

EQT WELL NO. 515644

10,762' TOP HOLE

LATITUDE 39°35'00"

LONGITUDE 80°32'30"

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 625' OF WELL H1.

⊙ = MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE.

- HENTHORN TM 18 PAR 8 39.4 AC±
- GOODRICH TM 18 PAR 19 4.48 AC±
- HOSTUTLER TM 18 PAR 18 43.4 AC±
- KINZCEL TM 18 PAR 21 23.8 AC±

NAD' 27 GRID NORTH

TH BH

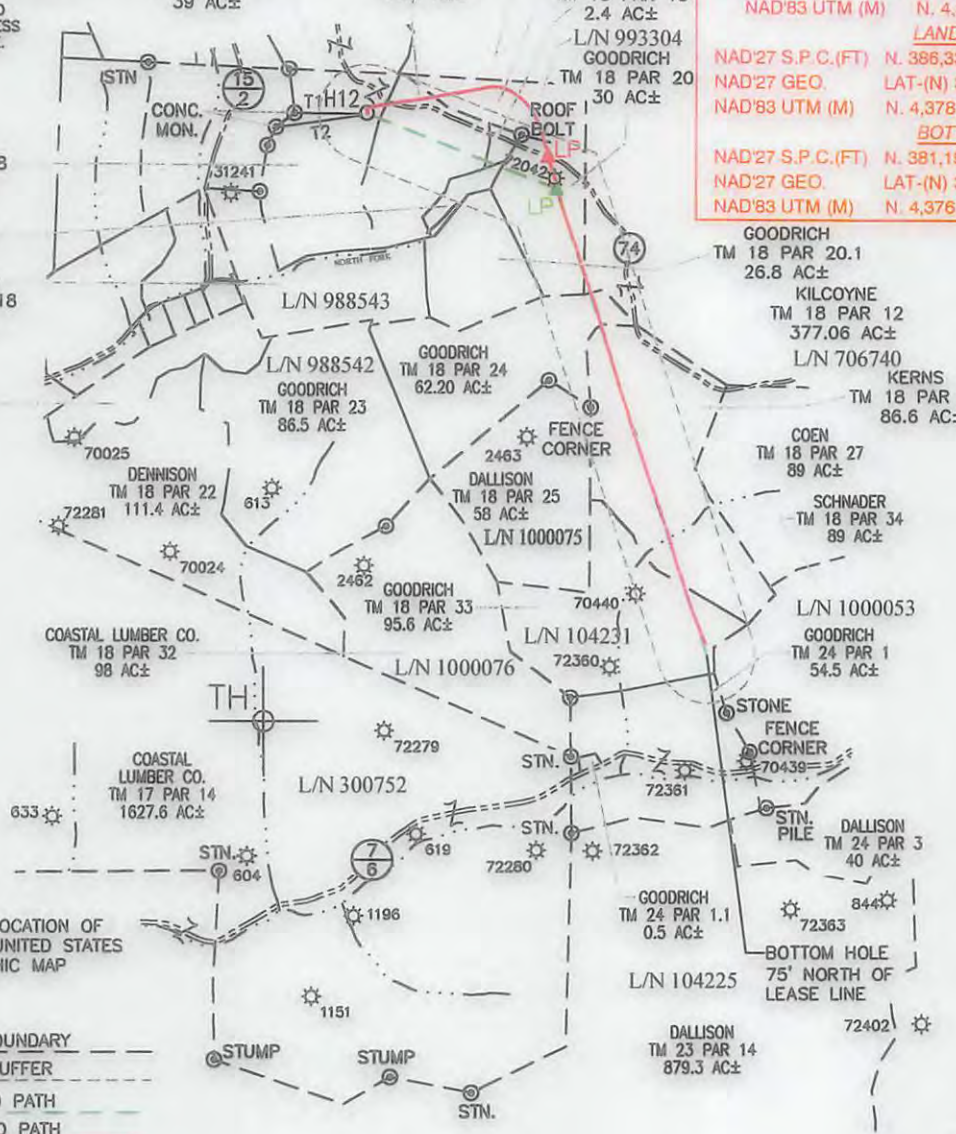
⊙ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

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

- COASTAL LUMBER CO. TM 13 PAR 38 58 AC±
- MCCOY TM 18 PAR 36 40 AC±
- GOODRICH TM 18 PAR 10 2.4 AC±
- L/N 993304 GOODRICH TM 18 PAR 20 30 AC±

**AS DRILLED COORDINATES FOR WELL NO. WV 515644**  
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 386,671,286	E. 1,695,487,398
NAD'27 GEO.	LAT-(N) 39.556696	LONG-(W) 80.579835
NAD'83 UTM (M)	N. 4,378,640,992	E. 536,086,058
<b>LANDING POINT</b>		
NAD'27 S.P.C.(FT)	N. 386,332,689	E. 1,697,331,745
NAD'27 GEO.	LAT-(N) 39.541707	LONG-(W) 80.567343
NAD'83 UTM (M)	N. 4,378,547,227	E. 536,659,684
<b>BOTTOM HOLE</b>		
NAD'27 S.P.C.(FT)	N. 381,199,582	E. 1,698,997,211
NAD'27 GEO.	LAT-(N) 39.541707	LONG-(W) 80.567343
NAD'83 UTM (M)	N. 4,376,991,847	E. 537,193,131



SPECIAL NOTES

-LEASE AND SURFACE INFO SHOWN HEREON WAS TAKEN FROM PERMIT PLAT DATED JUNE 23, 2014 FOR API# 47-103-03016H.

-AS DRILLED INFORMATION PROVIDED BY EQT.

LINE	BEARING	DIST.
T1	S89°23'36"E	764.81'
T2	N81°52'04"E	965.07'

LEASE NO.	ROYALTY OWNER	ACRES
988542	CNX GAS CO. LLC	280±
104231	JOYCE M. MARTIN et al	300±
706740	EQT PRODUCTION CO.	1003.75±
993304	DELLA M. McCOY et al	40±

**Professional Energy Consultants**  
DIVISION OF SMITH LAND SURVEYING, INC.

SURVEYORS  
ENGINEERS  
ENVIRONMENTAL  
PROJECT MGMT.

(804) 482-5624 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*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. DATE JUNE 23, 20 14

REVISED JULY 15, 2015, MAY 16, 2016 & JUNE 06, 2016

OPERATORS WELL NO. WV 515644  
API WELL NO. 47 - 103 - 03016H  
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 20.1±

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 SHALE ESTIMATED DEPTH 7,565'

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

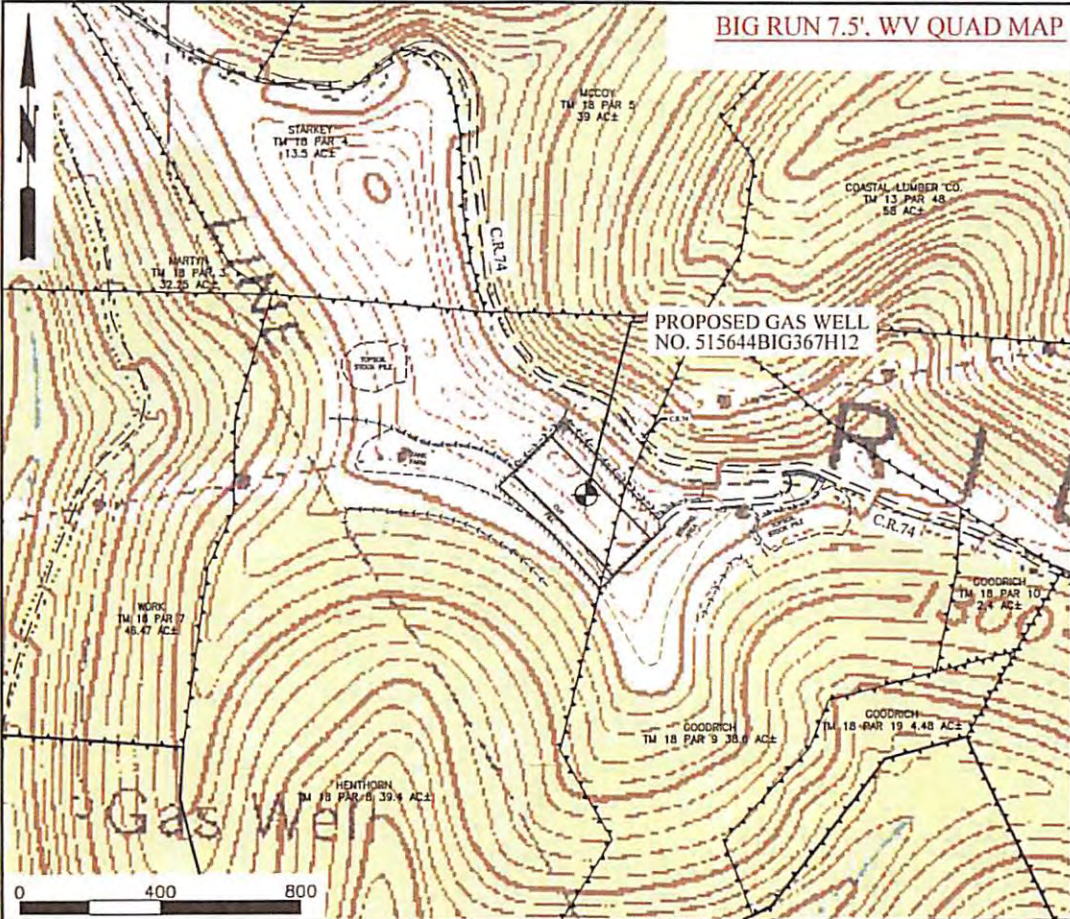
COUNTY NAME PERMIT

USER: pescorlaza

LAYOUT: H12-REC PLAN

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

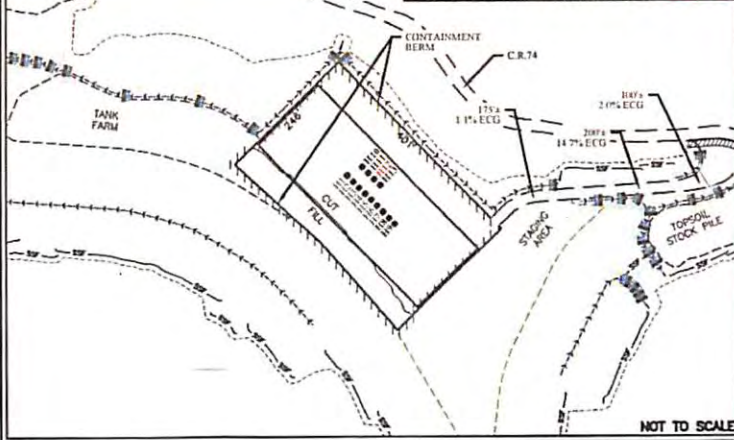
CAD FILE: R:\030-2259 EQT BIG367 Well Pad and Access Rd\Drawing\9-well hole rec plan.dwg



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 winnowed below the anticipated fill outlope(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.

DETAIL SKETCH FOR EQT WELL 515644



NOTE:  
EG= EXISTING GRADE  
ECG= ESTIMATED CONSTRUCTION GRADE

LEGEND

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

RECEIVED  
Office of Oil and Gas  
JUN 10 2016



EQT Where energy meets innovation.

WELL RECLAMATION PLAN FOR EQT BIG367 H12 PROJECT # 030-2259

SCALE AS SHOWN  
DRAWN: ZP  
CHECKED:  
APPROVED:  
SHEET No. 12