



west virginia department of environmental protection

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

August 12, 2013

CHESAPEAKE APPALACHIA, L.L.C.
POST OFFICE BOX 6070
CHARLESTON, WV 25362

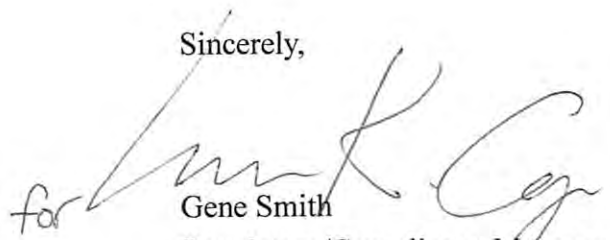
Re: Permit Modification Approval for API Number 6900159 , Well #: ROY FERRELL OHI 205E
changed top hole location

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,

for 
Gene Smith
Regulatory/Compliance Manager
Office of Oil and Gas



Danielle Southall
Regulatory Analyst II

July 29, 2013

Ms. Laura Cooper
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

Re: Modification for Roy Ferrell OHI 205H API# 47-069-00159

Dear Ms. Cooper:

Enclosed please find a modification request for the above captioned well. We would like to move the top hole 20.00 +/- only. The bottom hole will not move. This well is situated on the Ferrell property, in Triadelphia District, Ohio County, West Virginia.

If you have any questions or require additional information, please contact me at 304-517-1416 ext 86024.

Sincerely,

A handwritten signature in blue ink that reads "Dee Southall".

Dee Southall
p.p. Brittany Woody
Associate Regulatory Technician

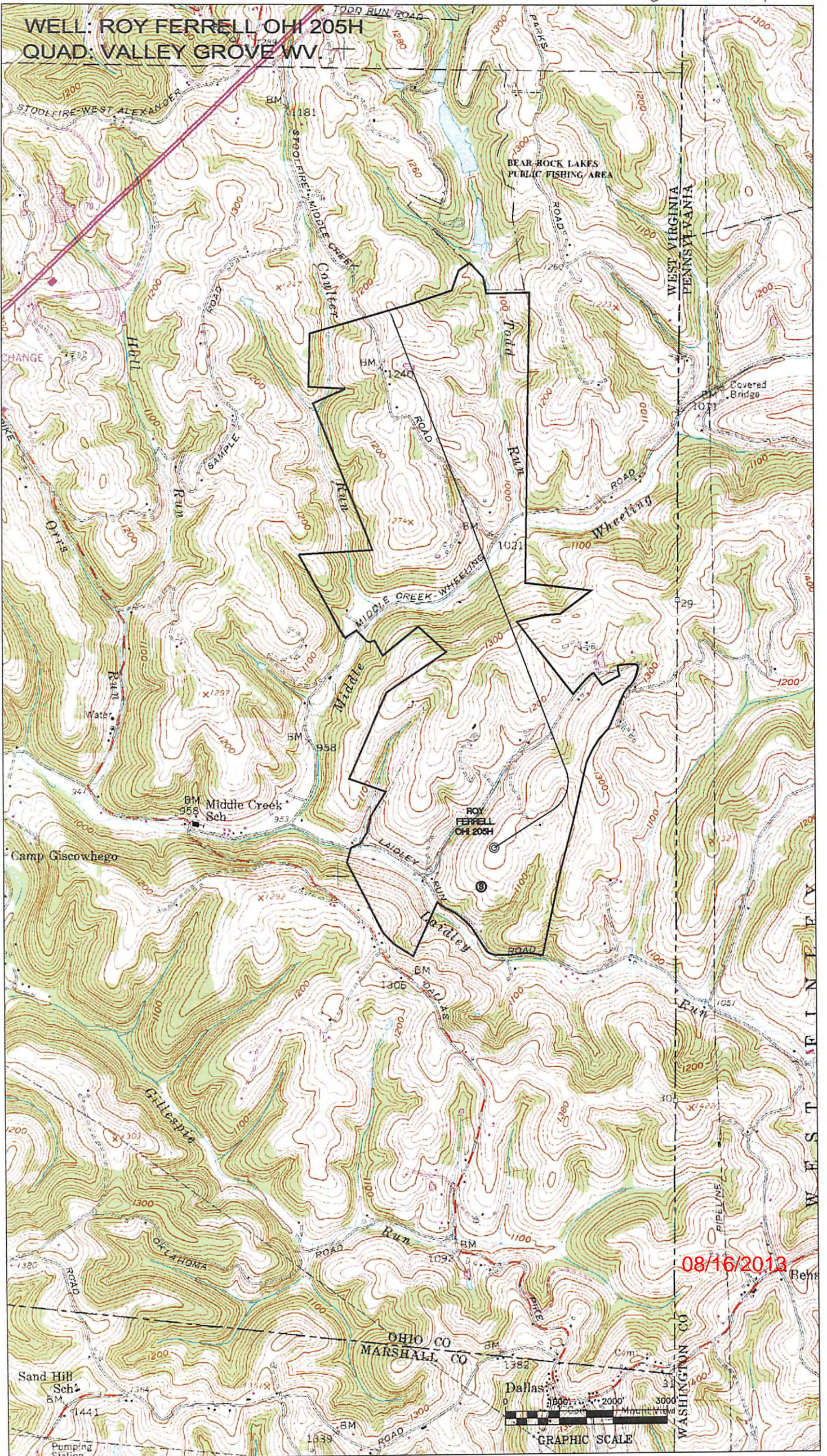
Enclosure(s)

Received

Aug - 6 2013
Office of Oil and Gas
WV Dept. of Environmental Protection

08/16/2013

WELL: ROY FERRELL OH 205H
QUAD: VALLEY GROVE WV.

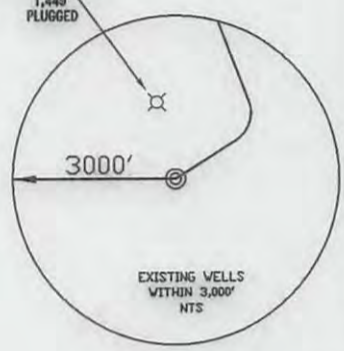
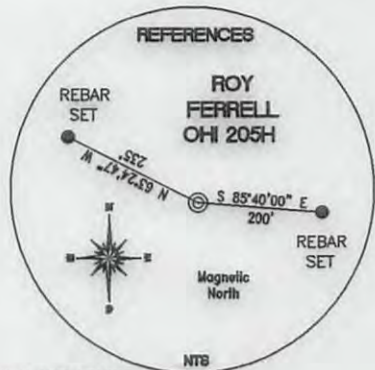
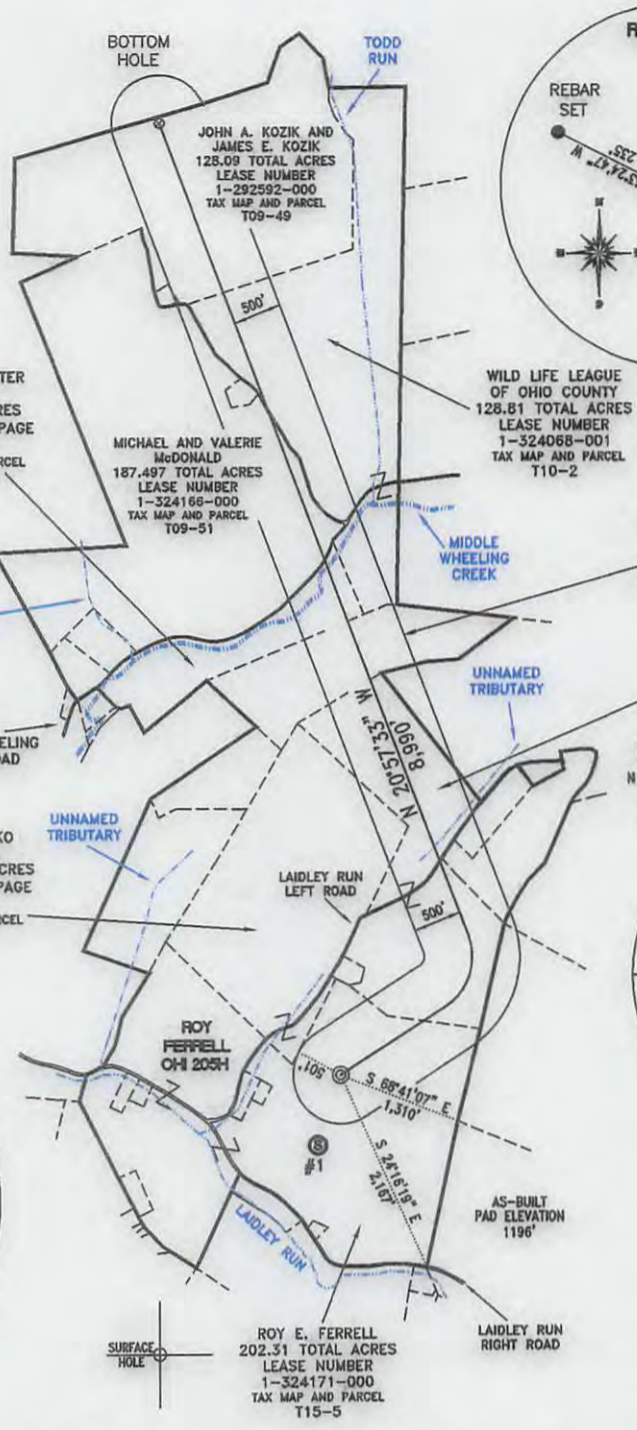


08/16/2013



TH (UTM-NAD 83)
 N) 4432663.9
 E) 540015.2
 BOTTOM HOLE (UTM-NAD 83)
 N) 4435647.9
 E) 539393.9

SPRING #1
 S 18°53'01" W 758'



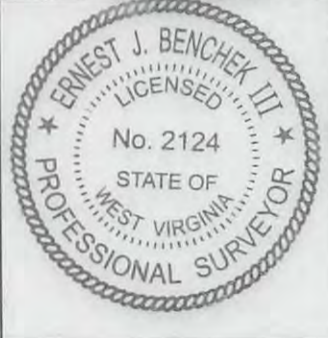
REFERENCE NOTES
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Brooke County, West Virginia DECEMBER 2011
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
 Drafted by: E.A.M.

FILE #: CHE 034
 DRAWING #: 1972
 PLAT = 1" - 2000'
 SCALE: TICK MARK = 1" - 2000'
 MINIMUM DEGREE OF ACCURACY: 1/200
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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:

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: WHEELING CREEK
 COUNTY/DISTRICT: OHIO/TRIADELPHIA
 SURFACE OWNER: ROY E. FERRELL
 OIL & GAS ROYALTY OWNER: ROY E. FERRELL
 LEASE NUMBERS:

DATE: JULY 26, 2013
 OPERATOR'S WELL #: ROY FERRELL OHI 205H
 API WELL #: 47 69 MOD 00159 H6A
 STATE COUNTY PERMIT

ELEVATION: 1,196'
 QUADRANGLE: VALLEY GROVE WV.
 ACREAGE: 202.31 +/-
 ACREAGE: 814.117 +/-

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
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.
 ADDRESS: PO BOX 18496
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

ESTIMATED DEPTH: TVD: 6,660' TMD: 16,320'
 DESIGNATED AGENT: ERIC B. GILLESPIE
 ADDRESS: Po Box 6070
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301