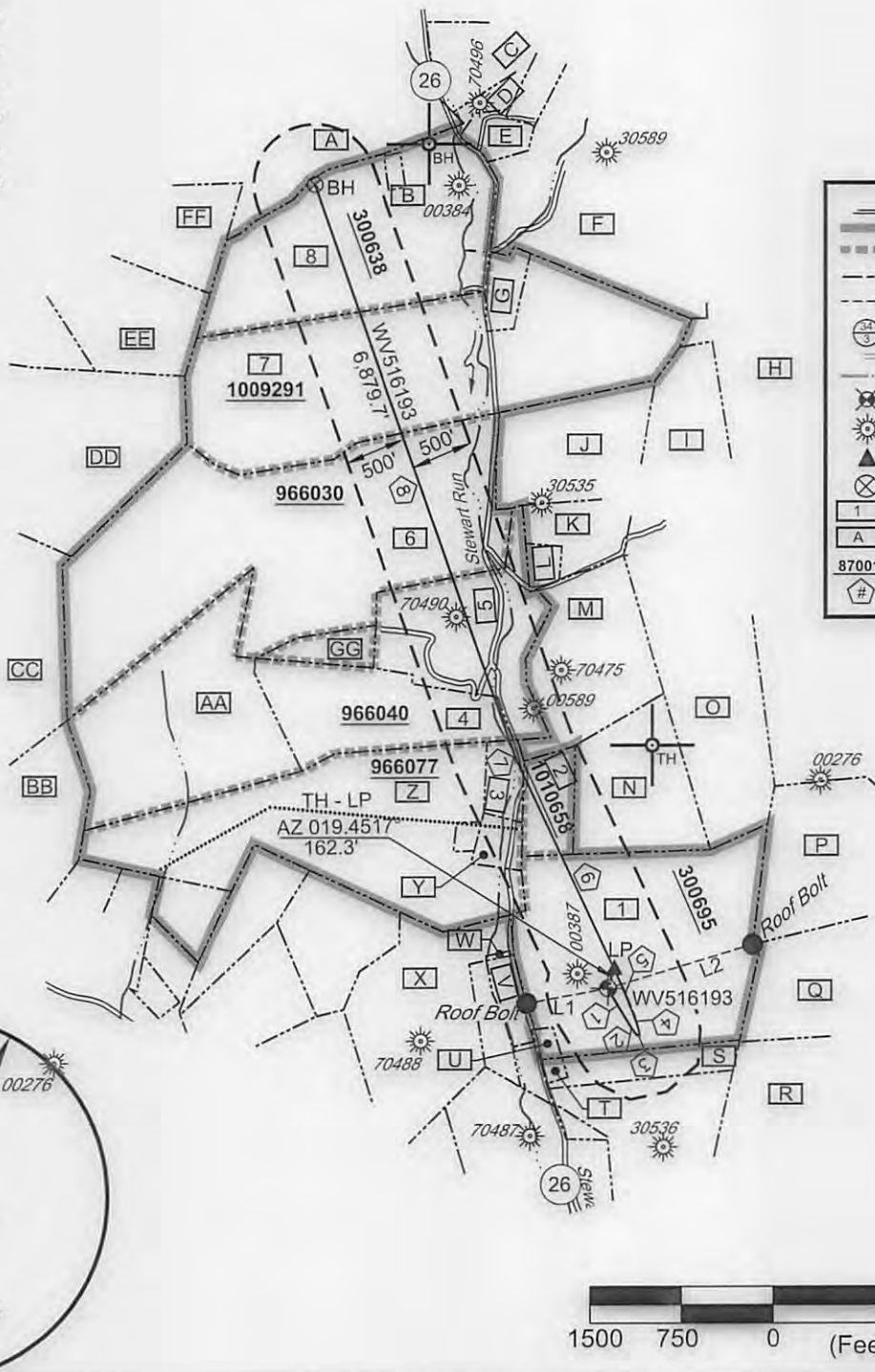
EQT PRODUCTION COMPANY  
WELL # 516193  
PAGE 1 OF 2

LATITUDE 39°37'30" TH 5718'  
LATITUDE 39°37'30" BH 8153'

PROPERTY TIES		
L1	S79°34'W	675.0'
L2	N73°12'E	1238.5'

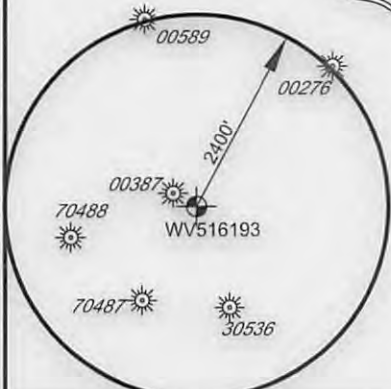
HORIZONTAL BORE GEOMETRY

- ① AZ 329.6599° 318.3'
- ② R-650' L-130.5'
- ③ R-13' L-41.9'
- ④ R-455' L-82.3'
- ⑤ R-4056' L-476.2'
- ⑥ AZ 335.0037° 1861.8'
- ⑦ R-2299' L-190.2'
- ⑧ AZ 340.7091° 4827.7'



**LEGEND**

- OUTER LEASE BOUNDARY
- LEASE BOUNDARY
- SURFACE TRACT LINES
- WELL REFERENCE LINES
- ⊙ - COUNTY ROADS
- - PUBLIC ROADS
- BLUE-LINE STREAMS
- ⊗ - PROPOSED WELL
- ☀ - EXISTING WELL
- ▲ - LANDING POINT
- ⊗ - BOTTOM HOLE
- ⊠ - PROPERTY CROSSED BY BORE
- ⊠ - ADJOINER PROPERTY
- 870015 - LEASE NUMBER
- ① - BORE GEOMETRY TAB



FILE NO. 7936-004  
 DRAWN BY DMS  
 SCALE 1 INCH = 1500 FEET  
 MIN DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION SURVEY GRADE GPS

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 DIVISION OF ENVIRONMENTAL PROTECTION

*David M. Shannon* PS #2034



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

**LDG**

WELL TYPE: OIL  GAS  LIQUID INJECTION   
 IF "GAS", PRODUCTION  STORAGE  DEEP   
 LOCATION: WATERSHED INDIAN CREEK (HUC12) STEWART RUN (LOCAL)  
 COUNTY/DISTRICT MONONGALIA / GRANT  
 SURFACE OWNER GORDON W. & SHEILA M. LAWSON  
 OIL & GAS ROYALTY OWNER BETTY JO BINZ

PROPOSED WORK: 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  
 WELL OPERATOR: EQT PRODUCTION COMPANY  
 ADDRESS 115 PROFESSIONAL PLACE, PO BOX 280 BRIDGEPORT, WV 26330

W.V.D.E.P.  
 OFFICE OF OIL AND GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

DATE 12-7-2016  
 OPERATORS WELL NO. WV516193  
 API WELL NO. 47 061  
 STATE 01763 COUNTY 26A PERMIT  
 WASTE DISPOSAL  SHALLOW   
 ELEVATION (EXIST) 1158.0 (PROP) 1157.0  
 QUADRANGLE RIVESVILLE - SEC 1  
 ACREAGE 72.02± LEASE# 300695  
 ACREAGE 73.00±

06/02/2017

COUNTY NAME PERMIT

**EQT PRODUCTION COMPANY**  
**WELL # 516193**  
**PAGE 2 OF 2**

UTM NAD83 ZONE 17N (METERS)	TOPHOLE	N-4383333.16	E-576960.97
	LANDING PT	N-4383380.07	E-576976.66
	BOT HOLE	N-4385323.64	E-576196.60
NAD27 SPC FEET NORTH ZONE	TOPHOLE	N-399829.55	E-1829834.89
	LANDING PT	N-399982.63	E-1829888.95
	BOT HOLE	N-406402.75	E-1827435.68
NAD27 GEO LAT(N) LONG(W)	TOPHOLE	N039.596195	W080.103862
	LANDING PT	N039.596616	W080.103674
	BOT HOLE	N039.614196	W080.112534



TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
1	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	57	72.02
2	JAMES L. AND SHEILA M. LAWSON	GRANT	7-17	58.1	8
3	JAMES L. ROGERS AND HOWARD WAYNE CORELY, JR	GRANT	7-17	35.1	4.511
4	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21.1	26.88
5	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21	85.64
6	TIMOTHY P. ZAHARKO	GRANT	7-10	20	102.19
7	JAMES M. GOREMAN	GRANT	7-10	19	95.175
8	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	17	55.5

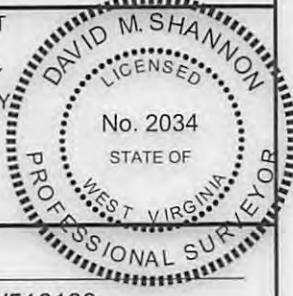
TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
A	VIRGIL L. WHETZEL, JR & LINDA WHETZEL	GRANT	7-10	14	62.43
B	CEMETERY	GRANT	7-10	17.01	120X330
C	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	12	37.67
D	VIRGIL L. WHETZEL, JR & LINDA WHETZEL	GRANT	7-10	15.3	2.454
E	JOSEPH M. PEROOTS AND JENNIFER L. FORGEN	GRANT	7-10	16.3	3.91
F	CURRENCE E. CLUTTER, ETAL	GRANT	7-10	31	146.18
G	JAMES M. GOREMAN	GRANT	7-10	18	4
H	ROBERT AND VIRGINIA RADCLIFF IRROVACABLE TRUST	GRANT	7-10	27	100.618
I	TIMOTHY ZAHARKO	GRANT	7-10	24	40.67
J	HAROLD D. FISHER	GRANT	7-10	23	23.884
K	EARL L. AND CHRISTINE FISHER BREEDLOVE	GRANT	7-10	23.1	9.362
L	JOHN LANDON FISHER	GRANT	7-10	23.2	2.12
M	TIMOTHY ZAHARKO	GRANT	7-10	22	27.76
N	GORDON W. AND SHEILA M. LAWSON	GRANT	7-17	58	24.5
O	TIMOTHY ZAHARKO	GRANT	7-17	59	28.54
P	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	60	52.323
Q	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
R	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
S	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	54.2	8
T	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	54.1	0.76
U	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	56	UNLISTED
V	ALFRED GLOVER, JR	GRANT	7-17	37	3.765
W	MERIT DEVELOPMENT, INC	GRANT	7-17	36.1	
X	MERIT DEVELOPMENT, INC	GRANT	7-17	36	36.07
Y	JAMES L. ROGERS AND HOWARD WAYNE CORELY, JR	GRANT	7-17	35.2	3.521
Z	JIMMY L. AND RENITA D. SHISLER	GRANT	7-17	35	68.3362
AA	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21.1	26.88
BB	PAUL OLIVER EDDY ESTATE	GRANT	7-17	2.1	32.61
CC	CLIFFORD AND EARL KING	GRANT	7-10	4	38.89
DD	WILLIAM H. AND LOUISE LEISTER	GRANT	7-10	5	61.146
EE	WILLIAM ROY AND TAMMY LYNN RADCLIFF	GRANT	7-10	7	25
FF	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	8	26.4
GG	UNKNOWN	GRANT	7-10	21 (PART)	4.6

LEASE#	MINERAL OWNERS	AREA
300695	BETTY JO BINZ	73±
1010658	JAMES L. ADA D. ROGERS	8.00±
966077	LYNN ANN NICHOLAS AKA LYNN ANN LILLER	77.58±
966040	WILLIAM CARTER AND REBECCA ROSE HARRIS	107.83±
966030	CHARLES LEWIS DUNLAP	102.19±
1009291	JAMES M. GOREMAN	98.18±
300638	J.S. HARRIS HEIRS	55.5±

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 CHARLESTON, WV 25304

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 API WELL NO. 47 061 01763  
 STATE 47 COUNTY 061 PERMIT 01763

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 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY) \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH 7400  
 WELL OPERATOR: EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
 ADDRESS 115 PROFESSIONAL PLACE, PO BOX 280 ADDRESS 115 PROFESSIONAL PLACE, PO BOX 280  
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

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