

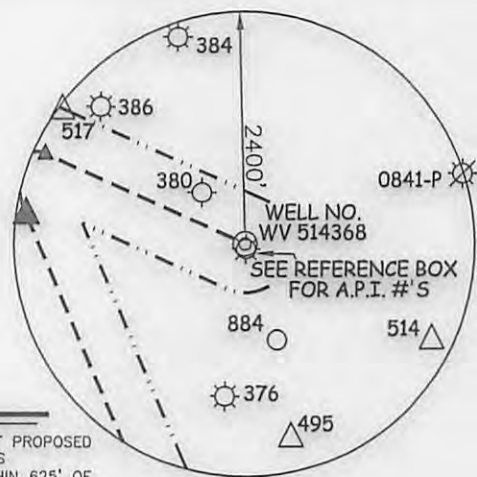
BIG245
WV 514368
EQT PRODUCTION COMPANY

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	DALH 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	IKBY 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 AC±	LEASE NO. 102836
DEWEY J. TAYLOR ET AL	3 AC±	LEASE NO. 125370
MARGARET DOUGLAS MASTIN ELROD ET AL	52 AC±	LEASE NO. 125430
BONNIE M. HENTHORNE	64 AC±	LEASE NO. 125426
ACROPOLIS INC. ET AL	74 AC±	LEASE NO. 121160
TRIO PETROLEUM AND WACO OIL & GAS	26 AC±	LEASE NO. 125383
FREDRIC G. RICHTER ET AL	40 AC±	LEASE NO. 106285
ERNA E. SOLE JR.	10 AC±	LEASE NO. 125369

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. 400,756.18	E. 1,698,760.82
NAD'27 GEO.	LAT-(N) 39.595388	LONG-(W) 80.569007
NAD'83 UTM (M)	N. 4,382,948.80	E. 537,021.90

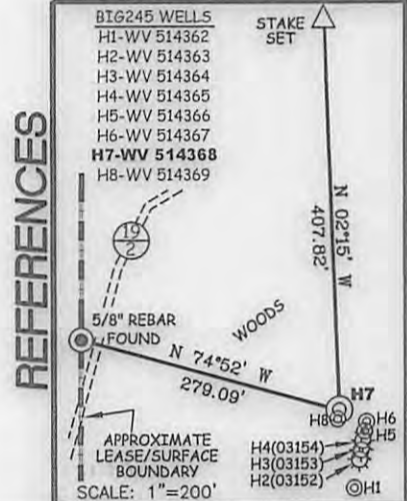
LANDING POINT

NAD'27 S.P.C.(FT)	N. 401,064.77	E. 1,696,488.05
NAD'27 GEO.	LAT-(N) 39.596161	LONG-(W) 80.577084
NAD'83 UTM (M)	N. 4,383,031.23	E. 536,327.90

BOTTOM HOLE

NAD'27 S.P.C.(FT)	N. 396,221.75	E. 1,698,543.83
NAD'27 GEO.	LAT-(N) 39.582933	LONG-(W) 80.569585
NAD'83 UTM (M)	N. 4,381,566.22	E. 536,978.80

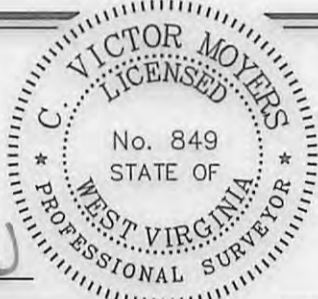
TH



SLS
Land & Energy Development
Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5034
 www.slsurveys.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. 849 *C. Victor Moyers*



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

DATE OCTOBER 04, 20 16

REVISED _____, 20 _____

OPERATORS WELL NO. WV 514368

API WELL NO. 47 - 103 - 03175 HUA

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514368R.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 ET BLUE GRASS LLC ACREAGE 138.93±

ROYALTY OWNER SHIBEN ESTATES INC. ACREAGE 140± **03/03/2017**

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

BOTTOM HOLE LONGITUDE 80°32'30" 147'

987.10'

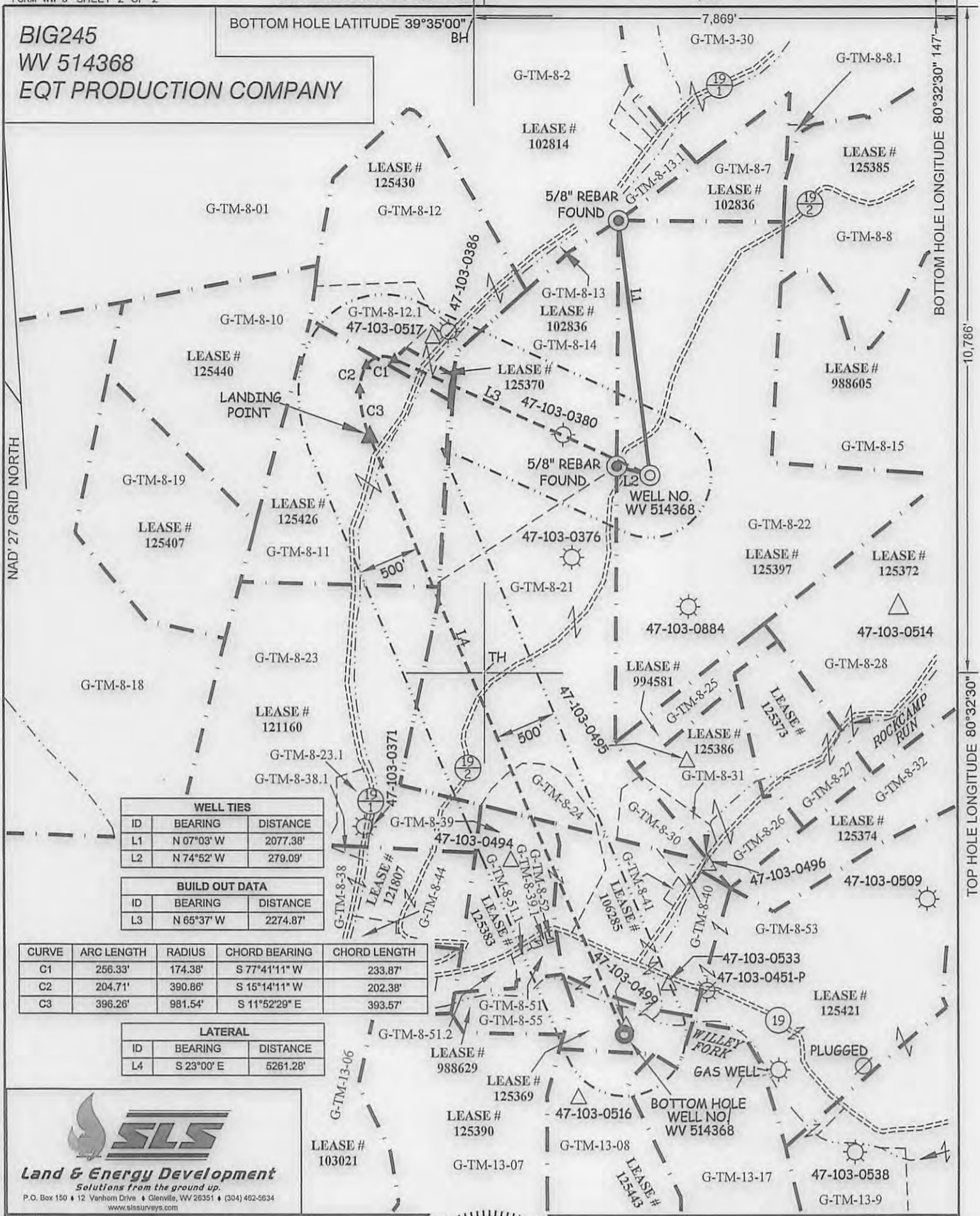
TOP HOLE LONGITUDE 80°32'30"

COUNTY NAME

PERMIT

BIG245
WV 514368
EQT PRODUCTION COMPANY

BOTTOM HOLE LATITUDE 39°35'00" BH



WELL TIES		
ID	BEARING	DISTANCE
L1	N 07°03' W	2077.38'
L2	N 74°52' W	279.09'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 65°37' W	2274.87'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	256.33'	174.38'	S 77°41'11" W	233.87'
C2	204.71'	390.86'	S 15°14'11" W	202.38'
C3	396.26'	981.54'	S 11°52'29" E	393.57'

LATERAL		
ID	BEARING	DISTANCE
L4	S 23°00' E	5261.28'

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(+) 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. 7812P514368R
 DATE OCTOBER 04, 2016
 REVISED _____, 20____
 OPERATORS WELL NO. WV 514368
 API WELL NO. 47-103-03175
 NO. STATE COUNTY PERMIT

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

NAD'27 GRID NORTH

BOTTOM HOLE LONGITUDE 80°32'30" 147'

10,786'

TOP HOLE LONGITUDE 80°32'30"

COUNTY NAME

PERMIT

03/03/2016