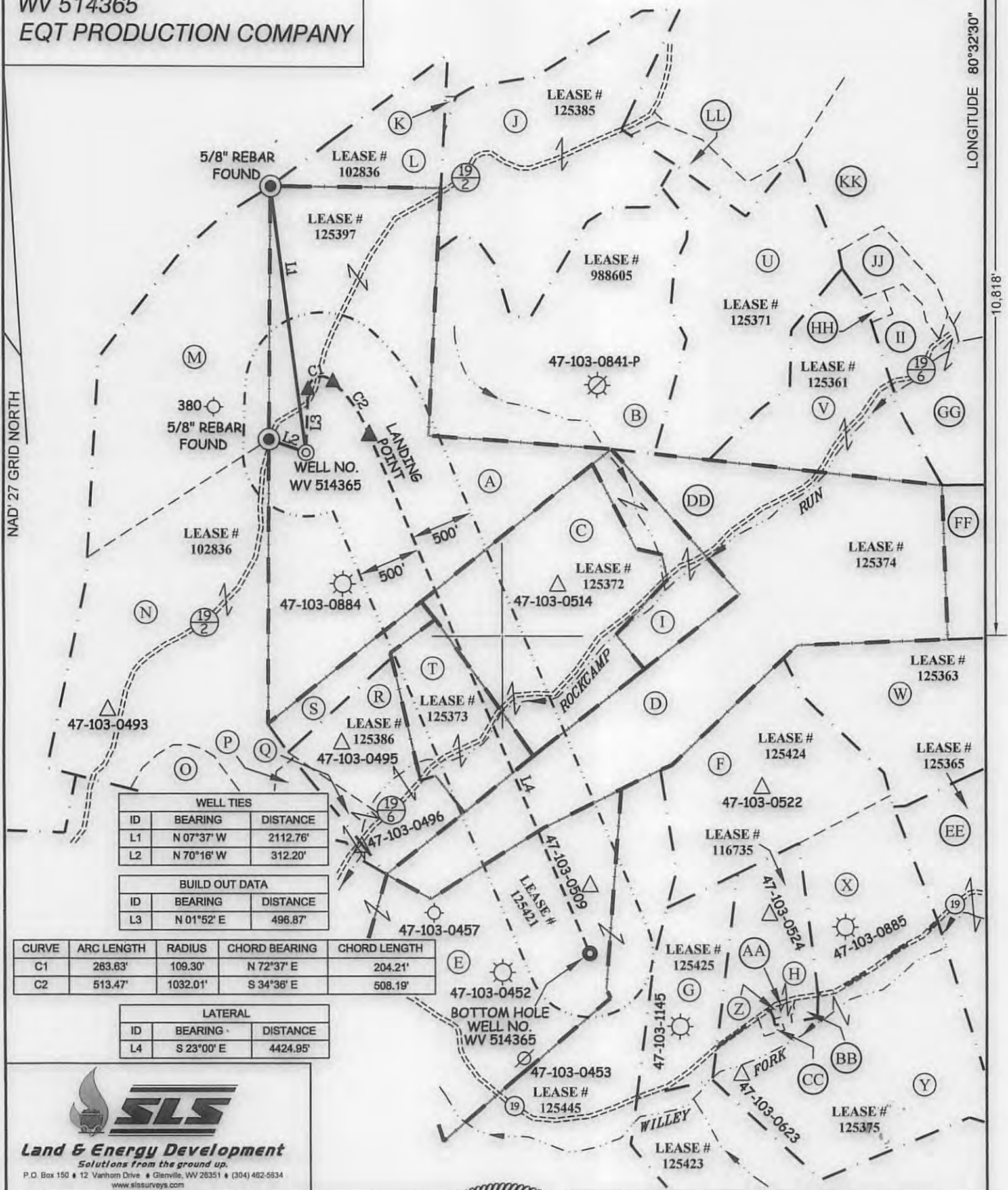


BIG245
WV 514365
EQT PRODUCTION COMPANY

NAD'27 GRID NORTH

LONGITUDE 80°32'30"

10,818'



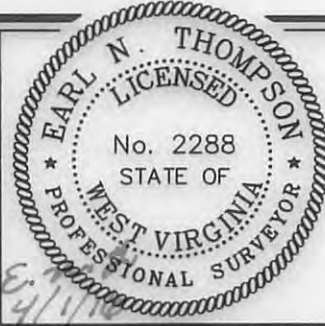
WELL TIES		
ID	BEARING	DISTANCE
L1	N 07°37' W	2112.76'
L2	N 70°16' W	312.20'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 01°52' E	496.87'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	283.63'	109.30'	N 72°37' E	204.21'
C2	513.47'	1032.01'	S 34°36' E	508.19'

LATERAL		
ID	BEARING	DISTANCE
L4	S 23°00' E	4424.95'

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

06/24/2016

SCALE 1" = 1000'
 DATE DECEMBER 10, 2012
 REVISED 12/11/15 & 04/01/16
 OPERATORS WELL NO. WV 514365
 API WELL NO. 47-103-03154 HGA
 NO. 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**

BIG245
WV 514365
EQT PRODUCTION COMPANY

LATITUDE 39°37'30"

LONGITUDE 80°32'30"



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'.

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

NAD'27 S.P.C.(FT) N. 400,723.66 E. 1,698,785.28
 NAD'27 GEO. LAT-(N) 39.595300 LONG-(W) 80.568918
 NAD'83 UTM (M) N. 4,382,939.01 E. 537,029.52

LANDING POINT

NAD'27 S.P.C.(FT) N. 400,862.97 E. 1,699,284.92
 NAD'27 GEO. LAT-(N) 39.595698 LONG-(W) 80.567151
 NAD'83 UTM (M) N. 4,382,984.00 E. 537,181.04

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 396,789.68 E. 1,701,013.63
 NAD'27 GEO. LAT-(N) 39.584572 LONG-(W) 80.560847
 NAD'83 UTM (M) N. 4,381,751.83 E. 537,728.38

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. & FLORIENCE 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	GARNET GAS CORPORATION	0.47 ACRES±	G-TM-8-8.1
L	JAMES & MARTIN STONEKING	19.12 ACRES±	G-TM-8-7
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	STEPHEN GRANTZ ET AL	119 ACRES±	G-TM-9-23
GG	LOSSIE WATSON ET AL	20.08 ACRES±	G-TM-9-17
HH	WILLEY CEMETERY	0.80 ACRES±	G-TM-9-14
II	TERRY LIVELY ET AL	8.82 ACRES±	G-TM-9-15
JJ	HURSEL WILLEY ET AL	11.3 ACRES±	G-TM-9-09
KK	JOHN SEIWELL	36.5 ACRES±	G-TM-9-05
LL	MARY WRIGHT ET AL	4.25 ACRES±	G-TM-8-63

ROYALTY OWNERS		
RAYMOND & PAMELA GASTON	61 AC.±	LEASE NO. 125372
JAMES YOHO ET AL	22 AC.±	LEASE NO. 125373
JORDAN Z. PIGG	100 AC.±	LEASE NO. 125374
DORN H. HIGGINBOTHAM ET AL	73 AC.±	LEASE NO. 125421

REFERENCES



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. *Earl N. Thompson*
 2288



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 10, 20 12
 REVISED 12/11/15, 04/01/16
 OPERATORS WELL NO. WV 514365
 API WELL NO. 47 - 103 - 03154 *AKA*
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514365R2.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 1,480' 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± LEASE NO. 125397

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 MIDDLESEX
 ESTIMATED DEPTH 7,241'

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