

Latitude: N 39°42'30"

Longitude: W 80°35'00"

EXISTING GAS WELLS

- G1 - 103-02497
- G2 - 103-02494
- G3 - 103-02496
- G4 - 103-02495
- G5 - 103-02193

SURFACE LOCATION
 UTM METERS (NAD 83)
 N) 4,392,144.28m
 E) 534,511.54m
 NAD 83
 LAT) 39.678428
 LONG) -80.597575

LANDING POINT LOCATION
 UTM METERS (NAD 83)
 N) 4,391,857.14m
 E) 534,451.32m
 NAD 83
 LAT) 39.675844
 LON) -80.598292

BOTTOM HOLE LOCATION
 UTM METERS (NAD 83)
 N) 4,390,123.98m
 E) 536,144.52m
 NAD 83
 LAT) 39.660158
 LON) -80.578644

WV SECS
 GRID NORTH (NAD 83)



LEGEND

- PROPOSED GAS WELL
- EXISTING GAS WELLS
- PRE-29 WELLS
- PLUGGED GAS WELLS
- PROPOSED BORE
- MINERAL TRACT BOUNDARY
- 500'/2,400' BUFFER
- STREAM LINE
- SURFACE TRACT BOUNDARY
- ROADS
- TOPO MAP POINT

MINERAL TRACT NUMBER	TAX MAP PARCEL NUMBER	TRACT GROSS ACRES	MINERAL OWNERSHIP
31	01-8-37	129.75	DIANE WYKERT CHARLES E. MUSGRAVE & ILA MAE MUSGRAVE, ET AL.
253	01-8-38	46.50	WILLIAM RITIER ET UX
256	01-8-39	20	GREEN DOT FARM, INC. JAMES HARRY ASHCRAFT, ET AL.
257	01-11-5 01-11-5.1	28	HEIRS & ASSIGNS OF JAMES RITER, ET AL.
298	01-11-19	62.00	GREEN DOT FARM, INC. WALTER ROBERT MEYERS, ET AL.
300	01-11-6.1	94.50	NANCY RENZELLI ELIZABETH DRAKE, ET AL.
299	01-11-21	16.30	GREEN DOT FARM, INC. WALTER ROBERT MEYERS, ET AL.

GENERAL NOTES:

1. THE BOUNDARY LINES SHOWN HEREON ARE BASED ON RECORD DEED, PLATS, AND TAX MAPS. BEST FIT TO FOUND FIELD EVIDENCE AND AERIAL PHOTOS.
2. THIS PLAT DOES NOT REPRESENT AN ACTUAL BOUNDARY SURVEY OF THE INDIVIDUAL PARCELS.
3. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250' OF PROPOSED WELL.
4. THERE ARE NO EXISTING OCCUPIED DWELLINGS, BUILDINGS OR RAILROADS WITHIN 625' OF PROPOSED WELL.
5. THE PROPOSED WELL IS GREATER THAN 100' FROM PERENNIAL STREAM, WETLAND, POND, RESERVOIR OR LAKE.
6. THERE ARE NO NATIVE TROUT STREAMS WITHIN 300' OF PROPOSED WELL.

FILE #: 099912019
 DRAWING #: 099912019_WELL PLAT
 SCALE: 1" = 2,000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GPS

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.

SIGNED:
 R.P.E.: _____ L.L.S.: 2241



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: FEBRUARY 13, 2015
 OPERATOR'S WELL #: CHARLES MUSGRAVE SOUTH 5H
 API WELL #: 47 103 0310741A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS WASTE DISPOSAL LIQUID INJECTION PRODUCTION STORAGE DEEP SHALLOW

WATERSHED: LOWER WEST VIRGINIA FORK FISH CREEK ELEVATION: 1,344' (AS-BUILT) 06/19/2015

COUNTY/DISTRICT: WETZEL / CENTER QUADRANGLE: LITTLETON

SURFACE OWNER: ROBERT DORSEY ACREAGE: 130±

OIL & GAS ROYALTY OWNER: DIANE WYKERT, CHARLES E. & ILA MAE MUSGRAVE, ET AL LEASE ACREAGE: SEE MINERAL INTEREST TABLE

CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PERFORATE NEW FORMATION PLUG & ABANDON

DRILL PLUG OFF OLD FORMATION CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

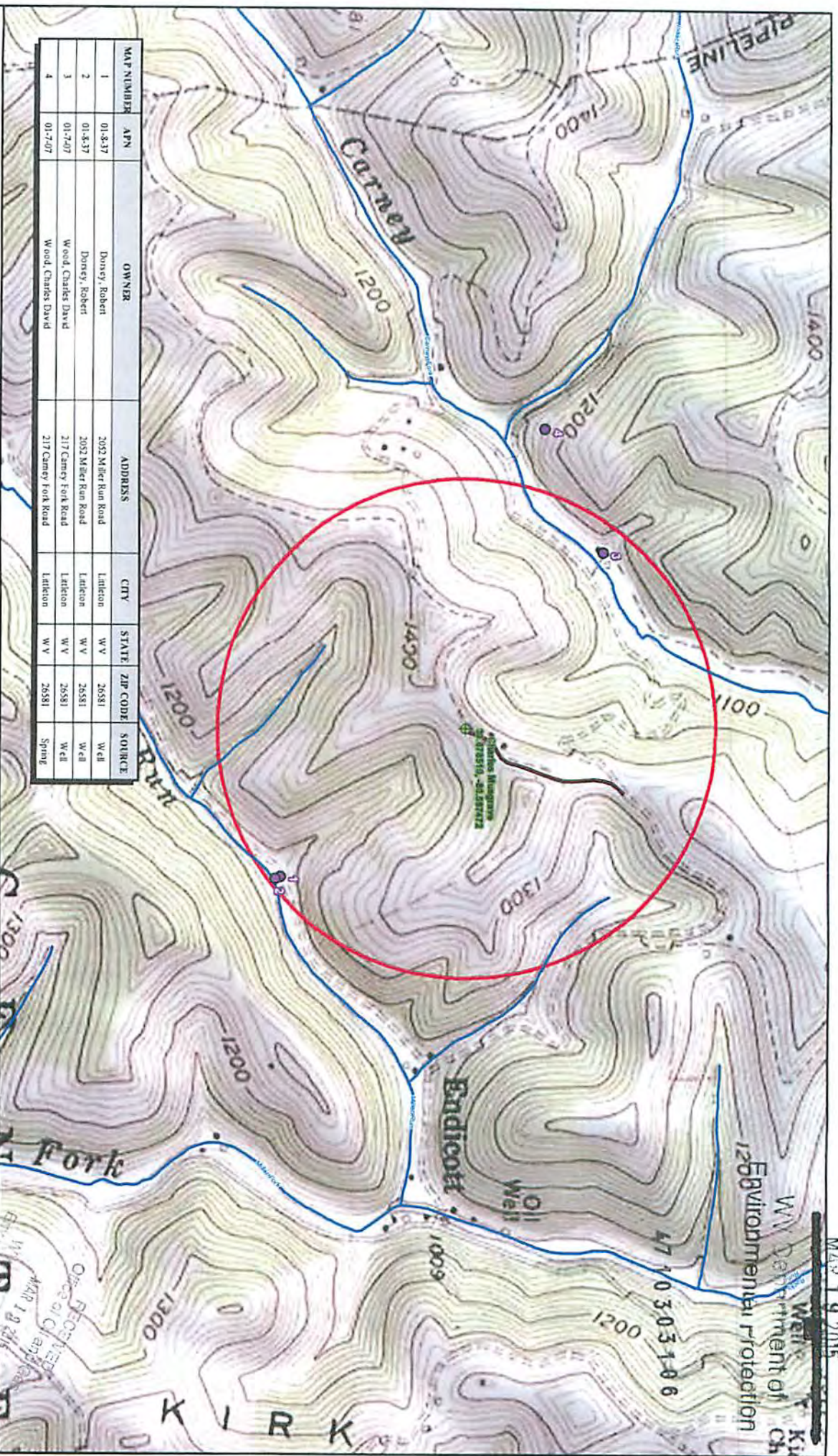
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: 7,512'

WELL OPERATOR: STATOIL USA ONSHORE PROPERTIES INC. DESIGNATED AGENT: RICHARD PYLES

ADDRESS: 2103 CITYWEST BLVD., SUITE 800 ADDRESS: 803 NASH ROAD

CITY: HOUSTON STATE: TX ZIP CODE: 77042 CITY: MIDDLEBOURNE STATE: WV ZIP CODE: 26149

MAR 19 2015



Statoll North America, Inc.
Charles Musgrave Well Pad
Topographic Map - Water Sources
Case District, West County, WV
Statoll



- Water Source
- Well Pad
- Access Road
- NHD Stream
- 2,000' Well Pad Radius
- Lake/Pond (None Present)



Linton, WV USGS 7.5' Topographic Quadrangle
Drawn By: JPM
10/6/2014