

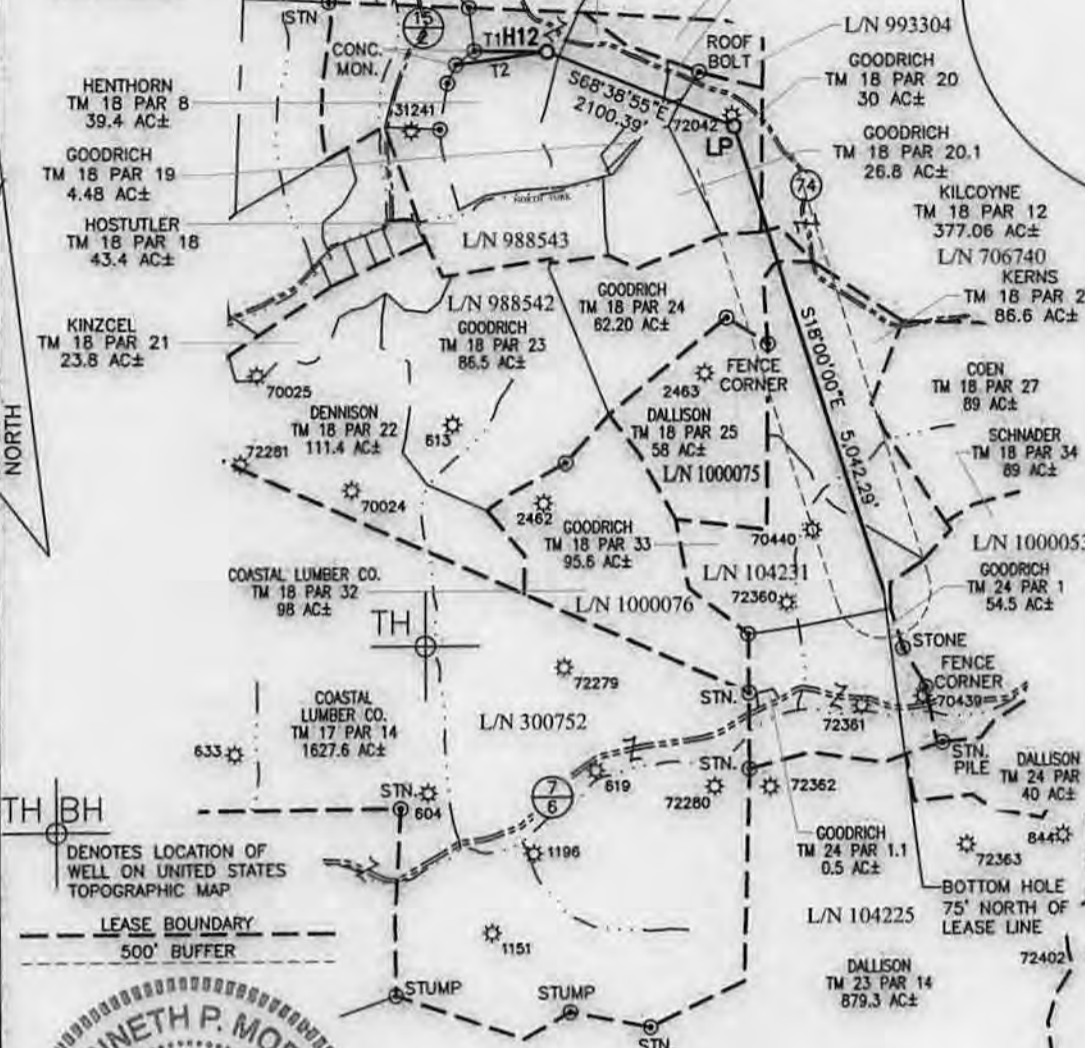
EQT WELL NO. 515644

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.



**WELL 515644
TOP HOLE**

STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
 N:386671.286
 E:1695487.398
 LAT:39.556696
 LON:80.579835

UTM COORDINATES
(NAD 83-METER)
 N:4378640.992
 E:536096.058

**WELL 515644
LAUNCH POINT**

STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
 N:385906.519
 E:1697443.618
 LAT:39.554661
 LON:80.572865

UTM COORDINATES
(NAD 83-METER)
 N:4378417.960
 E:536695.930

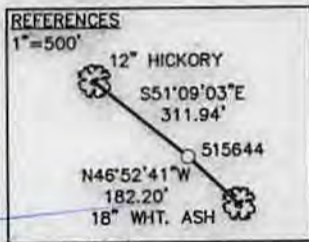
**WELL 515644
BOTTOM HOLE**

STATE PLANE COORDINATES
(NAD 27 NORTH ZONE)
 N:381111.015
 E:1699001.942
 LAT:39.541547
 LON:80.567137

UTM COORDINATES
(NAD 83-METER)
 N:4376964.888
 E:537195.021

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±



KENNETH P. MORAN P.S. 1333
 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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

FILE NO. 030-2259
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: OPUS SURVEY GRADE GPS



DATE JUNE 23, 2014
 OPERATOR'S WELL NO. 515644
 API WELL NO. 47 - 103 - 03016 H12
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: EG: 1,475.5' PROP: 1,442.90' WATER SHED: NORTH FORK OF FISHING CREEK
 DISTRICT: GRANT COUNTY: WETZEL
 QUADRANGLE: BIG RUN ACREAGE: 39.4 AC±
 SURFACE OWNER: DENCIL HENTHORN ET AL LEASE ACREAGE: 297.50 AC±
 OIL & GAS ROYALTY OWNER: SHIBEN ESTATE, INC. LEASE NO. 988543



PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: WV DATED: 7,565

WELL OPERATOR: EQT PRODUCTION DESIGNATED AGENT: REX C. RAY
 ADDRESS: 115 PROFESSIONAL PLACE ADDRESS: 115 PROFESSIONAL PLACE
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

09/19/2014

USER: kpoth
 LAYOUT: H12
 PLOT DATE/TIME: 6/23/2014 - 11:02am
 NORTH
 CAD FILE: R:\030-2259 EQT BIG367 Well Pad and Access Rd\Survey\030-2259 BIG 367 H1 H10-H13_6-23-14.DWG

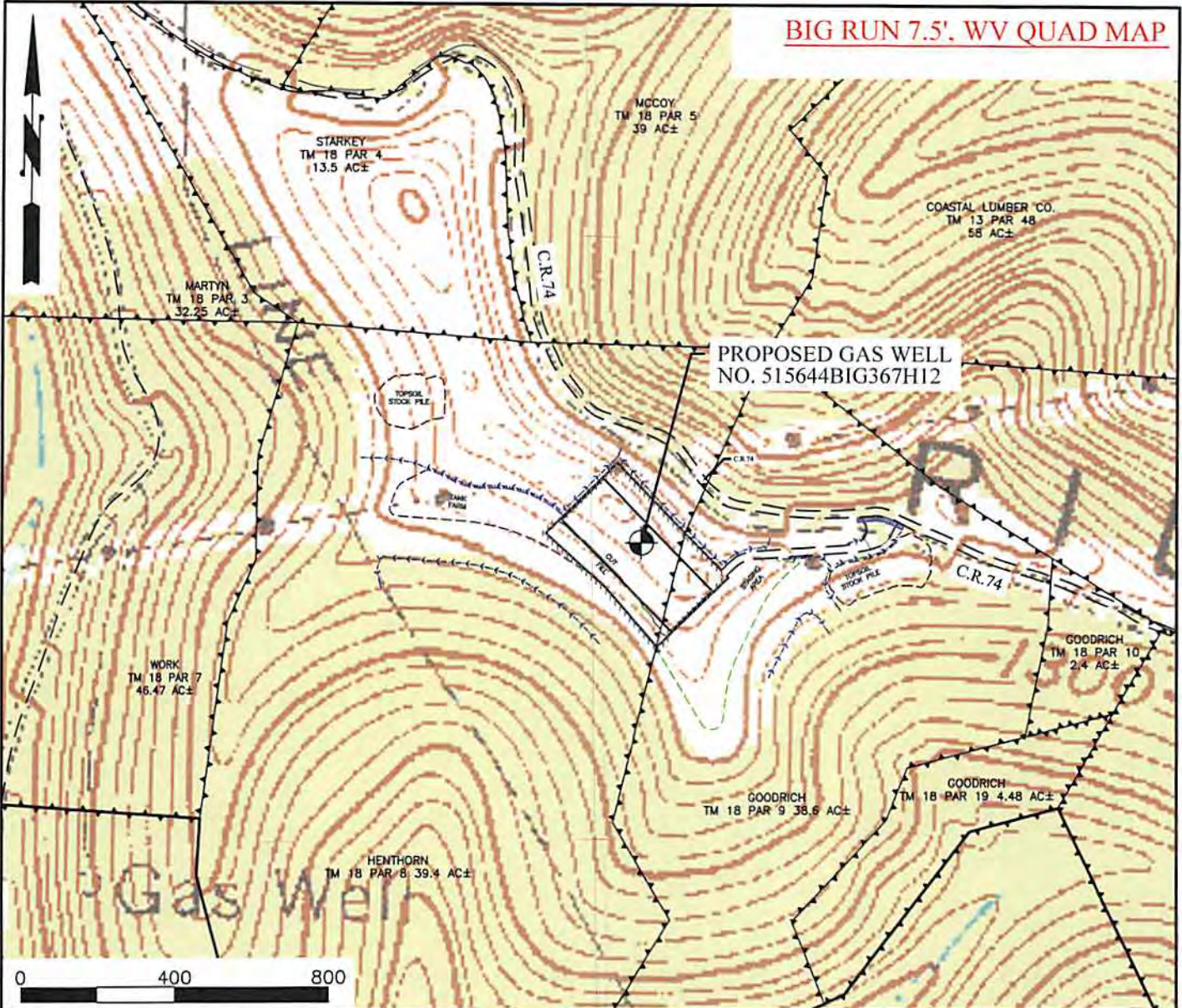
BIG RUN 7.5', WV QUAD MAP

USER: pescorlaza

LAYOUT: H12-REC PLAN

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

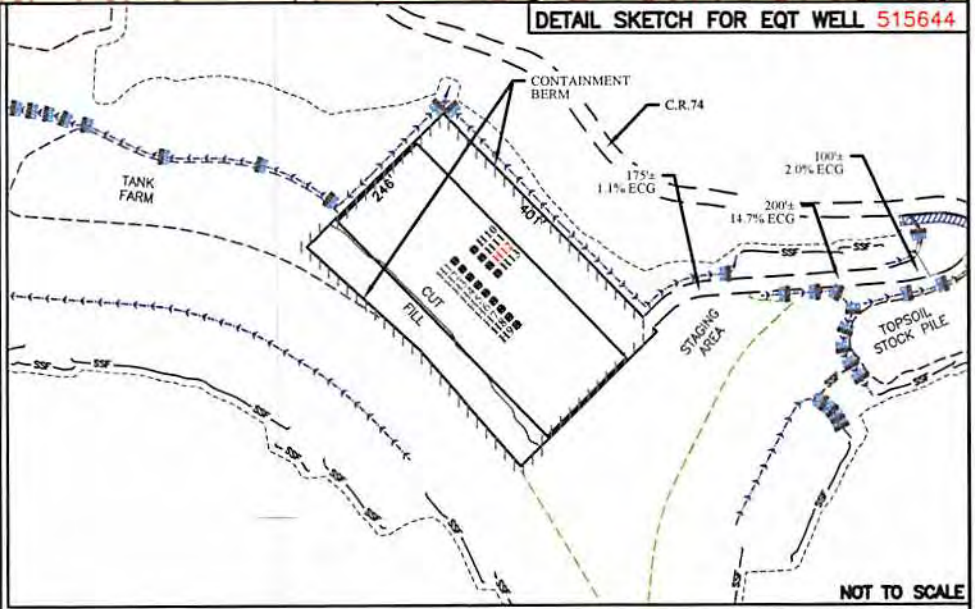
CAD FILE: R:\030-2259 EQT BIG367 Well Pad and Access Rd\Drawing\s-well hole rec plan.dwg



DETAIL SKETCH FOR EQT WELL 515644

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 outslope(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.

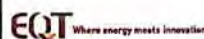


NOTE:
EG= EXISTING GRADE
ECG= ESTIMATED CONSTRUCTION GRADE

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= |

RECEIVED
Office of Oil and Gas



WELL RECLAMATION PLAN FOR EQT BIG367 H12	SCALE AS SHOWN	SHEET No.
	DRAWN: JCP	12
	CHECKED:	
	APPROVED:	
PROJECT 030-2259	WV Department of Environmental Protection	

09/19/2014