

NOTES ON SURVEY

LATITUDE 39°17'30"

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.

EQT PRODUCTION COMPANY
FLANAGAN LEASE
268 ACRES±
WELL NO. WV 516208

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 279,079.34 E. 1,595,838.47
NAD'27 GEO. LAT-(N) 39.257423 LONG-(W) 80.927333
NAD'83 UTM (M) N. 4,345,355.20 E. 506,284.13
LANDING POINT
NAD'27 S.P.C.(FT) N. 277,726.51 E. 1,594,919.28
NAD'27 GEO. LAT-(N) 39.253669 LONG-(W) 80.930503
NAD'83 UTM (M) N. 4,344,938.38 E. 506,010.98
BOTTOM HOLE
NAD'27 S.P.C.(FT) N. 268,760.77 E. 1,598,725.01
NAD'27 GEO. LAT-(N) 39.229221 LONG-(W) 80.916566
NAD'83 UTM (M) N. 4,342,226.38 E. 507,215.99

Table with 3 columns: ROYALTY OWNERS, ACREAGE, LEASE NO. Includes entries for MABLE BROADWATER ET AL, JANE PHILLIPS ET AL, W. MERTON PRUNTY ET AL, JOSEPH R. FLANAGAN ET AL, ORMA W. JOHNSON ET AL.

LEGEND table defining symbols for LEASE LINE, SURFACE LINE, WELL LATERAL, OFFSET LINE, TIE LINE, CREEK, ROAD, COUNTY ROUTE, STATE ROUTE, PROPOSED WELL, EXISTING WELL, PERMITTED WELL, TAX MAP-PARCEL.

REFERENCES

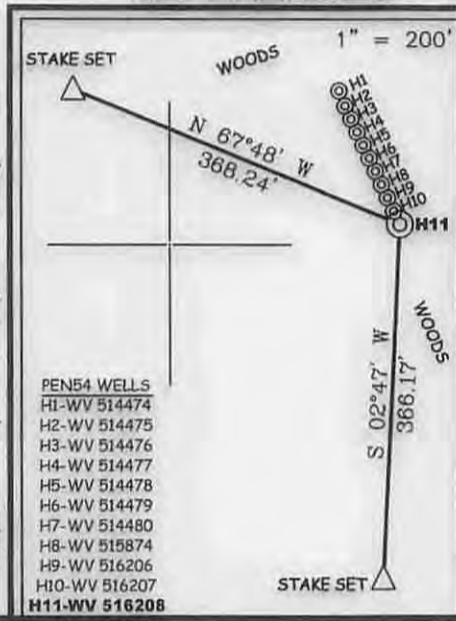


Table listing adjacent landowners (A-O) with their names, acreage, and tax map parcel numbers.

Professional Energy Consultants logo and contact information: A DIVISION OF EARTH LAND SURVEYING, INC. SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT. (304) 462-8834 WWW.SLSURVEYS.COM

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 849 C. Victor Moyers (signature)



Form with fields: (+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. DATE JUNE 25 20 15. REVISED JULY 01 20 15. OPERATORS WELL NO. WV 516208. API WELL NO. 47-085-10232. STATE COUNTY PERMIT.

Form with fields: MINIMUM DEGREE OF ACCURACY 1/200. FILE NO. 8083P516208R. SCALE 1" = 2000'. HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

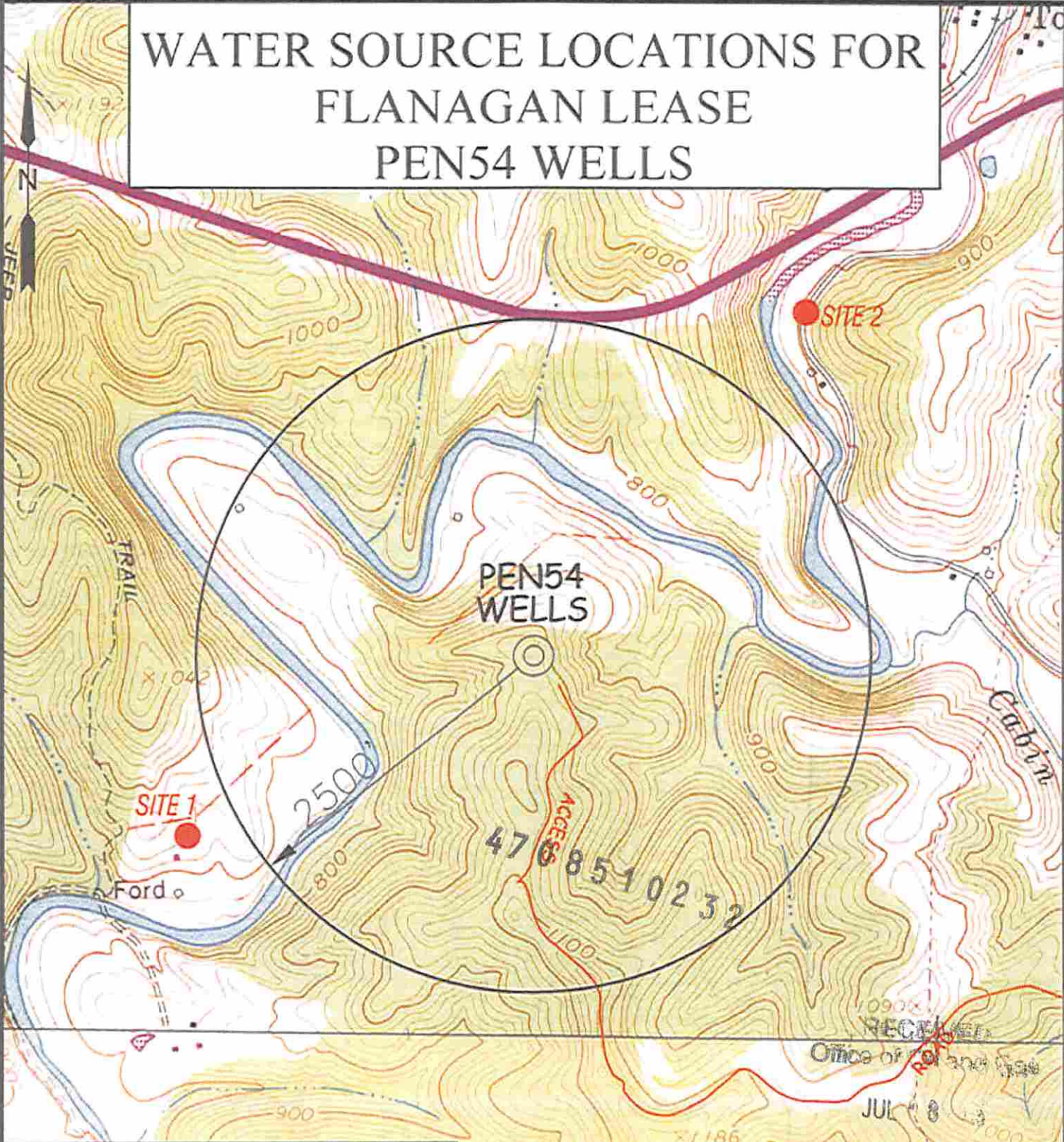
STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

Form with fields: WELL TYPE: OIL GAS X INJECTION. LOCATION: GROUND PROPOSED. ELEVATION 1,024' 1,016'. WATERSHED NORTH FORK HUGHES RIVER. DISTRICT CLAY COUNTY RITCHIE. SURFACE OWNER JERRY MORTON ET AL. ROYALTY OWNER ELLEN S. FRANCAVIGLIA ET AL. PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH TVD 6,275'

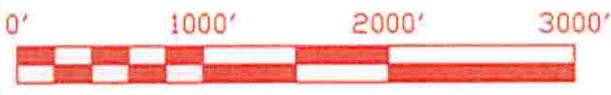
Form with fields: WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY. ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

LONGITUDE 80°55'00" 12.473' COUNTY NAME PERMIT

WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS



SCALE: 1-INCH = 1000-FEET



RECEIVED
Office of Oil and Gas
JUL 8 2015
WV Department of
Environmental Protection
LEGEND
● WATER WELL

Professional Energy Consultants
A DIVISION OF SMITHLAND SURVEYING, INC.
SLS SURVEYING ENGINEERS ENVIRONMENTAL PROPERTY MGMT.
DRAWN BY: K.D.W. FILE NO: 8083 DATE: 06/02/15 CADD FILE: 00835PEN54.dwg

TOPO SECTION OF:
PENNSBORO, WV 7.5' QUAD

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
CLAY	RITCHIE	31-09

OPERATOR:
EQT PRODUCTION COMPANY
115 PROFESSIONAL PLACE
P.O. BOX 280
BRIDGEPORT, WV 26306
08/21/2015