

EQT PRODUCTION COMPANY
WELL # 516195
PAGE 1 OF 2

LATITUDE 39°37'30" TH 5731'
LATITUDE 39°37'30" BH 8316'

LONGITUDE 80°05'00" BH 7890'
LONGITUDE 80°05'00" TH 10525'

LEGEND

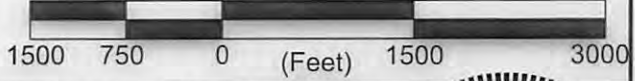
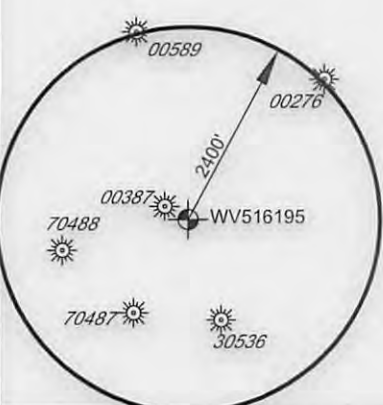
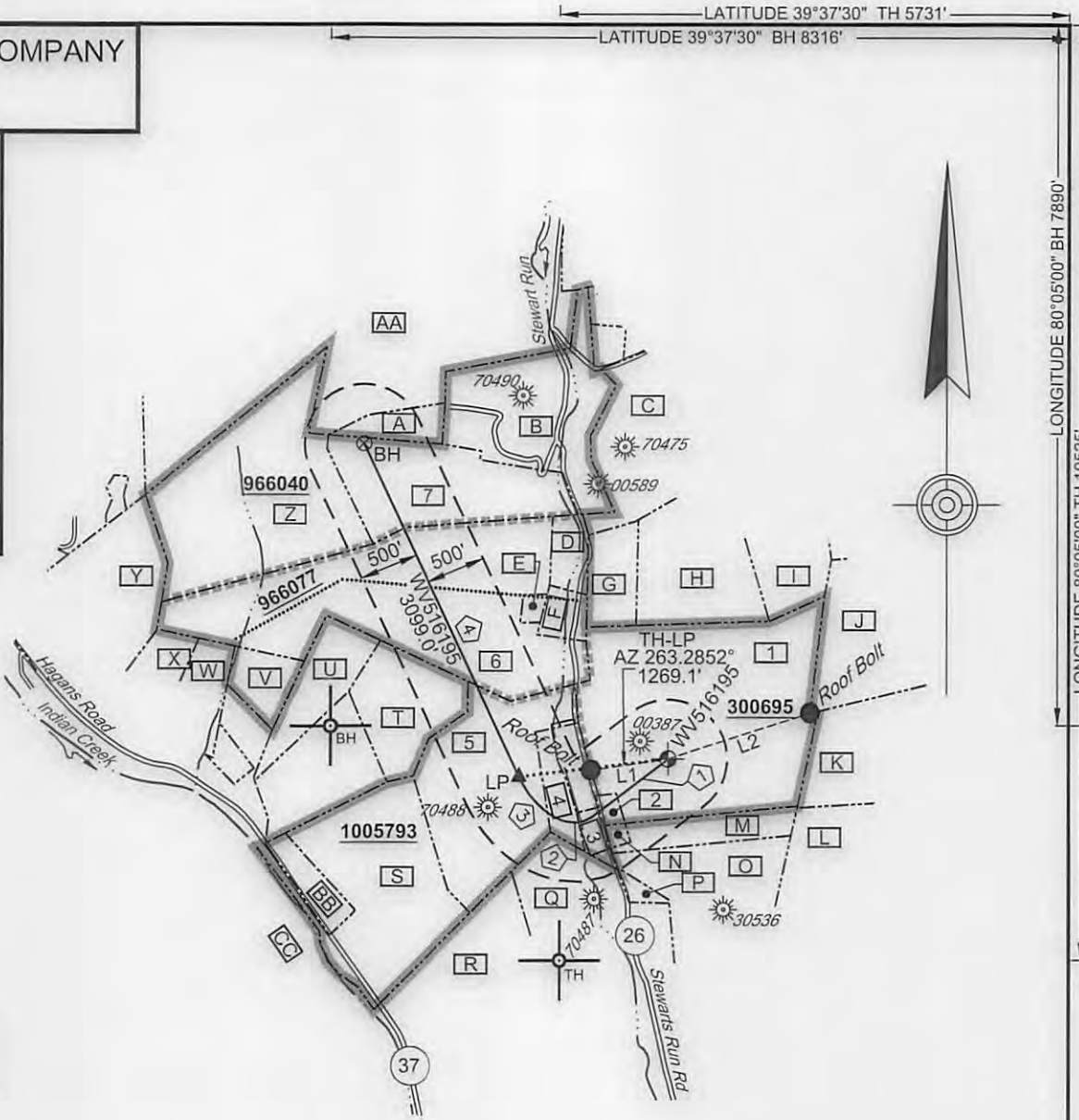
- - - - - OUTER LEASE BOUNDARY
- - - - - LEASE BOUNDARY
- - - - - SURFACE TRACT LINES
- - - - - WELL REFERENCE LINES
- ⊙ (11) - COUNTY ROADS
- - - - - PUBLIC ROADS
- - - - - BLUE-LINE STREAMS
- ☉ - PROPOSED WELL
- ☼ - EXISTING WELL
- ▲ - LANDING POINT
- ⊗ - BOTTOM HOLE
- 1 - PROPERTY CROSSED BY BORE
- A - ADJOINER PROPERTY
- 870015 - LEASE NUMBER
- # - BORE GEOMETRY TAB

HORIZONTAL BORE GEOMETRY

1	AZ 232.7972°	800.7'
2	R-276'	L-288.2'
3	R-695'	L-513.6'
4	AZ 335.0000°	3099.0'

PROPERTY TIES

L1	S81°45'W	657.4'
L2	N72°09'E	1259.5'



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

DAVID M. SHANNON
 LICENSED
 No. 2034
 STATE OF WEST VIRGINIA
 PROFESSIONAL SURVEYOR

(+) 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

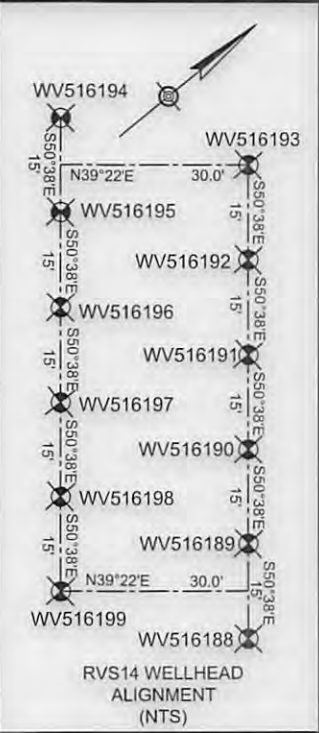
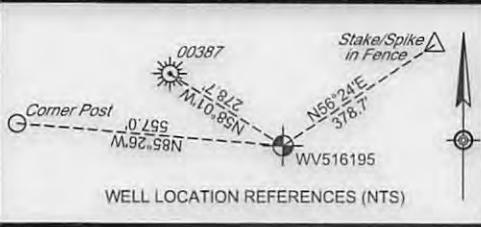
DATE 12-7-2016
 OPERATORS WELL NO. WV516195
 API WELL NO. 47 061 01765 MGA
 STATE 47 COUNTY 061 PERMIT 01765 MGA
 WASTE DISPOSAL
 SHALLOW

ELEVATION (EXIST) 1158.0 (PROP) 1157.0
 QUADRANGLE RIVESVILLE - SEC 1
 ACREAGE 72.02±
 ACREAGE 73.00± LEASE# 300695

ESTIMATED DEPTH 7400
 DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE, PO BOX 280 BRIDGEPORT, WV 26330

EQT PRODUCTION COMPANY
WELL # 516195
PAGE 2 OF 2

UTM NAD83 ZONE 17N (METERS)	TOPHOLE	N-4383324.58	E-576957.08
	LANDING PT	N-4383272.95	E-576573.81
	BOT HOLE	N-4384122.02	E-576160.51
NAD27 SPC FEET NORTH ZONE	TOPHOLE	N-399801.60	E-1829821.66
	LANDING PT	N-399653.21	E-1828561.26
	BOT HOLE	N-402461.88	E-1827251.56
NAD27 GEO LAT(N) LONG(W)	TOPHOLE	N039.596118	W080.103908
	LANDING PT	N039.595687	W080.108377
	BOT HOLE	N039.603373	W080.113093



SURFACE PROPERTIES CROSSED BY BORE					
TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
1	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	57	72.02
2	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	56	UNLISTED
3	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	39	2.18
4	RESERVE COAL PROPERTIES CO.	GRANT	7-17	38	4.355
5	MERIT DEVELOPMENT, INC	GRANT	7-17	36	36.07
6	JIMMY L. AND RENITA D. SHISLER	GRANT	7-17	35	68.3362
7	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21.1	26.88

SURFACE PROPERTIES ADJOINING THOSE CROSSED BY BORE (ABOVE)					
TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
A	UNKNOWN	GRANT	7-10	21(PART)	4.6
B	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21	85.64
C	TIMOTHY ZAHARKO	GRANT	7-10	22	27.76
D	JAMES L. ROGERS AND HOWARD WAYNE CORELY, JR	GRANT	7-17	35.1	4.511
E	JIMMY L. AND RENITA D. SHISLER	GRANT	7-17	35.3	1.48
F	JAMES L. ROGERS AND HOWARD WAYNE CORELY, JR	GRANT	7-17	35.2	3.521
G	JAMES L. AND SHEILA M. LAWSON	GRANT	7-17	58.1	8
H	GORDON W. AND SHEILA M. LAWSON	GRANT	7-17	58	24.5
I	TIMOTHY ZAHARKO	GRANT	7-17	59	28.54
J	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	60	52.323
K	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
L	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
M	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	54.2	8
N	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	54.1	0.76
O	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	54	24.24
P	VERA M. AND DARIUS P. DRAIN	GRANT	7-17	55	2
Q	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	40	68
R	RESERVE COAL PROPERTIES	GRANT	7-17	23.7	40.144
S	RESERVE COAL PROPERTIES CO.	GRANT	7-17	33	21.13
T	LAURITA EXCAVATING	GRANT	7-17	34	16.077
U	DALE ALLEN ESTLE	GRANT	7-17	29	11.785
V	JIMMY L. AND RENITA D. SHISLER	GRANT	7-17	28	5.76
W	ARTHUR WILLIAM AND CONNIE ELAINE SISLER MCCRAY	GRANT	7-17	26	6.44
X	LARRY A. AND JENNY SUNDRA LAYNE	GRANT	7-17	26.1	12
Y	PAUL OLIVER EDDY ESTATE	GRANT	7-17	2.1	32.61
Z	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21.1	26.88
AA	TIMOTHY P. ZAHARKO	GRANT	7-10	20	102.19

LEASE#	MINERAL OWNERS	AREA
300695	BETTY JO BINZ	73±
1005793	ET BLUE GRASS, LLC	89.5±
966077	LYNN ANN NICHOLAS AKA LYNN ANN LILLER	77.58±
966040	WILLIAM CARTER AND REBECCA ROSE HARRIS	107.83±

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COUNTY NAME
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06/02/2017