

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-103-00798 WELL NO.: WV 650516 (M. Barr #213)

FARM NAME: S. J. Kilcoyne

RESPONSIBLE PARTY NAME: EQT Production Company

COUNTY: Wetzel DISTRICT: Grant

QUADRANGLE: Big Run 7.5'

SURFACE OWNER: John W. and Florence E. Kilcoyne

ROYALTY OWNER: EQT Production Company

UTM GPS NORTHING: 4378629

UTM GPS EASTING: 538455 GPS ELEVATION: 266 m (872 ft)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:
Survey grade GPS : Post Processed Differential
Real-Time Differential
Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential

- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.


Signature

PS #2180
Title

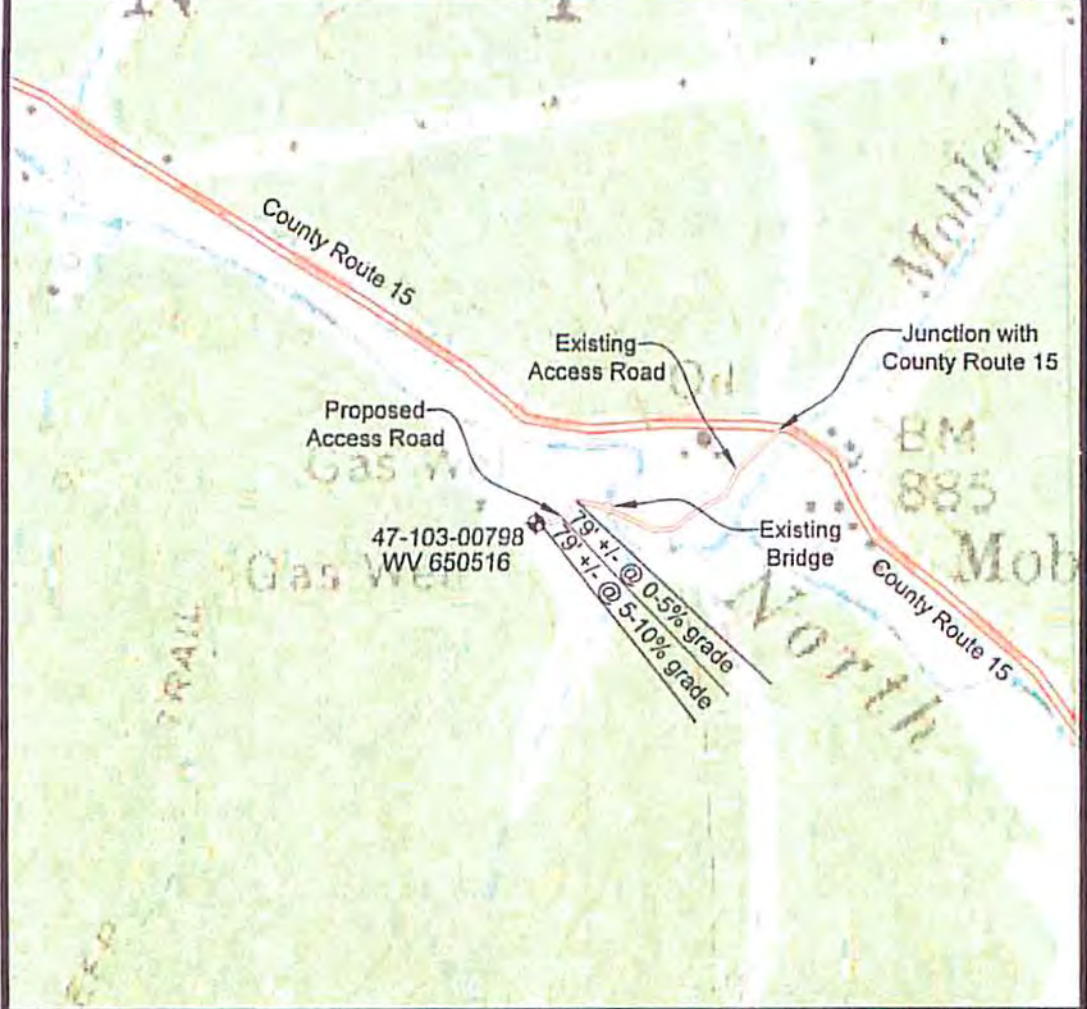
4/7/15
Date

RECEIVED
Office of Oil and Gas

MAY 13 2015

WV Department of
Environmental Protection

07/24/2015



0' 500' 1000' 1500'

C Denotes to install 15" minimum culvert X Denotes a proposed stream crossing (if applies) *see table for culvert detail*

Unless otherwise noted, all roads shown hereon are existing and shall be maintained in accordance with WV D.E.P., Office of Oil and Gas Erosion and Sediment Control Field Manual as revised 5/12

Entrances upon county/state roads shall be maintained in accordance with WV D.O.T. regulations, however, separate permits may be required by the WV D.O.T.

Sediment basins (traps) and appropriate erosion control barriers are to be constructed at all culverts and cross-drains as required in the aforementioned Erosion and Sediment Control Field Manual. Where field conditions dictate, alternative erosion control measures shall be enacted as required.

Earthwork contractors are responsible for notification to the operator and inspector prior to any deviation from this plan.

Temporary seed and mulch all slopes after construction of location.

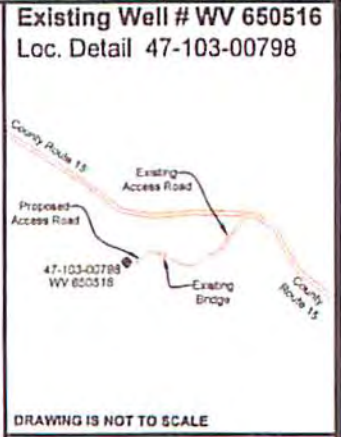
Cut and stack all marketable timber.

Stacked brush may be used for sediment control.

Applications for separate Public Land Corporation Permits on the access roads stream crossings have been prepared (if applies).

Additional culverts and/or other drainage structures and sediment control devices may be required by the WVDEP Oil & Gas Inspector.

Operator is responsible for the coordination with contractor and Allegheny Surveys regarding any changes or additions the state may require.



DR-4
6-1-15

SECTION OF THE Vadis 7.5' USGS QUADRANGLE		Proposed Disturbance Area	
Projected culvert inventory. (for bid purposes only)		Well Site Location	
15" minimum diameter culverts	0 Culverts	Proposed Access Road	
18" minimum diameter culverts	0 Culverts	Approximate Total Disturbance	
DRAWN BY Tim Rutledge	DATE March 10, 2015	FILE NO. 40-34-00-09	DRAWING FILE NO. 40-09 WV 650516 Rec Plan

PROPERTY BOUNDARY	A A
ROADS	— — — —
SITCH	— — — —
SILT FENCE	— — — —
EXISTING WELL LOCATION	⊕
BROAD BASED SIP	■
EXISTING GATE	○ ○
EXISTING CULVERT	— — — —
PROPOSED CULVERT	— — — —
CROSS DRAIN	— — — —
PIT-CUT WALLS	⊕ ⊕
PIT-COMPACTED WALLS	⊕ ⊕
AREA OF LAND APPLICATION OF PIT WASTE	⊕ ⊕



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