



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 07, 2013

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

Re: Permit Modification Approval for API Number 6900114 , Well #: ROY FERRELL OHI 10H
changed top hole location

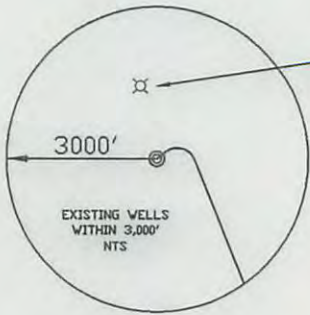
Oil and Gas Operator:

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.

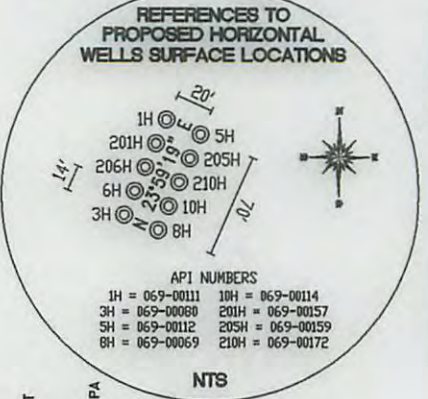
Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

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



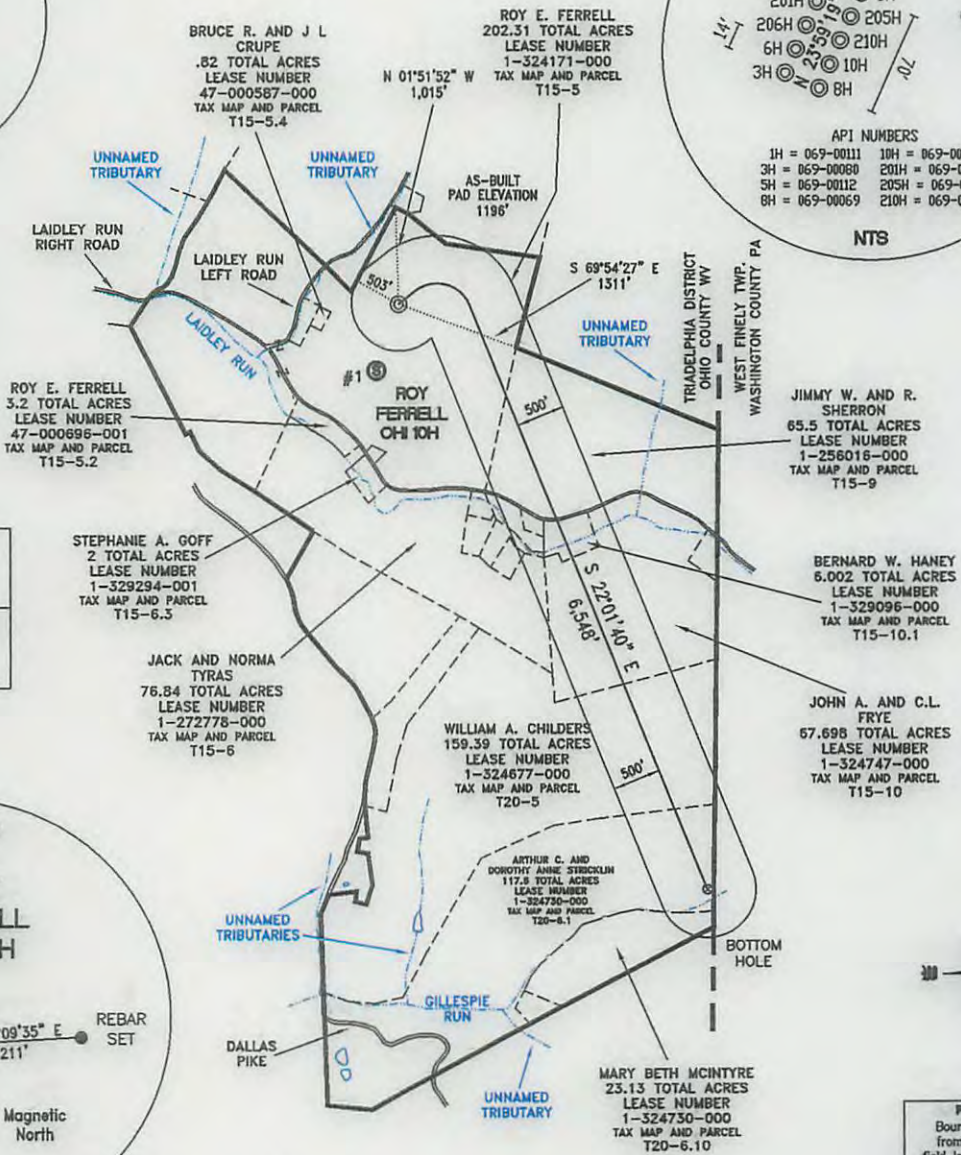
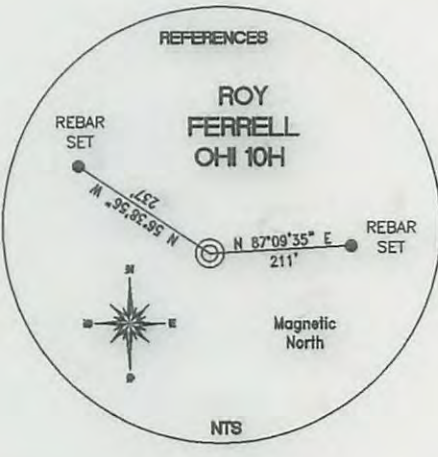
API NUMBER
069-00022
N 12°52'15" W
1,472'
PLUGGED



API NUMBERS
1H = 069-00111 10H = 069-00114
3H = 069-00080 20H = 069-00157
5H = 069-00112 205H = 069-00159
6H = 069-00069 210H = 069-00172
8H = 069-00069

SPRING #1
S 18°41'17" W 730'

TH (UTM-NAD 83)
N) 4432656.1
E) 540011.9
BOTTOM HOLE (UTM-NAD 83)
N) 4430818.8
E) 541019.0



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 Ohio County, West Virginia FEBRUARY 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Dated by: EAM.

FILE #: CHE 034
DRAWING #: 1856
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 Disposal 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 10H
API WELL #: 47 69 **00114H6A MOD**
STATE COUNTY PERMIT

ELEVATION : 1196'
QUADRANGLE: VALLEY GROVE WV.
ACREAGE: 202.31 +/-
ACREAGE: 581.28 +/- **08/09/2013**

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: 6,665' TMD: 13,544'
DESIGNATED AGENT : ERIC B. GILLESPIE
ADDRESS: PO Box 6070
CITY: CHARLESTON STATE: WV ZIP CODE: 25301

SURFACE HOLE DEC. LAT: 40.043114 SURVEYED LAT: 40° 02' 35.2"



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 10H API# 47-069-00114

Dear Ms. Cooper:

Enclosed please find a modification request for the above captioned well. We would like to move the top hole 14.00 +/- 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

Office of Oil and Gas
WV Dept. of Environmental Protection