

EQT PRODUCTION CO. WELL NO. WV 514301 CORDER LEASE

LATITUDE 39°20'00"

LINE	Bearing	Distance
L1	S 27°45'00" W	401.00'
L2	N 89°00'00" W	122.25'
L3	S 43°20'00" W	471.50'
L4	S 87°15'00" W	431.19'
L5	N 87°00'00" W	258.27'
L6	S 27°15'00" W	24.75'
L7	N 50°00'00" W	211.00'
L8	S 87°00'00" W	1268.00'
L9	N 27°45'00" W	361.00'
L10	N 84°15'00" W	179.11'
L11	N 64°15'00" W	280.64'
L12	S 27°00'00" E	118.25'
L13	N 27°00'00" E	688.57'
L14	N 27°00'00" W	184.13'
L15	N 13°15'00" W	1082.00'
L16	S 87°00'00" E	353.17'
L17	N 27°00'00" E	172.00'
L18	S 27°00'00" W	198.00'
L19	N 27°00'00" W	19.00'
L20	N 27°45'00" E	94.00'
L21	N 64°15'00" E	168.00'
L22	N 43°15'00" E	144.50'
L23	N 27°00'00" E	303.13'
L24	N 27°00'00" E	351.10'

LONGITUDE 80°10'00"
7.054'

**WELL NO. WV 514301
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)**

N. 297,174.4
E. 1,810,080.8

LAT=(N) 39.313972
LONG=(W) 80.171238

UTM (NAD'83)(METERS)
N. 4,351,956.9
E. 571,462.8

NOTES ON SURVEY

1. TIES TO WELLS, CORNERS, AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 59 PAGE 101 & DEED BOOK 224 PAGE 405.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2013.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).
5. 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 WVDH. SLS RECOMMENDS PROPER LEGAL & LEASING (IF NEEDED) PROCEDURES BE TAKEN BEFORE DRILLING COMMENCES.
6. PLAT DATED 04/19/10 REVISED 07/18/11 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 & REVISED 11/07/13 TO CONFORM WITH CURRENT DEP REGULATIONS, ETC.
7. 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.
8. PLAT UPDATED ON 07/16/14 TO SHOW THE AS DRILLED PATH COORDINATES FROM INFORMATION PROVIDED BY EDT ON 03/20/14

NORTH



**LANDING POINT
WELL NO. WV 514301
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)**

N. 296,282.5
E. 1,809,351.1

LAT=(N) 39.311508
LONG=(W) 80.173794

UTM (NAD'83)(METERS)
N. 4,351,681.4
E. 571,245

LEGEND

AS DRILLED	—————
PROPOSED	- - - - -

AS DRILLED INFORMATION

WELL NO. WV 514301 STATE PLANE COORDINATES NORTH ZONE (NAD 27)	WELL NO. WV 514301 STATE PLANE COORDINATES NORTH ZONE (NAD 27)
N. 285,412.2 E. 1,812,642.1	N. 297,174.4 E. 1,810,080.8
LAT=(N) 39.281730 LONG=(W) 80.161880	LAT=(N) 39.313972 LONG=(W) 80.171238
UTM (NAD'83)(METERS) N. 4,348,386.3 E. 572,302.8	UTM (NAD'83)(METERS) N. 4,351,956.9 E. 571,462.8

**BOTTOM HOLE
WELL NO. WV 514301
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)**

N. 285,418.9
E. 1,812,672.4

LAT=(N) 39.281749
LONG=(W) 80.161773

UTM (NAD'83)(METERS)
N. 4,348,388.5
E. 572,311.9



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 NOVEMBER 11, 20 13

REVISED DATE JULY 16, 20 14

OPERATORS WELL NO. WV 514301

API WELL NO. 47-091-01250

STATE WEST VIRGINIA COUNTY ROSEMONT PERMIT 1250

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7249PASDRILLED514301

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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,586' (GROUND) / 1,580' (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. 109669 / 122971 / 122264 / 123805 / 988340

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

09/19/2014