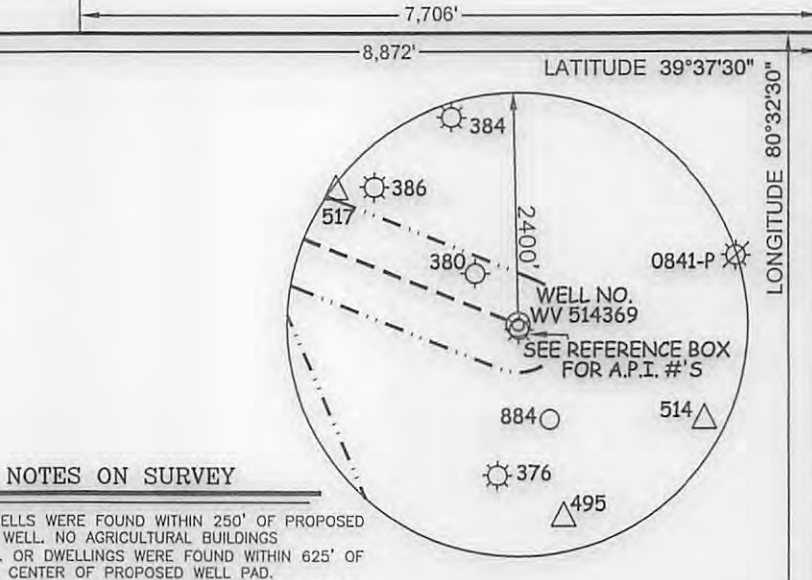


**BIG245**  
**WV 514369**  
**EQT PRODUCTION COMPANY**

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	IKEY 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-8-35	DEBORAH FRONCZEK ET AL	15.50 ACRES±
G-TM-8-36	JAMES & KAREN DULANEY	14.1 ACRES±
G-TM-8-37	JAMES & KAREN DULANEY	14.1 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±

ROYALTY OWNERS		
SHIBEN ESTATES, INC. ET AL	160.12 AC.±	LEASE NO. 102838
DEWEY J. TAYLOR ET AL	3 AC.±	LEASE NO. 125370
BONNIE M. HENTHORNE	64 AC.±	LEASE NO. 125428
MICHAEL JAY MYERS ET AL	119 AC.±	LEASE NO. 125440
ACROPOLIS INC. ET AL	74 AC.±	LEASE NO. 121160
CHESAPEAKE APPALACHIA LLC ET AL	60 AC.±	LEASE NO. 121807
TRIO PETROLEUM AND WACO OIL & GAS	26 AC.±	LEASE NO. 125393



**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)

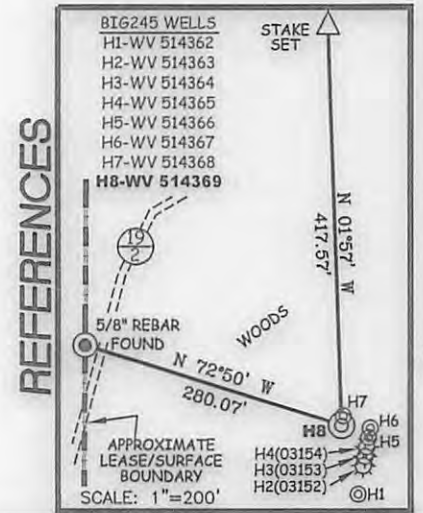
NAD'27 S.P.C.(FT)	N. 400,746.35	E. 1,698,758.99
NAD'27 GEO.	LAT-(N) 39.595361	LONG-(W) 80.589013
NAD'83 UTM (M)	N. 4,382,945.79	E. 537,021.40

**LANDING POINT**

NAD'27 S.P.C.(FT)	N. 401,272.62	E. 1,695,639.36
NAD'27 GEO.	LAT-(N) 39.596703	LONG-(W) 80.580105
NAD'83 UTM (M)	N. 4,383,090.24	E. 536,068.28

**BOTTOM HOLE**

NAD'27 S.P.C.(FT)	N. 396,777.59	E. 1,697,547.43
NAD'27 GEO.	LAT-(N) 39.584426	LONG-(W) 80.573143
NAD'83 UTM (M)	N. 4,381,730.49	E. 536,672.41



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 514369  
 API WELL NO. 47-103-03176 HGA  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812P514369R.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 1,481' 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±

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

967.10

14.775

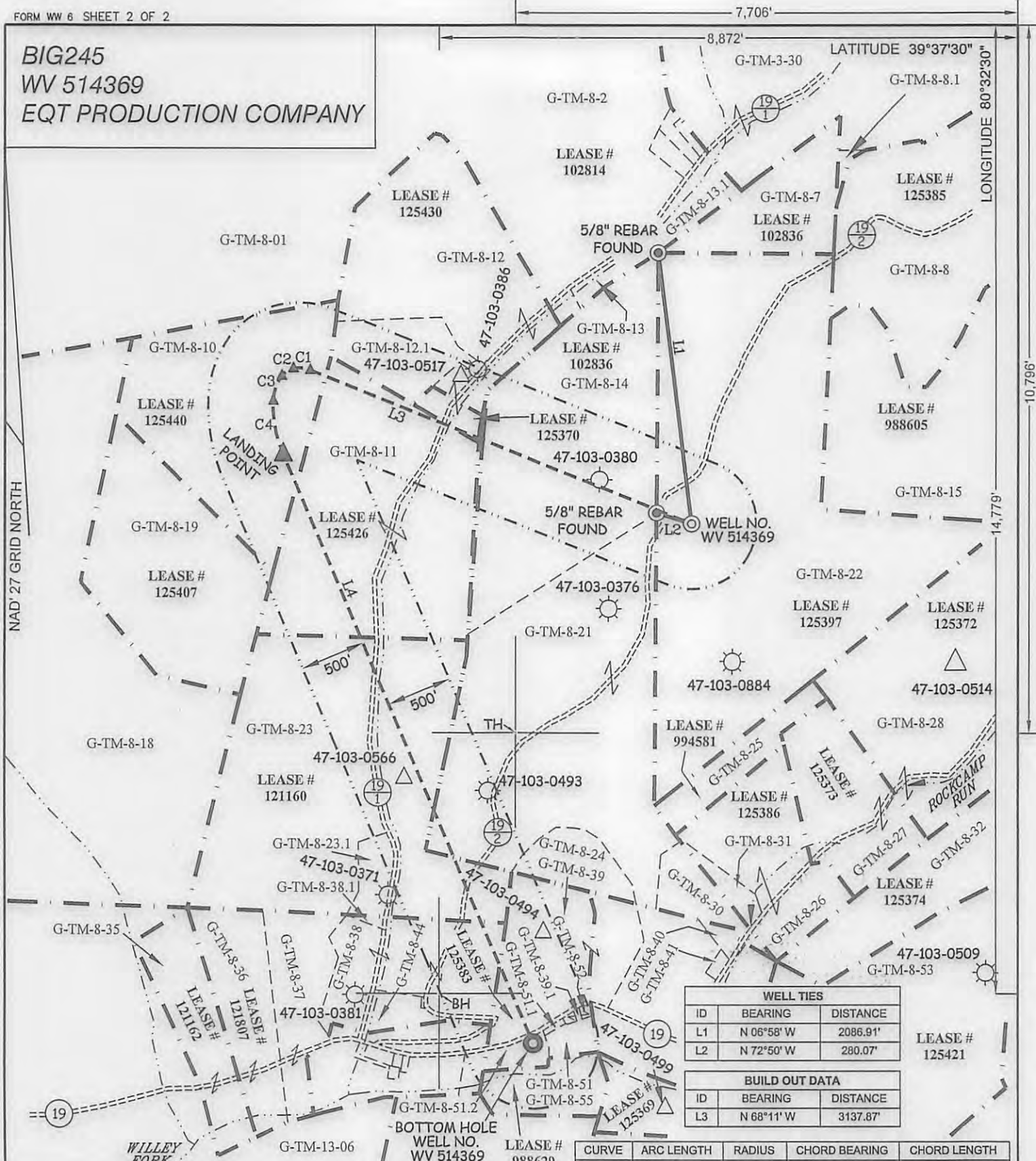
COUNTY NAME

PERMIT

03/03/2017



**BIG245**  
**WV 514369**  
**EQT PRODUCTION COMPANY**



WELL TIES		
ID	BEARING	DISTANCE
L1	N 06°58' W	2086.91'
L2	N 72°50' W	280.07'

BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	N 68°11' W	3137.87'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C2	131.78'	208.63'	N 84°00'13\" W	129.60'
C3	107.40'	165.83'	S 57°21'20\" W	105.53'
C4	203.39'	357.08'	S 19°09'54\" W	200.66'
C4	417.72'	886.22'	S 10°45'43\" E	413.86'

LATERAL		
ID	BEARING	DISTANCE
L5	S 23°00' E	4883.24'

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

LEASE # 103021  
 LEASE # 125390  
 LEASE # 125443  
 G-TM-13-07

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

G-00-00

SCALE 1" = 1000' FILE NO. 7812P514369R  
 DATE OCTOBER 04, 2016  
 REVISED \_\_\_\_\_, 20\_\_\_\_  
 OPERATORS WELL NO. WV 514369  
 API WELL NO. 47-103-03176  
 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 BRIDGEPORT, WV 26330** ADDRESS **115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330**

LONGITUDE 80°32'30" NAD'27 GRID NORTH 14,779' COUNTY NAME PERMIT

03/03/2017