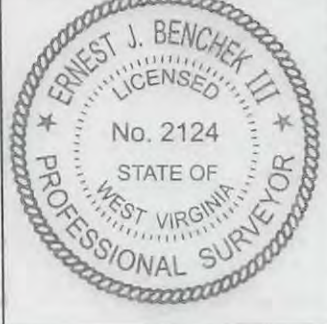


SURFACE HOLE DEC. LAT: 40.043206 SURVEYED LAT: 40° 02' 55.5"

FILE #: CHE 034
DRAWING #: 1972
PLAT = 1" - 1600'
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: *[Signature]*
L.L.S. #2124: Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDOP

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 ELEVATION: 1,196'

COUNTY/DISTRICT: OHIO/TRIADELPHIA QUADRANGLE: VALLEY GROVE WV.

SURFACE OWNER: ROY E. FERRELL ACREAGE: 202.31 +/-

OIL & GAS ROYALTY OWNER: ROY E. FERRELL ACREAGE: 549.949 +/-

LEASE NUMBERS: _____

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: 6,660' TMD: 13,570'

WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC B. GILLESPIE
ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070

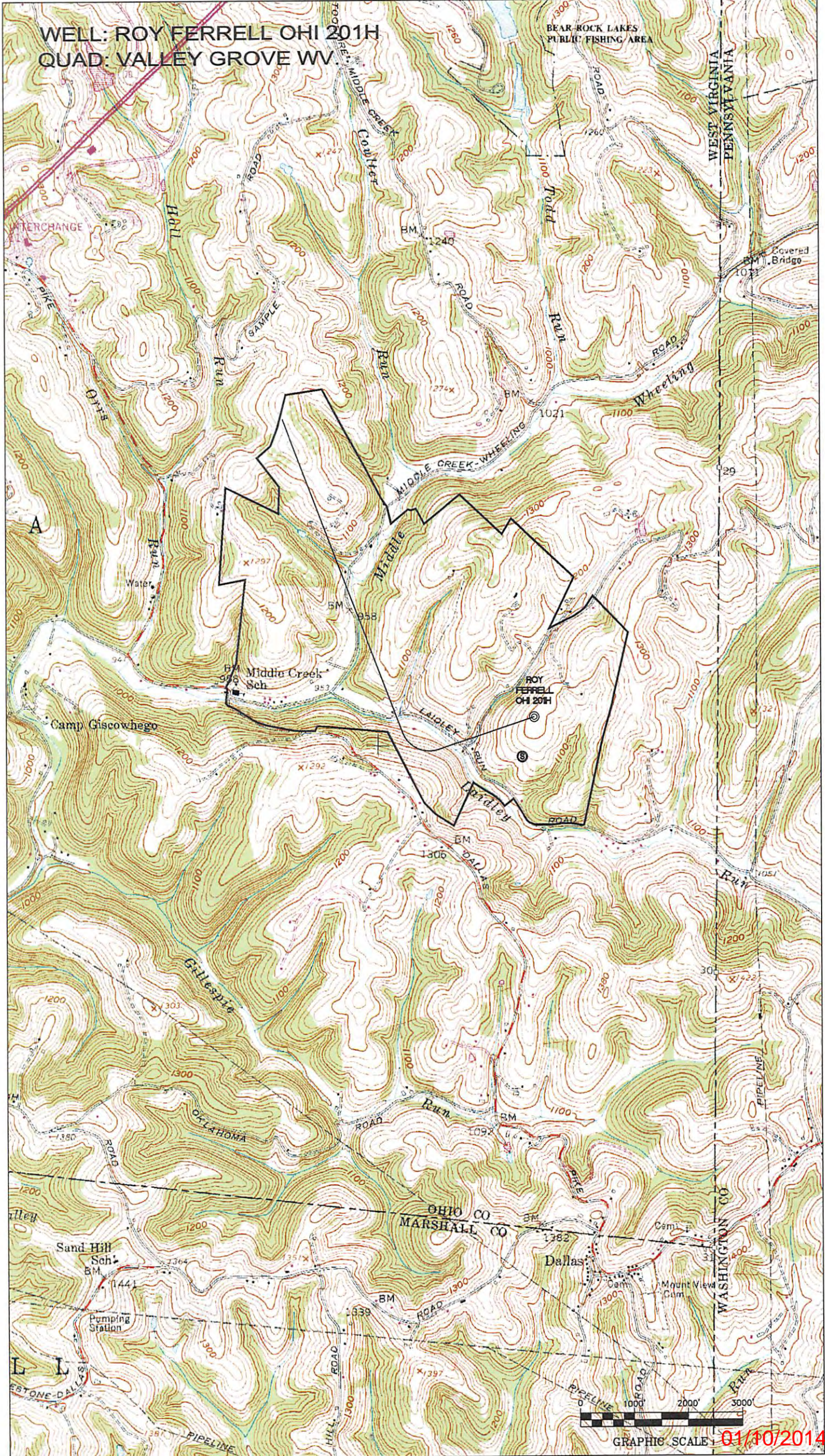
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25302

DATE: JULY 26, 2013

OPERATOR'S WELL #: ROY FERRELL OHI 201H
API WELL #: 47 69 00157H6A
STATE COUNTY PERMIT

01/10/2014

WELL: ROY FERRELL OHI 201H
QUAD: VALLEY GROVE WV



GRAPHIC SCALE 01/30/2014