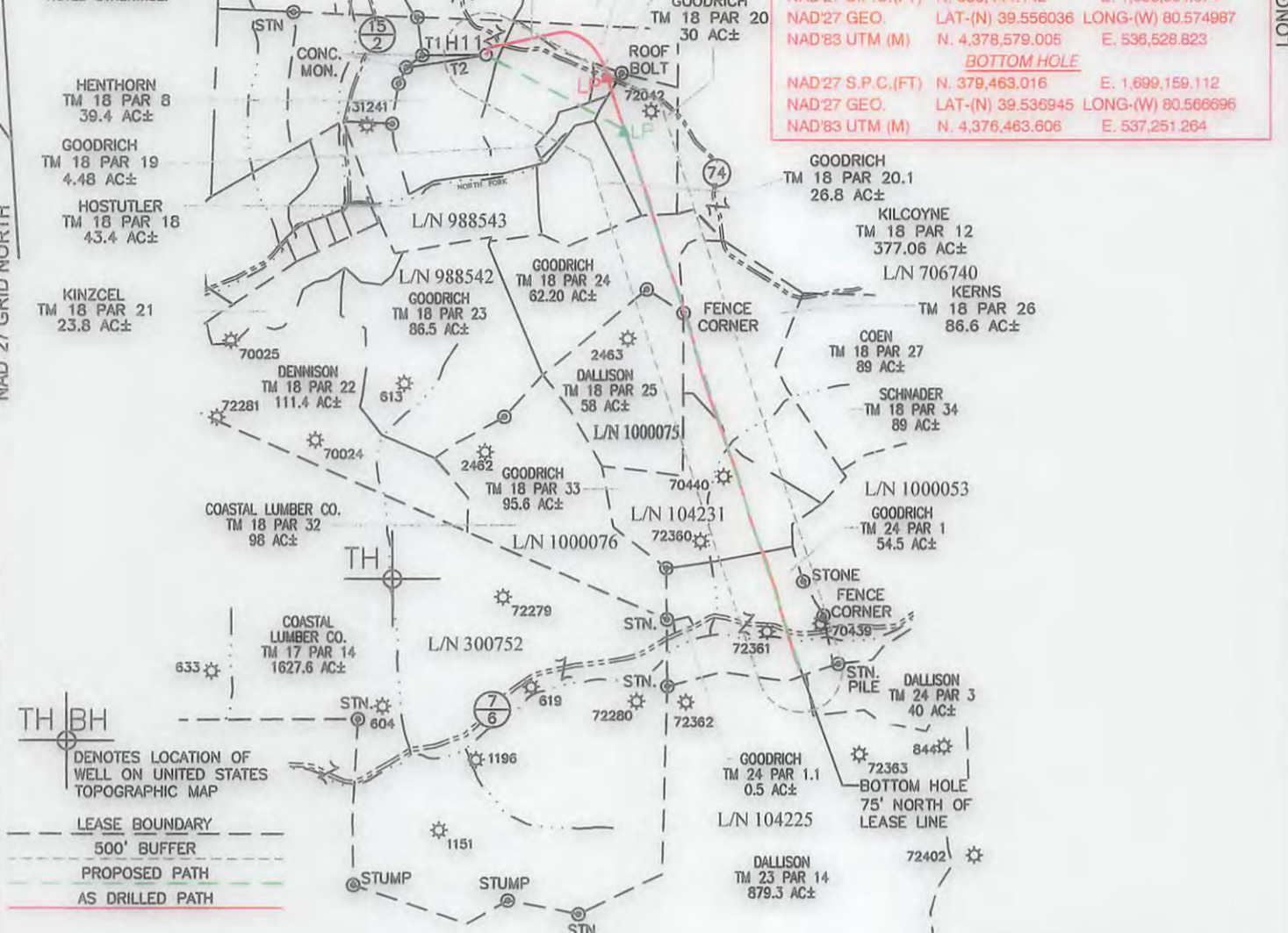


EQT WELL NO. 515643

NOTES:

- PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.
- THERE ARE NO (0) WATER WELL(S) LOCATED WITHIN 250' OF WELL H1.
- THERE ARE NO (0) STRUCTURE(S) LOCATED WITHIN 825' OF WELL H1.

⊙ = MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE.



**AS DRILLED COORDINATES FOR WELL NO. WV 515643**  
 (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 386,682.016	E. 1,695,476.916
NAD'27 GEO.	LAT-(N) 39.556725	LONG-(W) 80.579873
NAD'83 UTM (M)	N. 4,378,644.207	E. 536,092.810

**LANDING POINT**

NAD'27 S.P.C.(FT)	N. 386,444.142	E. 1,696,904.074
NAD'27 GEO.	LAT-(N) 39.556036	LONG-(W) 80.574987
NAD'83 UTM (M)	N. 4,378,579.005	E. 536,528.823

**BOTTOM HOLE**

NAD'27 S.P.C.(FT)	N. 379,463.016	E. 1,699,159.112
NAD'27 GEO.	LAT-(N) 39.536945	LONG-(W) 80.566696
NAD'83 UTM (M)	N. 4,376,463.606	E. 537,251.264

TH BH DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

- LEASE BOUNDARY
- - - 500' BUFFER
- - - PROPOSED PATH
- AS DRILLED PATH

LINE	BEARING	DIST.
T1	N89°48'00"E	754.29'
T2	N81°06'33"E	956.29'

**SPECIAL NOTES**  
 -LEASE AND SURFACE INFO SHOWN HEREON WAS TAKEN FROM PERMIT PLAT DATED JUNE 23, 2014 FOR API# 47-103-03015H.  
 -AS DRILLED INFORMATION PROVIDED BY EQT.

LEASE NO.	ROYALTY OWNER	ACRES
988542	CNX GAS CO. LLC	280±
1000075	COASTAL FOREST RESOURCES DBA COASTAL TIMBERLANDS CO.	98±
104231	JOYCE M. MARTIN et al	300±
993304	DELLA M. MccOY et al	40±

**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.  
  
 SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.  
 (304) 462-5634 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. 2288 *Earl N. Thompson*

STATES TOPOGRAPHIC MAPS. DATE JUNE 23, 20 14

REVISED JULY 16, 2015, MAY 16, 2016 & JUNE 06, 2016

OPERATORS WELL NO. WV 515643

API WELL NO. 47 - 103 - 03015H  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8471BIG 367 WELLS-R2  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY OPUS (SURVEY GRADE GPS) SCALE 1" = 2000'

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: PAD ELEVATION 1,442.9' WATERSHED NORTH FORK OF FISHING CREEK  
 DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER DENCIL HENTHORN ET AL ACREAGE 39.4±  
 ROYALTY OWNER SHIBEN ESTATE, INC. ACREAGE 29.40±

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 MIDDLESEX  
 ESTIMATED DEPTH 7,291'

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

01/06/2017

47-10303015

FORM WW-9

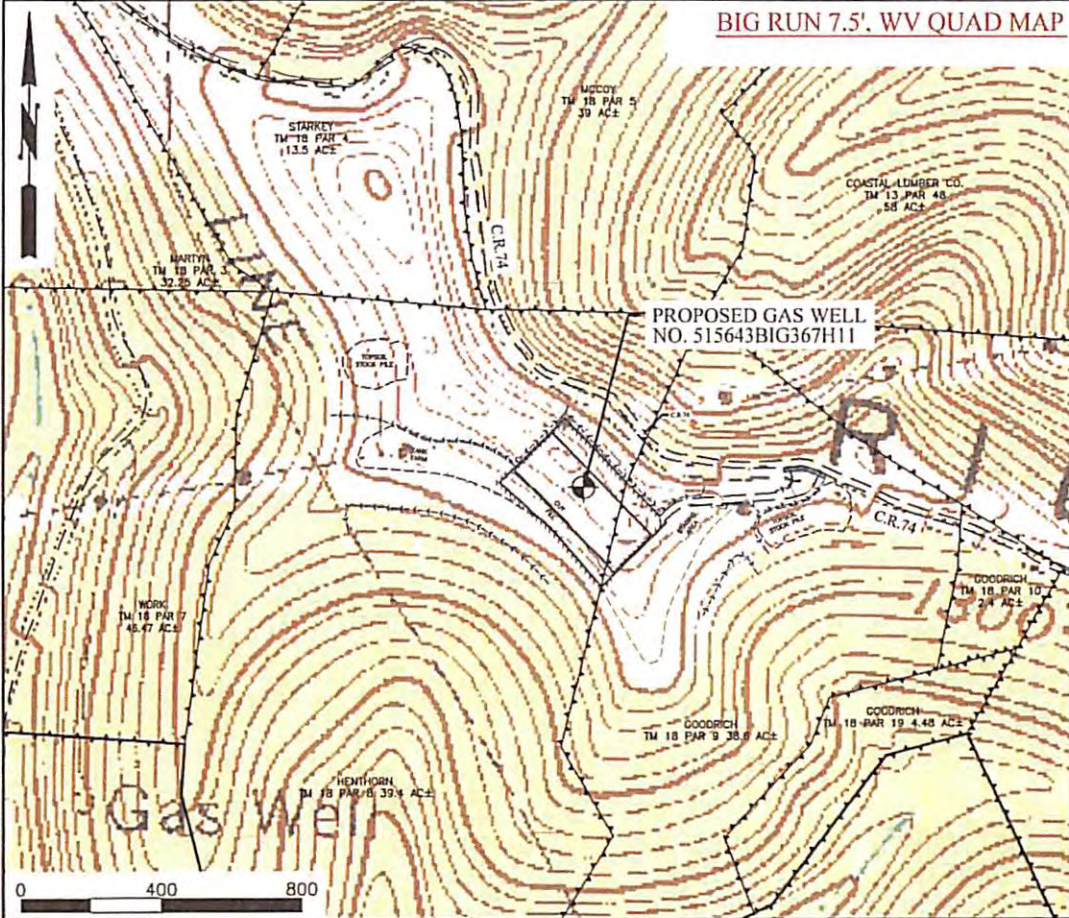
BIG RUN 7.5' WV QUAD MAP

USER: pescorlaza

LAYOUT: H11-REC PLAN

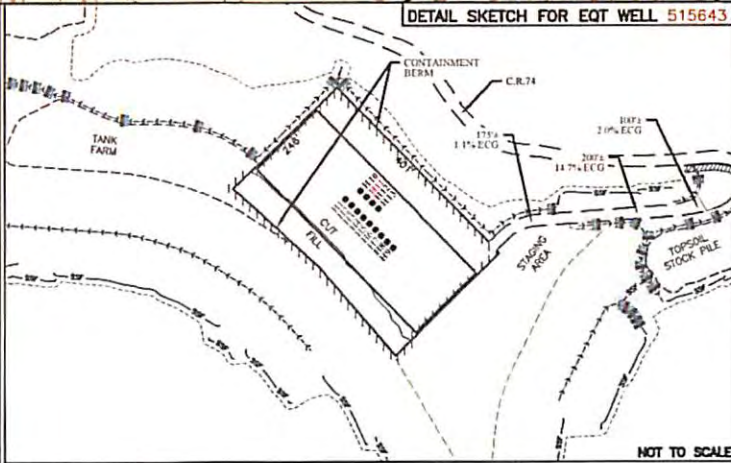
PLOT DATE/TIME: 6/6/2014 - 2:39pm

CAD FILE: R:\030-2259 EQT BIG367 Well Pad and Access Rd\Drawing\g-well hole-rec plan.dwg



**GENERAL NOTE**

1. This drawing is a schematic representation of the proposed well site and access road. Proposed structures such as well site pad, drilling pit, roadway, culverts, erosion and sediment control barriers, etc., are shown in approximate pre-planning configurations.
2. Trees and slash will be cleared as necessary before any proposed road, drill pad or pipeline construction begins. Any residue materials available from clearing will be windrowed below the anticipated fill outcrop(s) to intercept and retain sediment from the disturbed areas. Silt fence will be additionally installed as shown on the Reclamation Plan. All marketable timber above 6" will be cut and stacked in areas adjacent to operations for eventual removal.
3. All roads shown on reclamation plan are identified as either existing or new construction. Unless otherwise noted all access roads whether existing or new shall be maintained in accordance with WV D.E.P. Office of Oil and Gas Erosion and Sediment Control BMP Field Manual as revised 2/98. Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be further required by the WV D.O.T. Existing roads will be upgraded with additional stone as necessary. Newly constructed access roads will be stabilized with stone as necessary for ingress and egress to the drill site.
4. All culvert pipes installed will be a minimum of 12" in diameter with length determined by field conditions. All installed and existing culvert pipes will be accompanied by an entrance sump, new culverts installed at an angle to ensure proper flow and protected from erosion and sedimentation using large rocks, rip-rap or other sediment control devices including the placement of hay bales at the sump inlet and outlet. All ditches will be maintained as required during the construction, drilling, completion and reclamation phases of this operation as required by the WV D.E.P. Office of Oil and Gas Erosion and Sediment Control BMP Field Manual. Stormwater from the ditches and culvert pipes will be directed to stable natural vegetative areas. During reclamation all water bars necessary for erosion and sedimentation control will be installed.
5. All cut and fill slopes will be immediately stabilized, seeded and mulched after construction.
6. All existing utilities within the construction area will be identified, marked and if necessary relocated by the contractor or company.
7. Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.



NOTE:  
EG= EXISTING GRADE  
ECG= ESTIMATED CONSTRUCTION GRADE

**LEGEND**

DRILL SITE=	PROPERTY LINE=
ROCK CHECK DAM=	LIMIT OF DISTURBANCE=
BUILDING=	PLANNED FENCE=
COMPACTED FILL WALLS=	ROAD=
PIT CUT WALLS=	OPEN DITCH=
SUPER SILT FENCE=	CULVERT=

<b>THRASHER</b> EQT	WELL RECLAMATION PLAN FOR EQT BIG367 H11	SCALE: AS SHOWN DRAWN: JEP CHECKED: APPROVED:	SHEET No. <b>11</b>
	PROJECT# 030-2259		

RECEIVED  
Office of Oil and Gas  
JUN 10 2016  
WV Department of  
Protection

01/06/2017