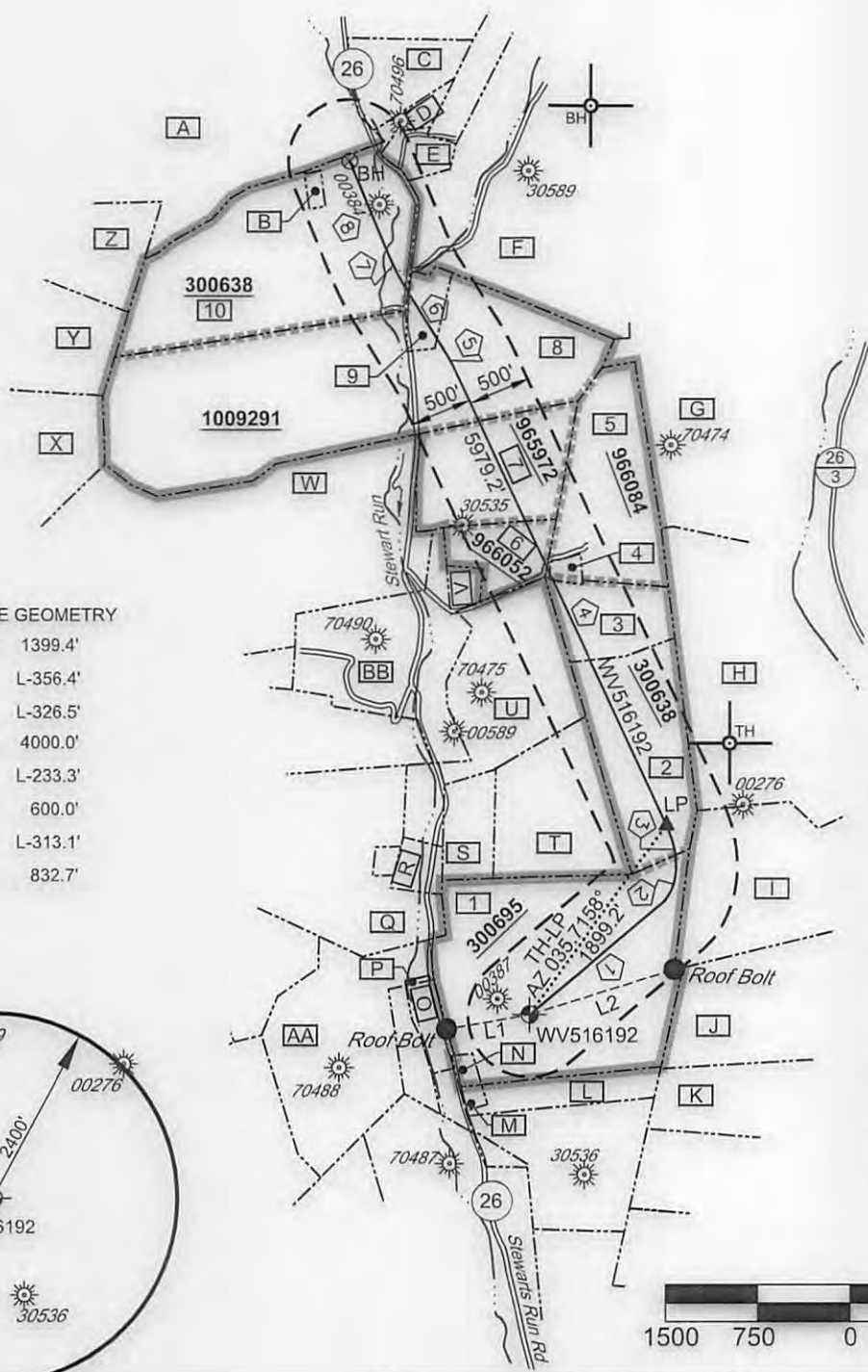
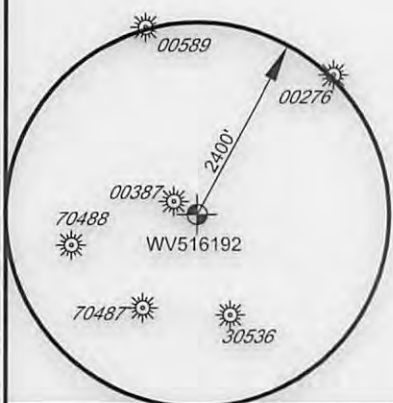


PROPERTY TIES		
L1	S80°32'W	684.8'
L2	N72°37'E	1230.3'

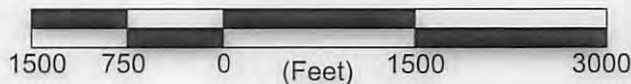


HORIZONTAL BORE GEOMETRY

- ① AZ 049.9038° 1399.4'
- ② R-411' L-356.4'
- ③ R-1065' L-326.5'
- ④ AZ 335.0000° 4000.0'
- ⑤ R-2319' L-233.3'
- ⑥ AZ 328.0001° 600.0'
- ⑦ R-2090' L-313.1'
- ⑧ AZ 337.3941° 832.7'



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
	- LEASE NUMBER
	- 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



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

DATE 12-7-2016
 OPERATORS WELL NO. WV516192
 API WELL NO. 47 061
 STATE COUNTY PERMIT 01762 HGA

WELL TYPE: OIL GAS LIQUID INJECTION
 IF "GAS", PRODUCTION STORAGE DEEP SHALLOW

LOCATION: WATERSHED INDIAN CREEK (HUC12) STEWART RUN (LOCAL)

ELEVATION (EXIST) 1158.0 (PROP) 1157.0

COUNTY/DISTRICT MONONGALIA / GRANT

QUADRANGLE RIVESVILLE - SEC 1

SURFACE OWNER GORDON W. & SHEILA M. LAWSON

ACREAGE 72.02± 06/02/2017

OIL & GAS ROYALTY OWNER BETTY JO BINZ

ACREAGE 73.00± LEASE# 300695

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

ESTIMATED DEPTH 7400

WELL OPERATOR: EQT PRODUCTION COMPANY

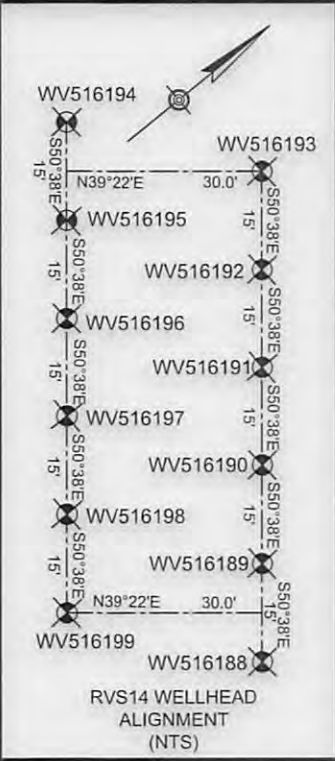
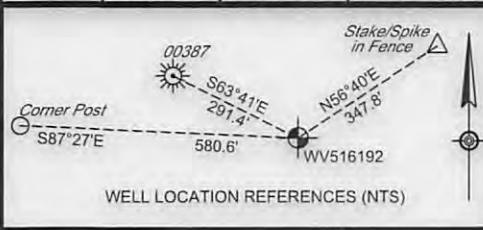
DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE, PO BOX 280 BRIDGEPORT, WV 26330

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EQT PRODUCTION COMPANY
WELL # 516192
PAGE 2 OF 2

UTM NAD83 ZONE 17N (METERS)	TOPHOLE	N-4383330.32	E-576964.55
	LANDING PT	N-4383805.78	E-577294.52
	BOT HOLE	N-4385433.51	E-576480.10
NAD27 SPC FEET NORTH ZONE	TOPHOLE	N-399820.04	E-1829846.48
	LANDING PT	N-401362.06	E-1830955.18
	BOT HOLE	N-406747.75	E-1828371.92
NAD27 GEO LAT(N) LONG(W)	TOPHOLE	N039.596169	W080.103820
	LANDING PT	N039.600423	W080.099923
	BOT HOLE	N039.615161	W080.109220



TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
1	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	57	72.02
2	TIMOTHY ZAHARKO	GRANT	7-17	59	28.54
3	TIMOTHY ZAHARKO	GRANT	7-10	24	40.67
4	GREG AND LOUANN RADICIC	GRANT	7-10	24.1	1.17
5	TIMOTHY ZAHARKO	GRANT	7-10	24	40.67
6	EARL L. AND CHRISTINE FISHER BREEDLOVE	GRANT	7-10	23.1	9.362
7	HAROLD D. FISHER	GRANT	7-10	23	23.884
8	JAMES M. GOREMAN	GRANT	7-10	19	95.175
9	JAMES M. GOREMAN	GRANT	7-10	18	4
10	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	17	55.5

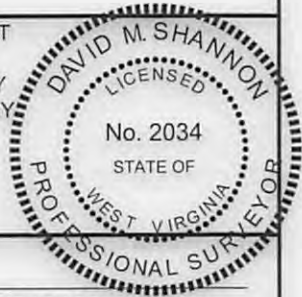
TAB	OWNER	DISTRICT	TAX MAP	PARCEL #	AREA±
A	VIRGIL L. WHETZEL, JR & LINDA WHETZEL	GRANT	7-10	14	62.43
B	CEMETERY	GRANT	7-10	17.01	120X330
C	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	12	37.67
D	VIRGIL L. WHETZEL, JR & LINDA WHETZEL	GRANT	7-10	15.3	2.454
E	JOSEPH M. PERROOTS AND JENNIFER L. FORGEN	GRANT	7-10	16.3	3.91
F	CURRENCE E. CLUTTER, ETAL	GRANT	7-10	31	146.18
G	ROBERT AND VIRGINIA RADCLIFF IRROVACABLE TRUST	GRANT	7-10	27	100.618
H	ROBERT AND VIRGINIA RADCLIFF IRROVACABLE TRUST	GRANT	7-10	25	89
I	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	60	52.323
J	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
K	GORDON LAWSON, ETAL	GRANT	7-17	63	92.682
L	GORDON WAYNE AND SHEILA M. LAWSON	GRANT	7-17	54.2	8
M	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	54.1	0.76
N	LEONARD DALE AND RHONDA LYNN FOX	GRANT	7-17	56	UNLISTED
O	ALFRED GLOVER, JR	GRANT	7-17	37	3.765
P	MERIT DEVELOPMENT, INC	GRANT	7-17	36.1	.18
Q	JIMMY L. AND RENITA D. SHISLER	GRANT	7-17	35	68.3362
R	JAMES L. ROGERS AND HOWARD WAYNE CORELY, JR	GRANT	7-17	35.2	3.521
S	JAMES L. AND SHEILA M. LAWSON	GRANT	7-17	58.1	8
T	GORDON W. AND SHEILA M. LAWSON	GRANT	7-17	58	24.5
U	TIMOTHY ZAHARKO	GRANT	7-10	22	27.76
V	JOHN LANDON FISHER	GRANT	7-10	23.2	2.12
W	TIMOTHY P. ZAHARKO	GRANT	7-10	20	102.19
X	WILLIAM H. AND LOUISE LEISTER	GRANT	7-10	5	61.146
Y	WILLIAM ROY AND TAMMY LYNN RADCLIFF	GRANT	7-10	7	25
Z	TAMMY LYNN CAMPBELL AND ARLIE EDWARD CAMPBELL II	GRANT	7-10	8	26.4
AA	MERIT DEVELOPMENT, INC	GRANT	7-17	36	36.07
BB	WILLIAM CARTER AND REBECCA ROSE HARRIS	GRANT	7-10	21	85.64

LEASE#	MINERAL OWNERS	AREA
300695	BETTY JO BINZ	73±
300638	J.S. HARRIS HEIRS	55.5±
966084	DOROTHEA L. COKER	41.48±
966052	EARL L. BREEDLOVE, ETUX	9.362±
965972	HAROLD D. AND FRANCIS B. FISHER	24.018±
1009291	JAMES M. GOREMAN	98.18±
300638	J.S. HARRIS HEIRS	55.5±

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