

Latitude: N 39°42'30"

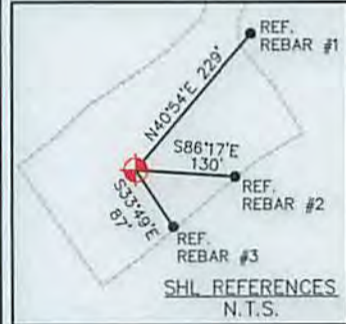
Longitude: W 80°35'00"

**SURFACE LOCATION**  
 UTM METERS (NAD 83)  
 N) 4,392,145.53m  
 E) 534,513.45m  
 NAD 83  
 LAT) 39.678439  
 LONG) -80.597552

**LANDING POINT LOCATION**  
 UTM METERS (NAD 83)  
 N) 4,391,998.73m  
 E) 534,619.06m  
 NAD 83  
 LAT) 39.677113  
 LONG) -80.596329

**BOTTOM HOLE LOCATION**  
 UTM METERS (NAD 83)  
 N) 4,389,456.80m  
 E) 537,101.35m  
 NAD 83  
 LAT) 39.654105  
 LONG) -80.567528

**EXISTING GAS WELLS**  
 G1 - 103-02497  
 G2 - 103-02494  
 G3 - 103-02496  
 G4 - 103-02495  
 G5 - 103-02193



**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 RITTER ET UX
255	01-8-40, 01-8-40.1	68	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
258	01-11-6	100.50	NANCY RENZELLI, ELIZABETH DRAKE, ET AL
300	01-11-6.1	94.50	NANCY RENZELLI, ELIZABETH DRAKE, ET AL
429	01-11-40	6.24	SHIBEN ESTATES INC., ET AL
303	01-11-22.1	104.50	SHIBEN ESTATES INC., ET AL
309	01-11-24	47.10	JAMES B MONTGOMERY & MARGIE L MONTGOMERY
303A	01-11-22	25.5	VRIGL NICHOLS, 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: *Craig Robert West*  
 R.P.E.: \_\_\_\_\_ L.L.S.: **1722**



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



DATE: **APRIL 16, 2015**  
 OPERATOR'S WELL #: **CHARLES MUSGRAVE SOUTH 4H**  
 API WELL #: **47 103 03112**  
 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: **DORSEY, ROBERT** 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): \_\_\_\_\_

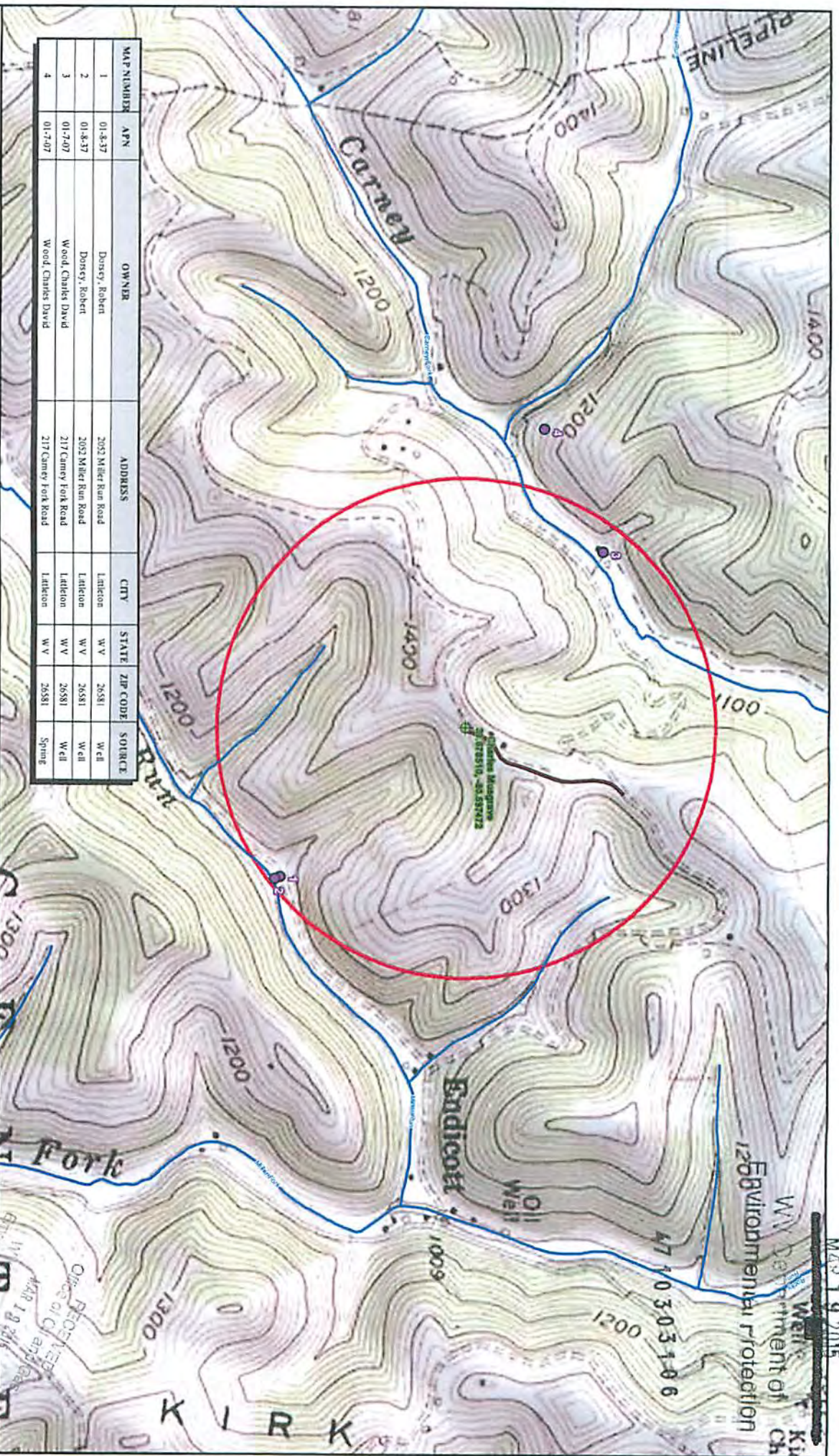
TARGET FORMATION: **MARCELLUS** ESTIMATED DEPTH: **TVD 7,511'**

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



Statoil North America, Inc.  
Charles Magrawe Well Pad  
Topographic Map - Water Sources  
Cane District, Mingo County, WV  
Project No. 2013-001

Statoil

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