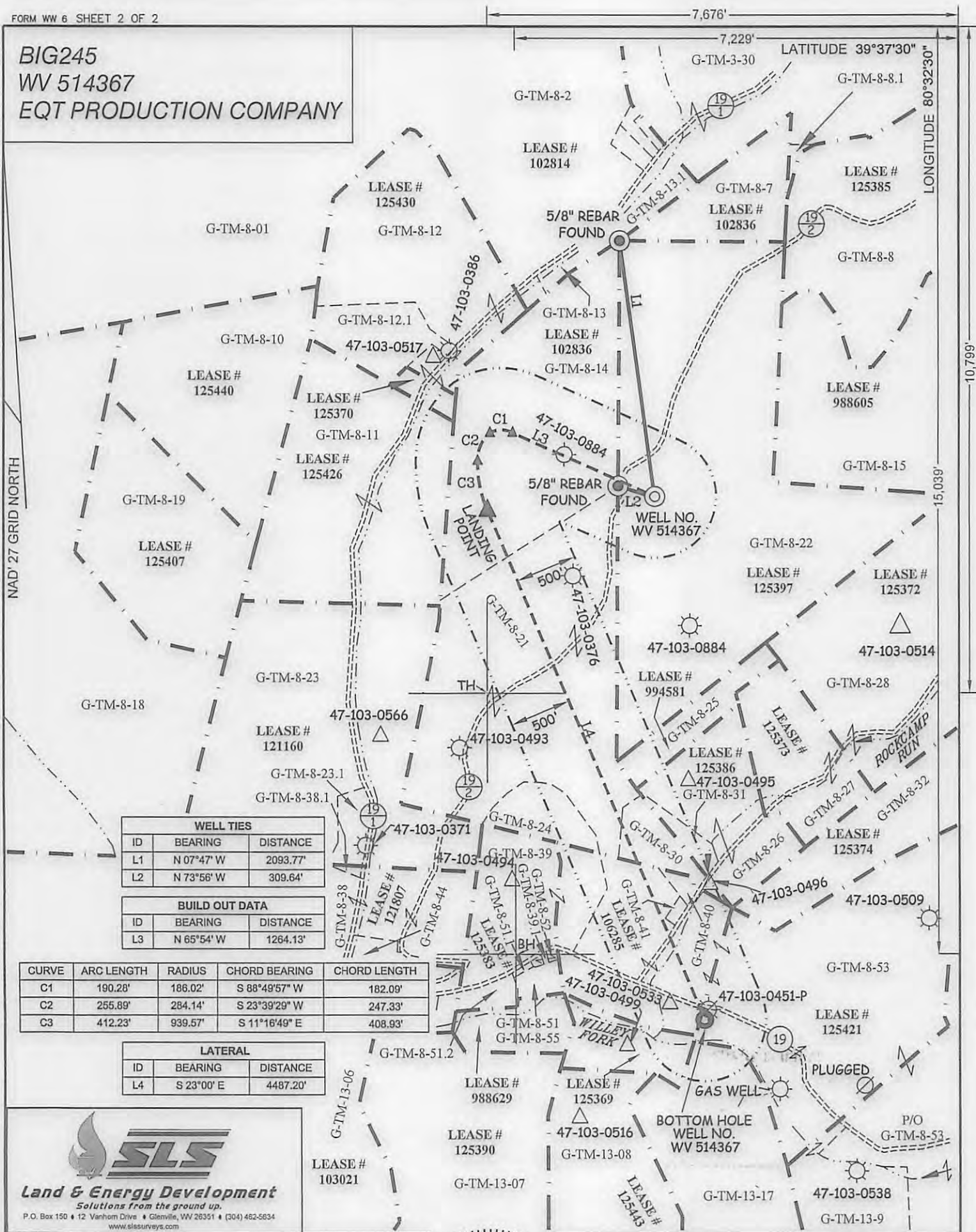


BIG245
WV 514367
EQT PRODUCTION COMPANY



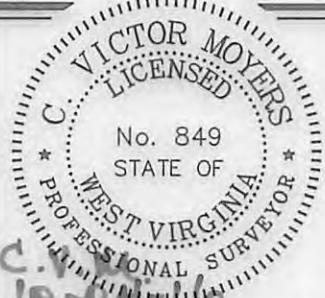
WELL TIES		
ID	BEARING	DISTANCE
L1	N 07°47' W	2093.77'
L2	N 73°56' W	309.64'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 65°54' W	1264.13'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	190.28'	186.02'	S 88°49'57" W	182.09'
C2	255.89'	284.14'	S 23°39'29" W	247.33'
C3	412.23'	939.57'	S 11°16'49" E	408.93'

LATERAL		
ID	BEARING	DISTANCE
L4	S 23°00' E	4487.20'

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" = 1000'** FILE NO. **7812P514367R**
 DATE **OCTOBER 04**, 20 **16**
 REVISED _____, 20 _____
 OPERATORS WELL NO. **WV 514367**
 API WELL NO. **47** STATE **103** COUNTY **03174** PERMIT **103**

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



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

03/03/2017

BIG245
WV 514367
EQT PRODUCTION COMPANY

G-TM-3-30	THOMAS & CHERYL LEASURE	51.80 ACRES±
G-TM-8-1	DANNY STOCKSLAGER ET AL	170 ACRES±
G-TM-8-2	MIKE & MADELINE WHITE	40.13 ACRES±
G-TM-8-7	JAMES & MARTIN STONEKING	19.12 ACRES±
G-TM-8-8	WANDA BYARD	59.16 ACRES±
G-TM-8-8-1	GARNET GAS CORPORATION	0.47 ACRES±
G-TM-8-10	GARLAND MINOR	48.1 ACRES±
G-TM-8-11	BONNIE HENTHORNE	63.5 ACRES±
G-TM-8-12	SHIRLEY TITUS	41.9 ACRES±
G-TM-8-12.1	DALE SAPP ET AL	10.1 ACRES±
G-TM-8-13	NEAL UTT	3.75 ACRES±
G-TM-8-13.1	DUANE GOODRICH	3.56 ACRES±
G-TM-8-14	NEAL UTT	51 ACRES±
G-TM-8-15	JOHN M. BYARD	71.60 ACRES±
G-TM-8-18	COASTAL FOREST RESOURCES CO. d/b/a COASTAL TIMBERLANDS CO.	337 ACRES±
G-TM-8-19	PHILLIP & KIMBERLY SHREVE	46.45 ACRES±
G-TM-8-21	IKKEY JOE WILLEY	76.27 ACRES±
G-TM-8-22	ET BLUE GRASS LLC	138.93 ACRES±
G-TM-8-23	DALE DULANEY ET AL	70.81 ACRES±
G-TM-8-23.1	JAMES DULANEY	3.19 ACRES±
G-TM-8-24	DORN HIGGINBOTHAM ET AL	7.1 ACRES±
G-TM-8-25	JAMES YOHO	6.25 ACRES±
G-TM-8-26	JAMES YOHO	23.25 ACRES±
G-TM-8-27	JAMES YOHO	21.75 ACRES±
G-TM-8-28	JAMES & FLORENCE YOHO	61 ACRES±
G-TM-8-30	JAMES & JIM YOHO	7.50 ACRES±
G-TM-8-32	JOE PIGG	82.4 ACRES±
G-TM-8-38	DALE & SHERRY DULANEY	28.82 ACRES±
G-TM-8-38.1	JAMES DULANEY	0.137 ACRES±
G-TM-8-39	DORN HIGGINBOTHAM ET AL	23.62 ACRES±
G-TM-8-39.1	HENRY WILLEY	0.12 ACRES±
G-TM-8-40	JAMES & JIM YOHO	0.50 ACRES±
G-TM-8-41	DORN HIGGINBOTHAM ET AL	72 SQ. RODS±
G-TM-8-44	ELIAS LEASURE JR.	1.6 ACRES±
G-TM-8-51	HENRY WILLEY	2.34 ACRES±
G-TM-8-51.1	HENRY WILLEY	0.19 ACRES±
G-TM-8-51.2	GERALD & EMMA WHITE	2.82 ACRES±
G-TM-8-52	HENRY WILLEY	0.26 ACRES±
G-TM-8-53	DORN HIGGINBOTHAM	196.21 ACRES±
G-TM-8-55	MANSEL McDIFFITT ET AL	9.25 ACRES±
G-TM-13-07	MANSEL McDIFFITT ET AL	51.8 ACRES±
G-TM-13-08	ROBERT & ALFRED COLE	36 ACRES±
G-TM-13-09	MARY HIGGINBOTHAM	30.1 ACRES±
G-TM-13-17	MARY HIGGINBOTHAM	112 ACRES±

ROYALTY OWNERS		
SHIBEN ESTATES, INC. ET AL	160.12 AC.±	LEASE NO. 102836
FREDRIC G. RICHTER ET AL	40 AC.±	LEASE NO. 106285
H. DORN HIGGINBOTHAM ET AL	73 AC.±	LEASE NO. 125421



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. C. Victor Moyers
 849



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE OCTOBER 04, 20 16
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 514367
 API WELL NO. 47-103-03174
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514367R.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 INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: (GROUND) (PROPOSED)
 ELEVATION 1,477' 1,430' WATERSHED TRIBUTARY OF ROCKCAMP RUN
 DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER ET BLUE GRASS 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 7,532'

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

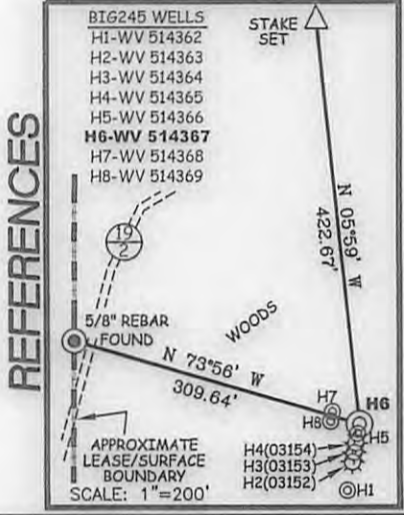


NOTES ON SURVEY

- 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.
- 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. 400,743.32	E. 1,698,788.94
NAD'27 GEO.	LAT-(N) 39.595354	LONG-(W) 80.568906
NAD'83 UTM (M)	N. 4,382,945.02	E. 537,030.54
LANDING POINT		
NAD'27 S.P.C.(FT)	N. 400,628.35	E. 1,697,433.74
NAD'27 GEO.	LAT-(N) 39.594994	LONG-(W) 80.573710
NAD'83 UTM (M)	N. 4,382,903.09	E. 536,618.24
BOTTOM HOLE		
NAD'27 S.P.C.(FT)	N. 396,497.88	E. 1,699,187.07
NAD'27 GEO.	LAT-(N) 39.583712	LONG-(W) 80.567315
NAD'83 UTM (M)	N. 4,381,653.63	E. 537,173.37



10,799' 15,030'