

# EQT PRODUCTION CO. WELL NO. WV 514214 CORDER LEASE

LATITUDE 39°20'00"

LINE	BEARING	DISTANCE
L1	S 20°00'00" W	381.00'
L2	S 60°00'00" W	123.00'
L3	S 82°00'00" W	411.00'
L4	S 80°15'00" W	417.00'
L5	N 80°15'00" W	208.33'
L6	S 20°15'00" W	71.75'
L7	N 80°00'00" W	231.00'
L8	S 30°00'00" W	126.67'
L9	N 22°00'00" W	541.00'
L10	S 50°15'00" W	675.00'
L11	N 50°15'00" W	261.00'
L12	S 30°00'00" E	126.67'
L13	N 72°00'00" E	386.72'
L14	N 50°00'00" W	584.00'
L15	N 22°00'00" E	1084.00'
L16	S 50°15'00" E	261.00'
L17	N 50°15'00" E	372.00'
L18	S 20°00'00" W	126.60'
L19	N 50°00'00" W	584.00'
L20	N 22°00'00" E	80.00'
L21	N 60°15'00" E	105.00'
L22	N 40°00'00" E	544.00'
L23	N 20°00'00" E	203.12'
L24	N 60°00'00" E	381.00'

LONGITUDE 80°10'00"  
7,069'

WELL NO. WV 514214  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)

N. 297,167.7  
E. 1,810,021.3

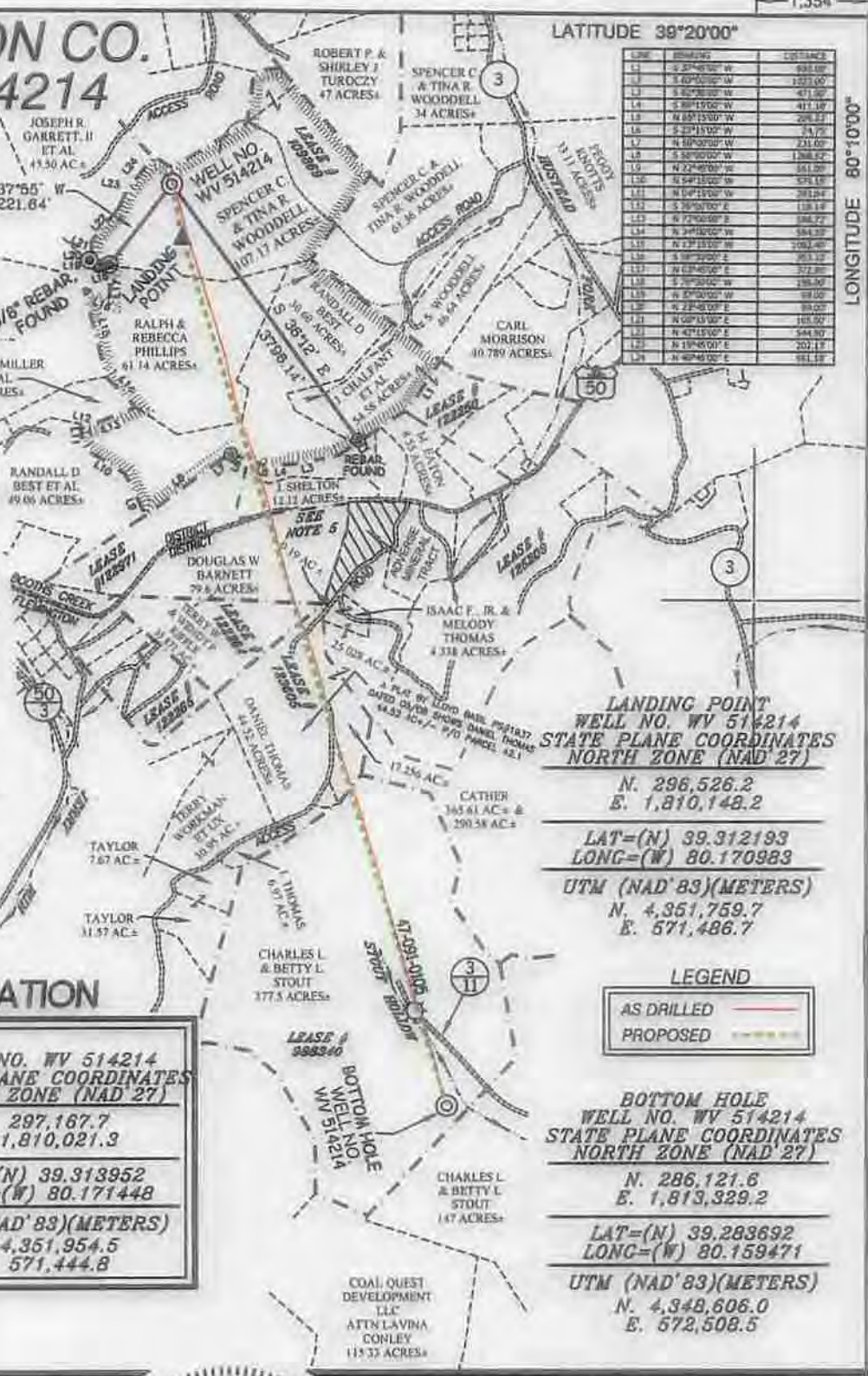
LAT=(N) 39.313952  
LONG=(W) 80.171448

UTM (NAD'83)(METERS)  
N. 4,351,954.5  
E. 571,444.8

### NOTES ON SURVEY

- TIES TO WELLS, CORNERS, AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'27.
- LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 59 PAGE 101 & DEED BOOK 224 PAGE 405.
- SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2013.
- WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).
- U.S. RT. 50 IN THIS AREA APPEARS TO BE PART OF THE OLD NORTHWESTERN TURNPIKE, A STRIP OF LAND CLAIMED IN FEE BY THE WVDOT. SLS RECOMMENDS PROPER LEGAL & LEASING (IF NEEDED) PROCEDURES BE TAKEN BEFORE DRILLING COMMENCES.
- PLAT DATED 04/19/10 REVISED 07/16/11 TO EXTEND HORIZONTAL LEG AND CHANGE BOTTOM HOLE COORDINATES. REVISED AGAIN 07/25/11 TO CHANGE SIX DIGIT WELL NUMBERS & REVISED 10/23/13 TO EXTEND LATERAL, ETC.
- NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 825 FEET OF CENTER OF PROPOSED WELL PAD.
- PLAT UPDATED ON 06/26/14 TO SHOW THE AS DRILLED PATH COORDINATES FROM INFORMATION PROVIDED BY EQT ON 03/27/14.

NORTH



LANDING POINT  
WELL NO. WV 514214  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)

N. 296,526.2  
E. 1,810,148.2

LAT=(N) 39.312193  
LONG=(W) 80.170983

UTM (NAD'83)(METERS)  
N. 4,351,759.7  
E. 571,486.7

### LEGEND

AS DRILLED	—
PROPOSED	—

### AS DRILLED INFORMATION

BOTTOM HOLE WELL NO. WV 514214 STATE PLANE COORDINATES NORTH ZONE (NAD'27)		WELL NO. WV 514214 STATE PLANE COORDINATES NORTH ZONE (NAD'27)	
N. 286,123.1	E. 1,813,336.0	N. 297,167.7	E. 1,810,021.3
LAT=(N) 39.283696	LONG=(W) 80.159696	LAT=(N) 39.313952	LONG=(W) 80.171448
UTM (NAD'83)(METERS) N. 4,348,606.4 E. 572,510.3		UTM (NAD'83)(METERS) N. 4,351,954.5 E. 571,444.8	

BOTTOM HOLE  
WELL NO. WV 514214  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)

N. 286,121.6  
E. 1,813,329.2

LAT=(N) 39.283692  
LONG=(W) 80.159471

UTM (NAD'83)(METERS)  
N. 4,348,606.0  
E. 572,508.5



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. 677  
*Gregory A. Smith*



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

DATE OCTOBER 23, 20 13

REVISED DATE AUGUST 26, 20 14

OPERATORS WELL NO. WV 514214

API WELL NO. 47-091-01247

STATE WV COUNTY BRIDGEPORT PERMIT 0919/2014

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7249ASDRILLED514214

PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2,000'

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: ELEVATION 1,587.5 (GROUND) / 1,590 (PROPOSED) WATERSHED CORBIN BRANCH & HUSTEAD FORK

DISTRICT BOOTH'S CREEK COUNTY TAYLOR QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER SPENCER C. & TINA R. WOODDELL ACREAGE 107.17±

ROYALTY OWNER PEGGY KNOTTS ET AL (310 AC±) / O.E. EVA L. CORDER ET AL (240 AC±) / W. DOUGLAS BARNETT ET AL (81 AC±)

PROPOSED WORK: RICHARD D. KNOTTS ET AL (40 AC±) / PEGGY KNOTTS ET AL (756 AC±) / JOHN C. STOUT ET AL (277.5 AC±) LEASE NO. 109889 / 125209 / 122071 / 122264 / 123605 / 998340

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 \_\_\_\_\_

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