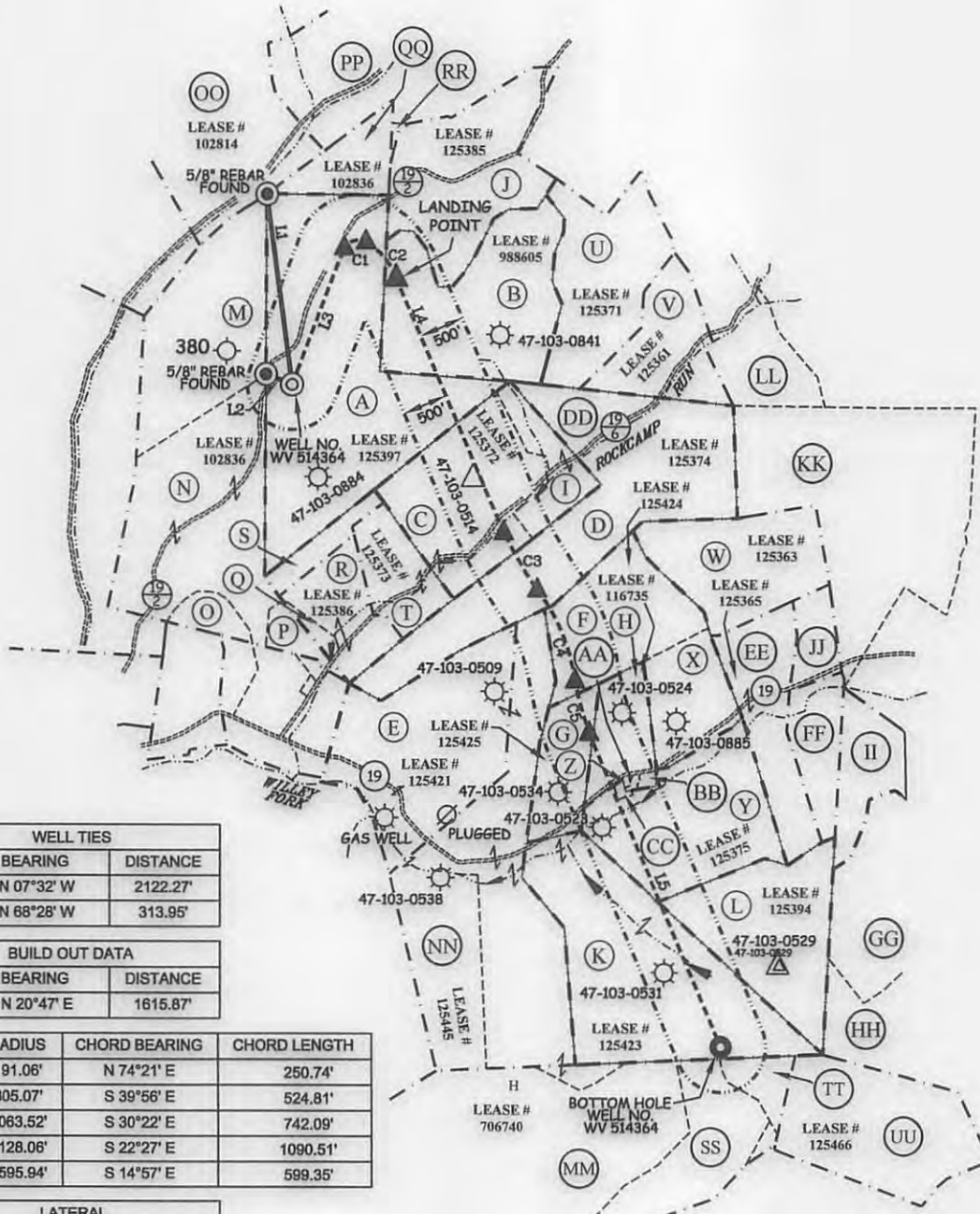


BIG245
WV 514364
EQT PRODUCTION COMPANY

NAD' 27 GRID NORTH

10,828'



WELL TIES		
ID	BEARING	DISTANCE
L1	N 07°32' W	2122.27'
L2	N 68°28' W	313.95'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 20°47' E	1615.87'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	273.51'	191.06'	N 74°21' E	250.74'
C2	534.58'	805.07'	S 39°56' E	524.81'
C3	742.75'	5063.52'	S 30°22' E	742.09'
C4	1102.81'	2128.06'	S 22°27' E	1090.51'
C5	599.76'	4595.94'	S 14°57' E	599.35'

LATERAL		
ID	BEARING	DISTANCE
L4	S 23°00' E	3045.00'
L5	S 22°59' E	3744.53'

SLS
Land & Energy Development
Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634
 www.slsurveys.com



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

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- STORAGE WELL
- GRANT DISTRICT TAX MAP-PARCEL

SCALE 1" = 2000'
 DATE DECEMBER 10, 20 12
 REVISED 12/11/15, 02/16/16 & 04/04/16
 OPERATORS WELL NO. WV 514364
 API WELL NO. 47 103 03153 MGA
 STATE COUNTY PERMIT

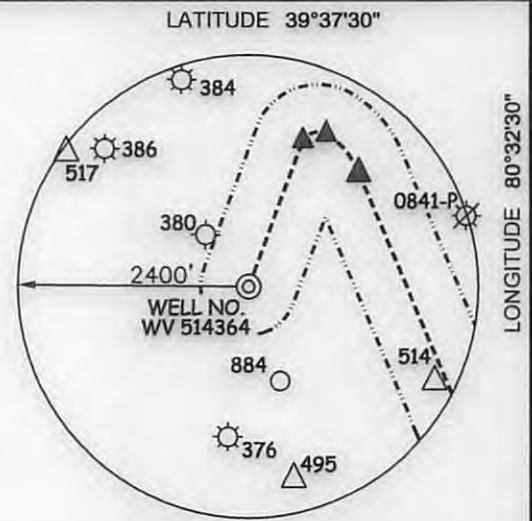
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

COUNTY NAME _____
 PERMIT _____

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

06/24/2016

BIG245
WV 514364
EQT PRODUCTION COMPANY



NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.

A	BLUE GRASS ET LLC	138.93 ACRES±	G-TM-8-22
B	JOHN M. BYARD	71.60 ACRES±	G-TM-8-15
C	JAMES A. & FLORENCE D. YOHO	61 ACRES±	G-TM-8-28
D	JOE PIGG	82.4 ACRES±	G-TM-8-32
E	DORN & LAVENA HIGGINBOTHAM	196.21 ACRES±	G-TM-8-53
F	SHERILYN SNIDER	55.52 ACRES±	G-TM-9-28
G	SHERILYN SNIDER	20 ACRES±	G-TM-8-54
H	DONALD DULANY ET AL	22 ACRES±	G-TM-9-40.1
I	MARY & HUGH BYARD HRS	15 ACRES±	G-TM-8-29
J	WANDA BYARD	59.16 ACRES±	G-TM-8-8
K	NORMAN DERBY	83 ACRES±	G-TM-14-7
L	ESTHER COEN	59.5 ACRES±	G-TM-14-8
M	NEAL UTT	51 ACRES±	G-TM-8-14
N	IKEY JOE WILLEY	76.27 ACRES±	G-TM-8-21
O	DORN HIGGINBOTHAM ET AL	7.1 ACRES±	G-TM-8-24
P	JAMES & JIM YOHO	7.5 ACRES±	G-TM-8-30
Q	JAMES & JIM YOHO	3 ACRES±	G-TM-8-31
R	JAMES YOHO	23.25 ACRES±	G-TM-8-26
S	JAMES YOHO	6.25 ACRES±	G-TM-8-25
T	JAMES YOHO	21.75 ACRES±	G-TM-8-27
U	MARY WRIGHT ET AL	46 ACRES±	G-TM-9-63
V	JAMES & FLORENCE YOHO	27 ACRES±	G-TM-9-13
W	WILLIAM SCHLEICHER	38 ACRES±	G-TM-9-29
X	SHERILYN SNIDER	24 ACRES±	G-TM-9-40
Y	NORMAN DERBY	61.51 ACRES±	G-TM-9-52
Z	TERRI DERBY	0.09 ACRES±	G-TM-9-40.2
AA	NORMAN & VIVIAN DERBY	0.005 ACRES±	G-TM-9-40.3
BB	NORMAN & VIVIAN DERBY	1 ACRES±	G-TM-9-52.1
CC	TERRI & JASON BEATY	0.61 ACRES±	G-TM-9-65
DD	JAMES & FLORENCE YOHO	17.6 ACRES±	G-TM-9-22
EE	NORMAN & VIVIAN DERBY	32.9 ACRES±	G-TM-9-53
FF	JACK & LEANNA BARNETTE	17.4 ACRES±	G-TM-9-54
GG	LEONARD RICE ET AL	55 ACRES±	G-TM-14-9
HH	JOHN WYCOFF	29 ACRES±	G-TM-14-10
II	JACK & LEANNA BARNETTE	18.4 ACRES±	G-TM-9-55
JJ	WILLIAM SCHLEICHER	11.56 ACRES±	G-TM-9-41
KK	STEPHEN & CAROLYN GANTZ	119 ACRES±	G-TM-9-23
LL	HURSEL WILLEY	20.08 ACRES±	G-TM-9-17
MM	JEREMY COLLINS ET AL	148.7 ACRES±	G-TM-13-27.1
NN	MARY HIGGINBOTHAM	30.1 ACRES±	G-TM-13-9
OO	MIKE & MADELINE WHITE	40.13 ACRES±	G-TM-8-2
PP	THOMAS & CHERYL LEASURE	51.80 ACRES±	G-TM-3-30
QQ	JAMES & MARTIN STONEKING	19.12 ACRES±	G-TM-8-7
RR	GARNET GAS CORPORATION	0.47 ACRES±	G-TM-8-8.1
SS	COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO.	135.1 ACRES±	G-TM-13-45
TT	JOHN WYCOFF	6.2 ACRES±	G-TM-14-17
UU	JOHN WYCOFF	66.7 ACRES±	G-TM-14-18

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 400,713.83	E. 1,698,783.45
NAD'27 GEO.	LAT-(N) 39.595273	LONG-(W) 80.568924
NAD'83 UTM (M)	N. 4,382,936.01	E. 537,029.01
LANDING POINT		
NAD'27 S.P.C.(FT)	N. 401,889.67	E. 1,699,935.17
NAD'27 GEO.	LAT-(N) 39.598538	LONG-(W) 80.564887
NAD'83 UTM (M)	N. 4,383,300.11	E. 537,373.94
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 393,412.37	E. 1,703,533.57
NAD'27 GEO.	LAT-(N) 39.575382	LONG-(W) 80.551766
NAD'83 UTM (M)	N. 4,380,735.73	E. 538,513.26

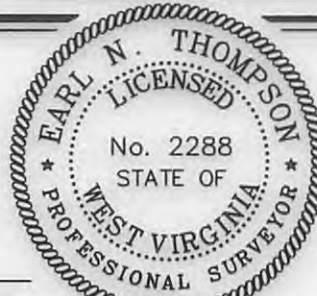
REFERENCES



ROYALTY OWNERS		
LIBERTY HOLDING COMPANY	71.6 AC±	LEASE NO. 988605
RAYMOND & PAMELA GASTON	61 AC±	LEASE NO. 125372
JORDAN Z. PIGG	100 AC±	LEASE NO. 125374
SHERILYN SNIDER	80 AC±	LEASE NO. 125424
SHERILYN SNIDER	20 AC±	LEASE NO. 125425
F.M. TUTTLE ESTATE ET AL	22 AC±	LEASE NO. 116735
SHERILYN SNIDER	62 AC±	LEASE NO. 125375
AMP FUND III, LP ET AL	83 AC±	LEASE NO. 125423
ESTHER COEN ET AL	59.5 AC±	LEASE NO. 125394

SLS
Land & Energy Development
 Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634
 www.slsurveyors.com

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.



P.S. 2288 Earl N. Thompson

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 10, 20 12

REVISED 12/11/15, 02/16/16 & 04/04/16

OPERATORS WELL NO. WV 514364

API WELL NO. 47-103-03153 HVA
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514364R3.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE SEE NOTE 2

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

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

LOCATION: (GROUND) (PROPOSED)
 ELEVATION 1,482' 1,430' WATERSHED TRIBUTARY OF ROCKCAMP RUN

DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER BLUE GRASS ET LLC ACREAGE 138.93±

ROYALTY OWNER SHIBEN ESTATES INC. ACREAGE 140±

PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION GENESEO
 ESTIMATED DEPTH 7,370'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME
 PERMIT

06/24/2016