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west virginia department of environmental protection

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Office of Oil and Gas  
601 57th Street SE  
Charleston, WV 25304  
(304) 926-0450  
(304) 926-0452 fax

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
www.dep.wv.gov

## PERMIT MODIFICATION APPROVAL

October 08, 2015

ASCENT RESOURCES-MARCELLUS, LLC  
3501 NW 63RD STREET  
OKLAHOMA, OK 73116

Re: Permit Modification Approval for API Number 10303093, Well #: REILLY S GRN WZ  
6H

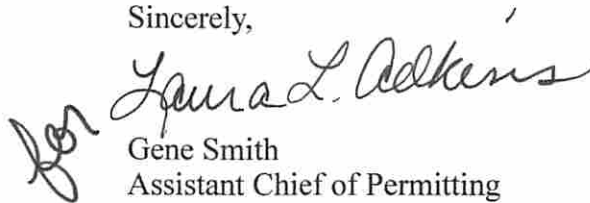
**Shorten lateral with no change to mineral estates**

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Gene Smith". To the left of the signature is a small, stylized initial "GS".

Gene Smith  
Assistant Chief of Permitting  
Office of Oil and Gas

Promoting a healthy environment.

10/09/2015



September 16, 2015

West Virginia Department of Environmental Protect  
Office of Oil and Gas  
Attn: Laura Adkins or whomever concerned  
601 57<sup>th</sup> Street  
Charleston, West Virginia 25304

Re: Application for a Permit to Drill  
Reilly S GRN WZ 2H, 4H, 6H and 8H

Dear Ms. Adkins,

Ascent Resources – Marcellus, LLC respectfully submits the following revisions to existing plats associated with permits for the subject wells. These plats reflect only a shorter lateral than originally permitted (~200'-300' shorter).

If you need any additional information, please feel free to contact me.

Best Regards,

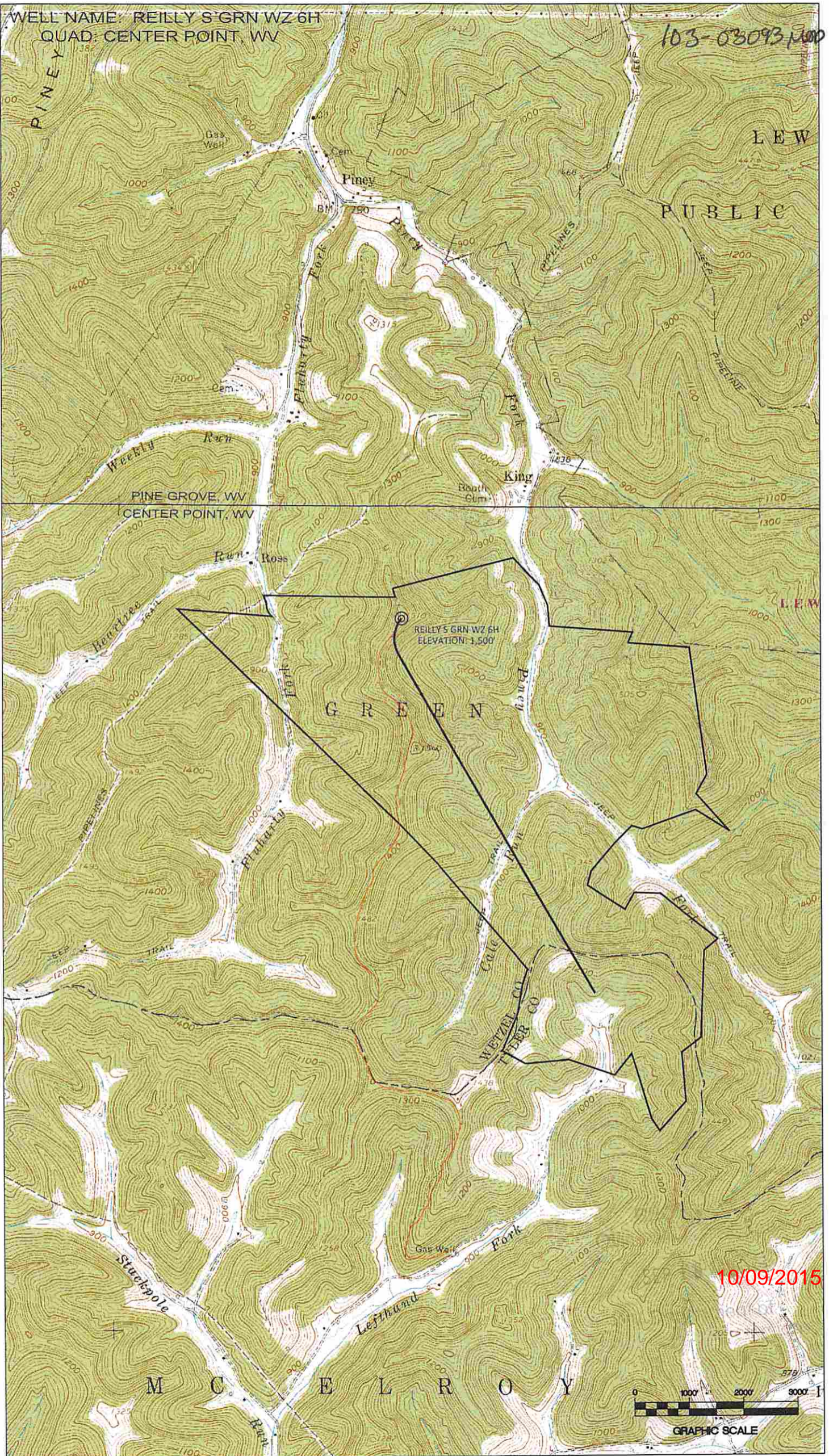
Ariel Bravo  
Regulatory Technician  
[ariel.bravo@ascentresources.com](mailto:ariel.bravo@ascentresources.com)  
Cell 405-403-4803  
Office 405-607-5529

REC'D  
O&G  
SEP 18 2015

West Virginia  
Environmental Protection

WELL NAME: REILLY S' GRN WZ 6H  
QUAD: CENTER POINT, WV

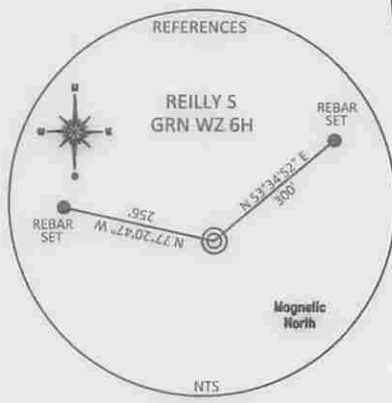
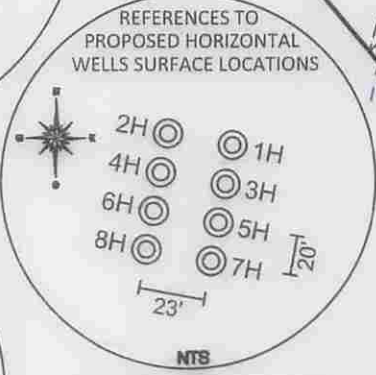
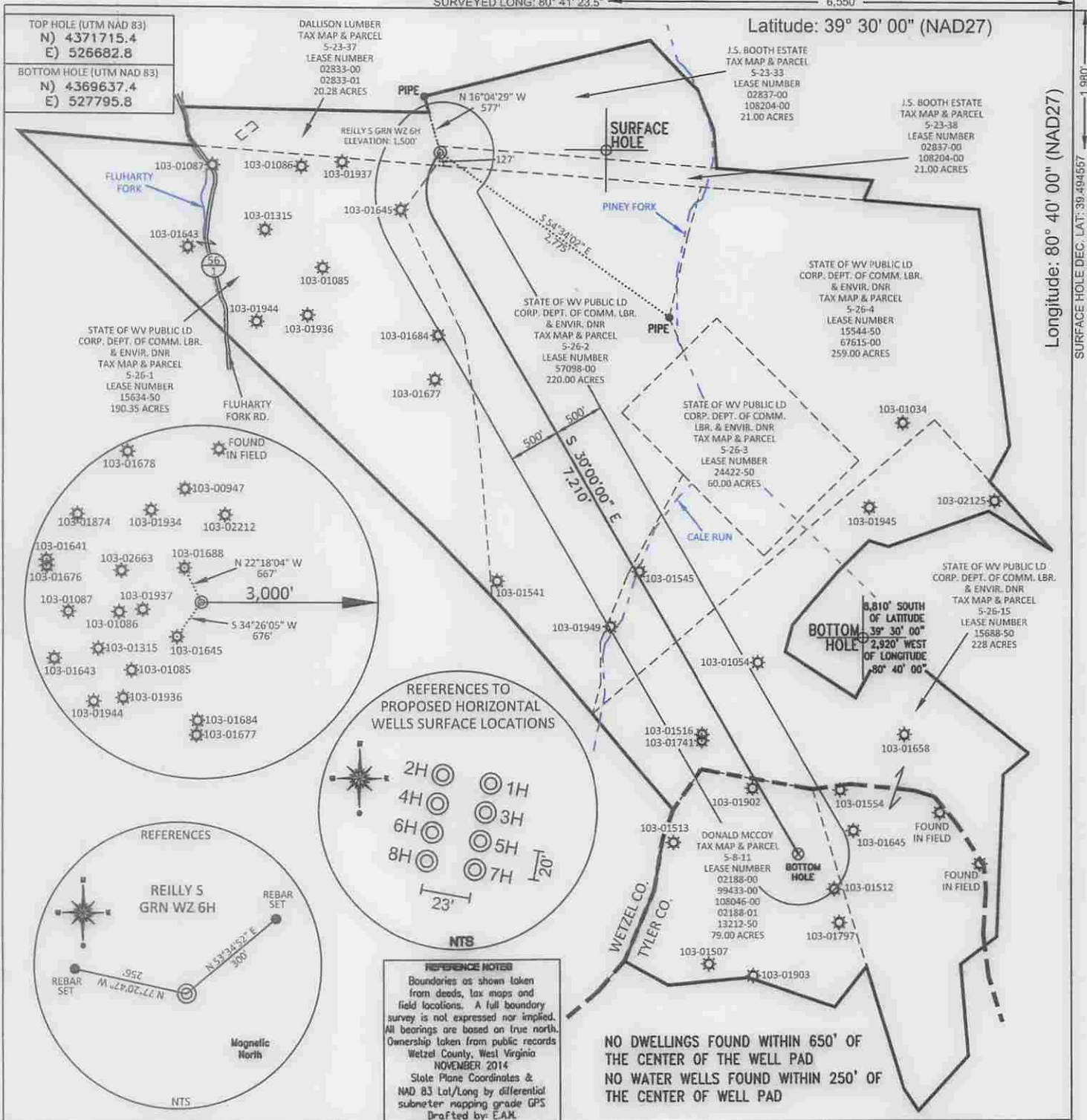
103-03093 MOD



10/09/2015



GRAPHIC SCALE



**REFERENCE NOTES**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Wetzel County, West Virginia NOVEMBER 2014. State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS. Drafted by: E.A.M.

NO DWELLINGS FOUND WITHIN 650' OF THE CENTER OF THE WELL PAD  
NO WATER WELLS FOUND WITHIN 250' OF THE CENTER OF WELL PAD

FILE #: AE002  
DRAWING #: 2468  
SCALE: PLAT - 1" = 1400'  
TICK MARK - 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE OF ELEVATION: SUBMETER MAPPING GRADE 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  
Signed: [Signature]  
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304  
Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: FISHING CREEK ELEVATION: 1500'  
COUNTY/DISTRICT: WETZEL / GREEN QUADRANGLE: CENTER POINT, WV  
SURFACE OWNER: J.S. BOOTH ESTATE AND DALLISON LUMBER ACREAGE: 41.28 +/-  
OIL & GAS ROYALTY OWNER: JAMES K. BOOTH & JERRY MARTIN BOOTH ACREAGE: 1,038.63 +/-  
LEASE NUMBERS: \_\_\_\_\_

DATE: SEPTEMBER 10, 2015  
OPERATOR'S WELL #: REILLY S GRN WZ 6H  
API WELL #: 47 103 03093 MOD  
STATE COUNTY PERMIT

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 7,460' TMD: 15,199'  
WELL OPERATOR: Ascent Resources - Marcellus LLC. DESIGNATED AGENT: Eric B. Gillespie  
ADDRESS: 3501 NW 63rd Street ADDRESS: 100 Star Ave Suite 120  
CITY: Oklahoma City STATE: OK ZIP CODE: 73116 CITY: Parkersburg STATE: WV ZIP CODE: 26101

10/09/2015