

**WEU 3
WV 514107
EQT Production Company**

LATITUDE 39 - 17 - 30
LONGITUDE 80 - 45 - 00

WV 514107 coordinates:
N: 286258.33 Lat: 39.279066
E: 1642949.00 Long: -80.761337
UTM N: 4,347,782.13 E: 520,599.75
WV 514107 Landing Point coordinates:
N: 284864.60 Lat: 39.275221
E: 1642448.40 Long: -80.763043
UTM N: 4,347,354.98 E: 520,453.72
WV 514107 Bottom Hole coordinates:
N: 283314.22 Lat: 39.270981
E: 1642861.85 Long: -80.761499
UTM N: 4,346,884.77 E: 520,588.16

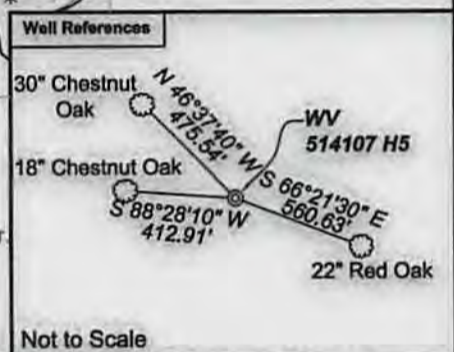
West Virginia Coordinate System of 1927 (North Zone).
Geographic coordinates are NAD 27.
UTM coordinates are NAD83, Zone 17,
Meters.
Plat orientation, corner and well ties are based upon the grid north meridian.
Well location references are based upon the grid north meridian.

- 514107
- 513119
- 512684
- 513118
- 512682

GRID NORTH

- ⊙ Proposed Gas Well
- Located Corner, as noted
- Lease Boundary
- Surface Tract (Approx.)
- Bore Path
- * Existing Gas Well

ADJOINER TABLE		
TAX MAP PARCEL NO.	ADJOINER	AREA
16 - 16.1	Nelson J. Smith	2.17 Acres
16 - 16.2	John & Joann Warner	4.08 Acres
16 - 16.5	Daniel Wellings	2.0 Acres



(⊙) Denotes Location of Well on United States Topographic Maps



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 Department of Environmental Protection.

Ben R. Singleton
P.S. 2092



FILE NO: 155-36-W-13
DRAWING NO: WEU 3 H5 514107
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1:2500
PROVEN SOURCE OF ELEVATION: NGS CORS Station

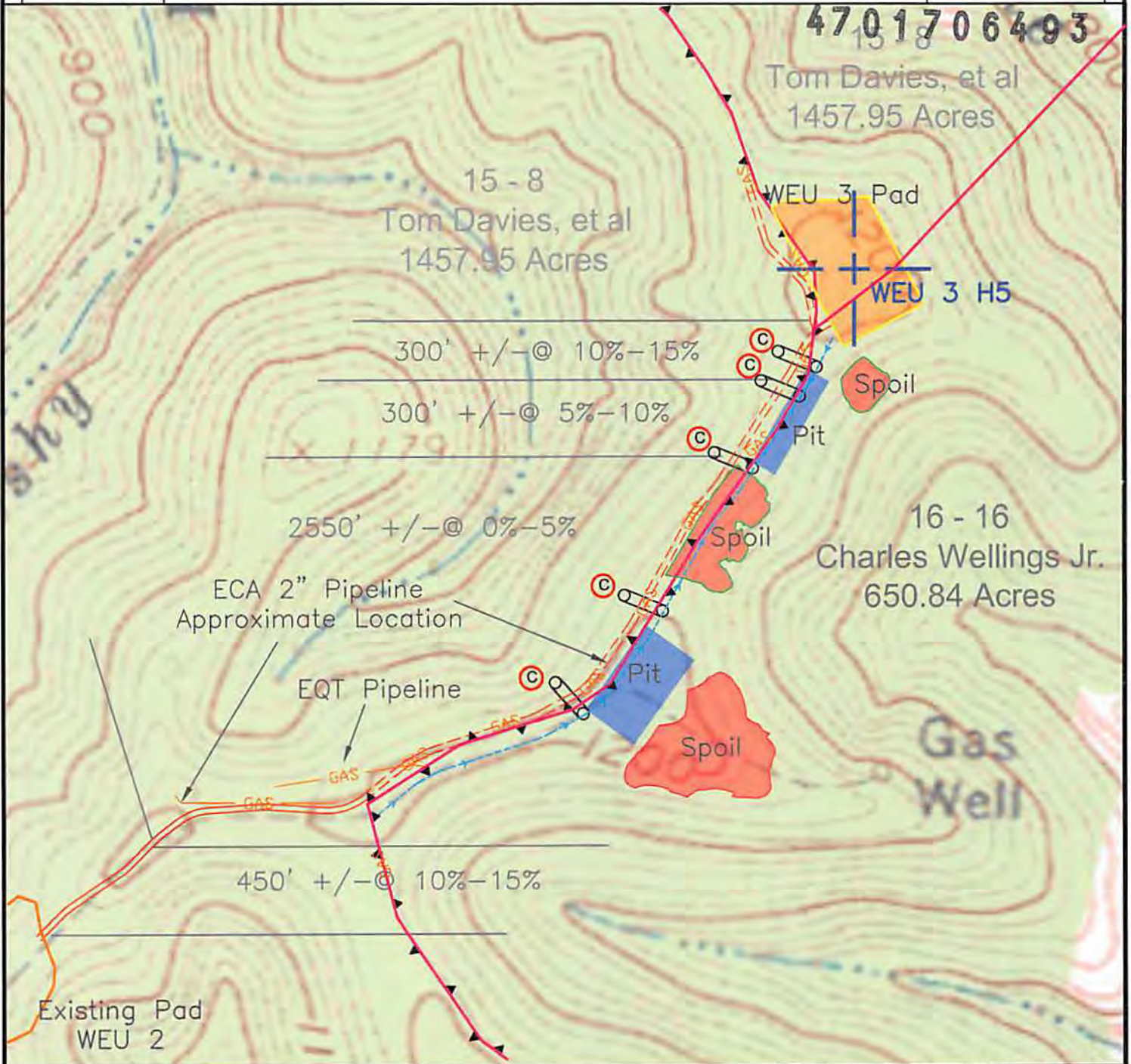
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: August 12 20 14
OPERATOR'S WELL NO. 514107
API WELL NO
47 - 017 - 06493 H6A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing 1228' Proposed 1200' WATERSHED: Bluestone Creek QUADRANGLE: West Union
DISTRICT: West Union COUNTY: Doddridge
SURFACE OWNER: Tom Davies, et al. ACREAGE: 1457.95
ROYALTY OWNER: Lewis Maxwell Heirs LEASE NO: 080620 ACREAGE: 640
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus ESTIMATED DEPTH: IVD 6,727 MD 10,613

WELL OPERATOR: EQT Production Company DESIGNATED AGENT: Rex C. Ray
ADDRESS: 115 Professional Place PO Box 280 ADDRESS: 115 Professional Place PO Box 280
Bridgeport, WV 26330 Bridgeport, WV 26330

08/22/2014



0' 500' 1000' 1500'



Ⓢ Denotes to install 15" minimum culvert ⓧ 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 2/98

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.

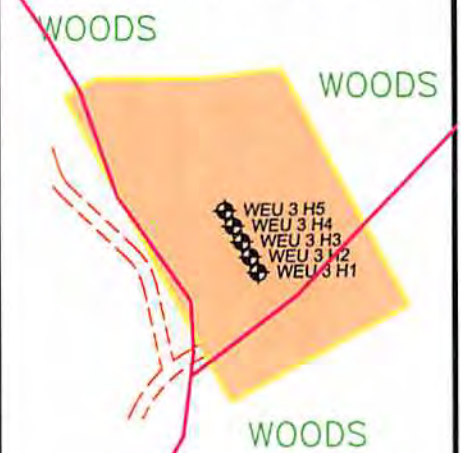
Stacked brush may be used for sediment control.

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.

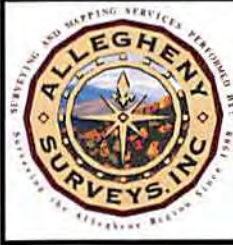
Proposed WEU 3 Pad



DRAWING IS NOT TO SCALE

PROPERTY BOUNDARY	△ — △
ROAD	— — —
DITCH	— < — < — <
SILT FENCE	— — — — —
EXISTING WELL LOCATION	⊕
BROAD BASED DIP	▨
EXISTING GATE	⊕ — ⊕
EXISTING CULVERT	⊕ — ⊕
PROPOSED CULVERT	⊕ — ⊕
CROSS DRAIN	▨ — ▨
PIT-CUT WALLS	⊕ — ⊕
PIT-COMPACTED WALLS	⊕ — ⊕
AREA OF LAND APPLICATION OF PIT WASTE	⊕ — ⊕

SECTION OF THE West Union 7.5' USGS QUADRANGLE		Proposed Disturbance Area	
Projected culvert inventory. (for bid purposes only)		Well Site Location	6.92 Acres
15" minimum diameter culverts	5 Culverts	Proposed Access Road	6.31 Acres
24" minimum diameter culverts	0 Culverts	Approximate Total Disturbance	28.80 Acres
DRAWN BY: Gary Johnson	DATE: March 6, 2014	FILE NO. 155-36-W-13	DRAWING FILE NO. 155-13 WEU 3 H5 Rec Plan



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
1-800-482-8606
Birch River Office Phone: (304) 649-8606 Fax: (304) 649-8608
237 Birch River Road P.O. Box 438 Birch River, WV 26610

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