

**BIG245**  
**WV 514363**  
**EQT PRODUCTION COMPANY**

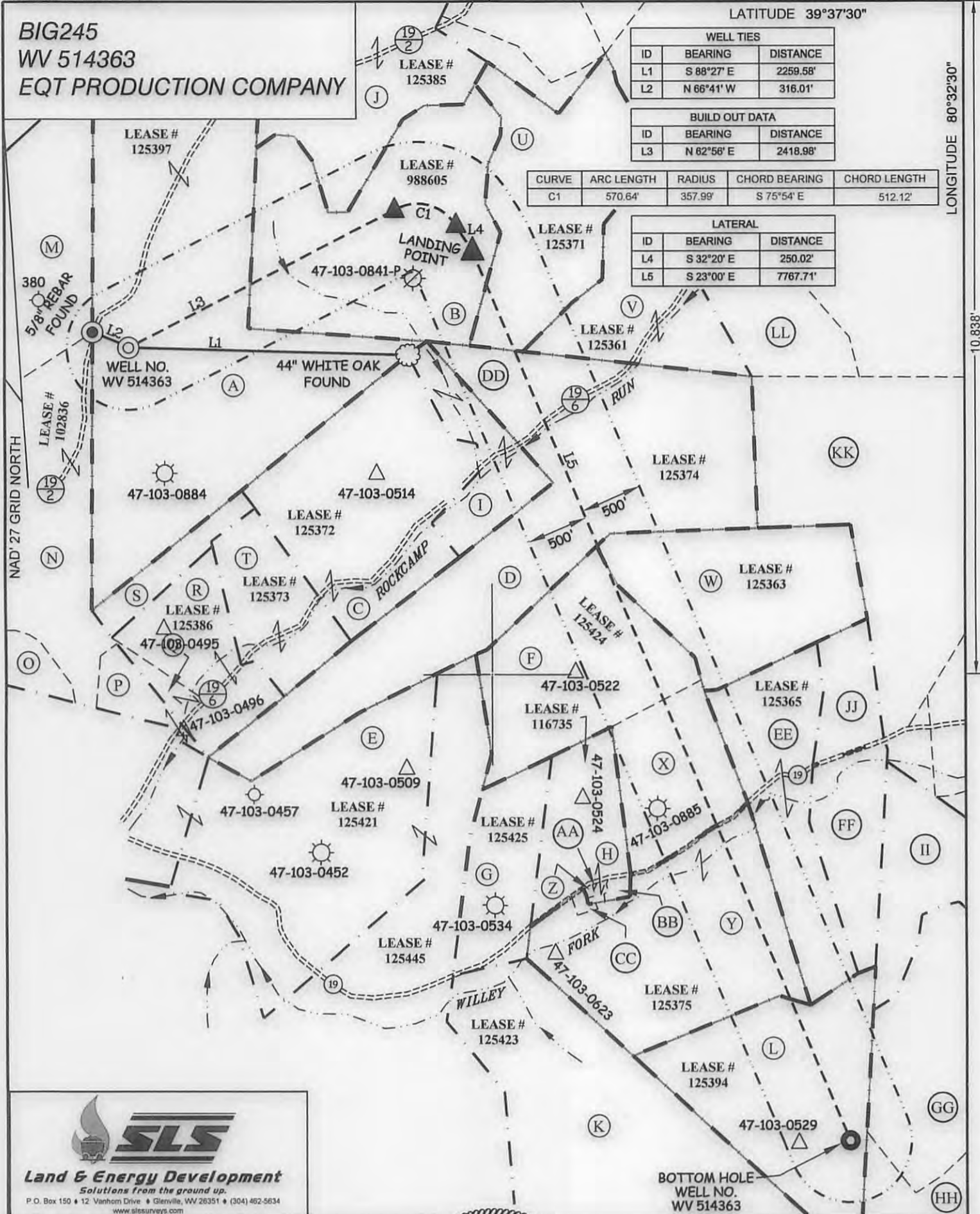
LATITUDE 39°37'30"

WELL TIES		
ID	BEARING	DISTANCE
L1	S 88°27' E	2259.58'
L2	N 66°41' W	316.01'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 62°56' E	2418.98'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	570.64'	357.99'	S 75°54' E	512.12'

LATERAL		
ID	BEARING	DISTANCE
L4	S 32°20' E	250.02'
L5	S 23°00' E	7767.71'



LONGITUDE 80°32'30"

10,838'

NAD'27 GRID NORTH

**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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)		
NAD'27 S.P.C.(FT)	N. 400,704.00	E. 1,698,781.62
NAD'27 GEO.	LAT-(N) 39.595246	LONG-(W) 80.568931
NAD'83 UTM (M)	N. 4,382,933.01	E. 537,028.51
<u>LANDING POINT</u>		
NAD'27 S.P.C.(FT)	N. 401,468.67	E. 1,701,566.08
NAD'27 GEO.	LAT-(N) 39.597435	LONG-(W) 80.559082
NAD'83 UTM (M)	N. 4,383,180.16	E. 537,872.96
<u>BOTTOM HOLE</u>		
NAD'27 S.P.C.(FT)	N. 394,318.49	E. 1,704,601.25
NAD'27 GEO.	LAT-(N) 39.577904	LONG-(W) 80.548016
NAD'83 UTM (M)	N. 4,381,017.23	E. 538,833.95

SCALE 1" = 1000'

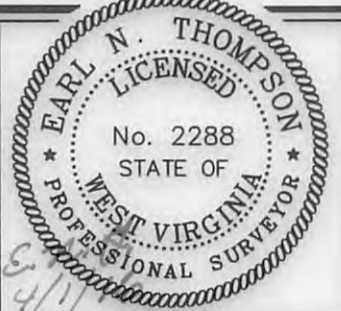
DATE DECEMBER 10, 20 12

REVISED 12/08/15 & 04/01/16

OPERATORS WELL NO. WV 514363

API WELL NO. 47 — 103 — 03152 HLA

NO. STATE COUNTY PERMIT



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

(+) 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

G-TM-00-00

COUNTY NAME PERMIT

06/24/2016

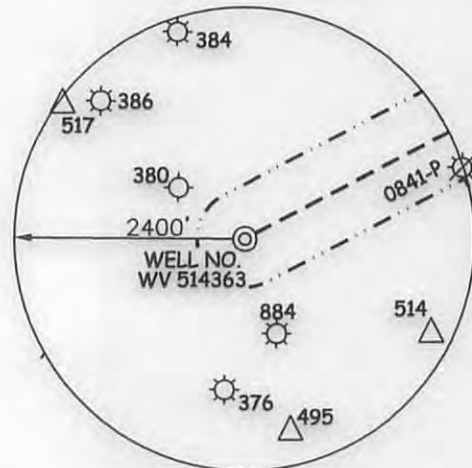
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

**BIG245**  
**WV 514363**  
**EQT PRODUCTION COMPANY**

LATITUDE 39°37'30"

LONGITUDE 80°32'30"



10,838'

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**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

ROYALTY OWNERS		
LIBERTY HOLDING COMPANY	71.6 AC±	LEASE NO. 988605
JOSEPH F. & NONDIS A KIGER	46 AC±	LEASE NO. 125371
JORDAN Z. PIGG	100 AC±	LEASE NO. 125374
WILLIAM SCHLEICHER	48 AC±	LEASE NO. 125363
SHERILYN SNIDER	80 AC±	LEASE NO. 125424
SHERILYN SNIDER	62 AC±	LEASE NO. 125375
ESTHER R. COEN ET AL	59.5 AC±	LEASE NO. 125394



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 12/08/15 & 04/01/16  
OPERATORS WELL NO. WV 514363  
API WELL NO. 47 - 103 - 03152 HGA  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514363R3.dwg  
SCALE SEE NOTE 2  
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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 1,483' 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 MARCELLUS  
ESTIMATED DEPTH 7,511'

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