

LEGEND

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	TM 00-00

LATITUDE 39°17'30"

**EQT PRODUCTION COMPANY
FLANAGAN LEASE
268 ACRES±
WELL NO. WV 516207**

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 279,092.93 E. 1,595,832.12
 NAD'27 GEO. LAT-(N) 39.257460 LONG-(W) 80.927356
 NAD'83 UTM (M) N. 4,345,359.31 E. 506,282.13

LANDING POINT

NAD'27 S.P.C.(FT) N. 278,619.37 E. 1,595,463.69
 NAD'27 GEO. LAT-(N) 39.256143 LONG-(W) 80.928631
 NAD'83 UTM (M) N. 4,345,213.16 E. 506,172.29

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 268,862.02 E. 1,599,605.44
 NAD'27 GEO. LAT-(N) 39.229537 LONG-(W) 80.913464
 NAD'83 UTM (M) N. 4,342,261.71 E. 507,483.69

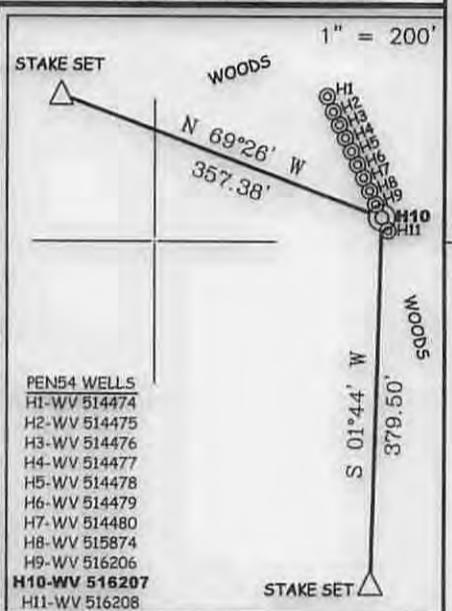
ROYALTY OWNERS

MABLE BROADWATER ET AL	360 AC±	LEASE NO. 105412
JANE PHILLIPS ET AL	55 AC±	LEASE NO. 105408
DONALD R. REYNOLDS ET AL	128 AC±	LEASE NO. 1005916
JOSEPH R. FLANAGAN ET AL	163 AC±	LEASE NO. 1005921
ORMA M. JOHNSON ET AL	557.5 AC±	LEASE NO. 105675

NOTES ON SURVEY

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.

REFERENCES



NAD'27 GRID NORTH

A	RANDALL OWENS ET AL	3.99 AC±	
B	RANDALL LAMM	43.5 AC±	TM 36-03
C	RANDALL LAMM	11.66 AC±	
D	FOUSS FARMS LLC	19 AC±	
E	FAITH E. BEE	51.88 AC±	
F	JOHN R. SUDOL ET AL	39.56 AC±	
G	RUTH HALL (LIFE)	69.5 AC±	
H	ERNEST McATEE ET AL	48.88 AC±	
I	EVERETT McATEE	16.53 AC±	
J	JUNIOR COTTRILL ET AL	33.065 AC±	TM 36-21
K	SHAWN M. GIBBONS	1.563 AC±	TM 36-11.3
L	JEFFREY L. MACE ET AL	0.50 AC±	
M	JEFFERY & ROSE JETT	0.472 AC±	TM 36-21.2
N	JEFFERY & ROSE JETT	25.015 AC±	TM 36-21.1
O	CHARLES E. COTTRILL ET AL	16.15 AC±	
P	JOHN P. COTTRILL ET AL	4.3 AC±	
Q	ROGER WILLIAMS ET AL	8.068 AC±	
R	GARY COTTRILL	5.051 AC±	TM 36-11.4
S	MARY SIMMONS (LIFE) ET AL	30 AC±	

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING, INC.

 SURVEYORS
 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
 (904) 462-8434 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*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JUNE 25, 20 15
 REVISED JULY 01, 20 15
 OPERATORS WELL NO. WV 516207
 API WELL NO. 47-085 10231 WGA
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8083P516207R
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: GROUND PROPOSED

ELEVATION 1,022' 1,016' WATERSHED NORTH FORK HUGHES RIVER

DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER JERRY MORTON ET AL ACREAGE 243.50±

ROYALTY OWNER ELLEN S. FRANCAVIGLIA ET AL ACREAGE 268± LEASE NO. 105403

PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

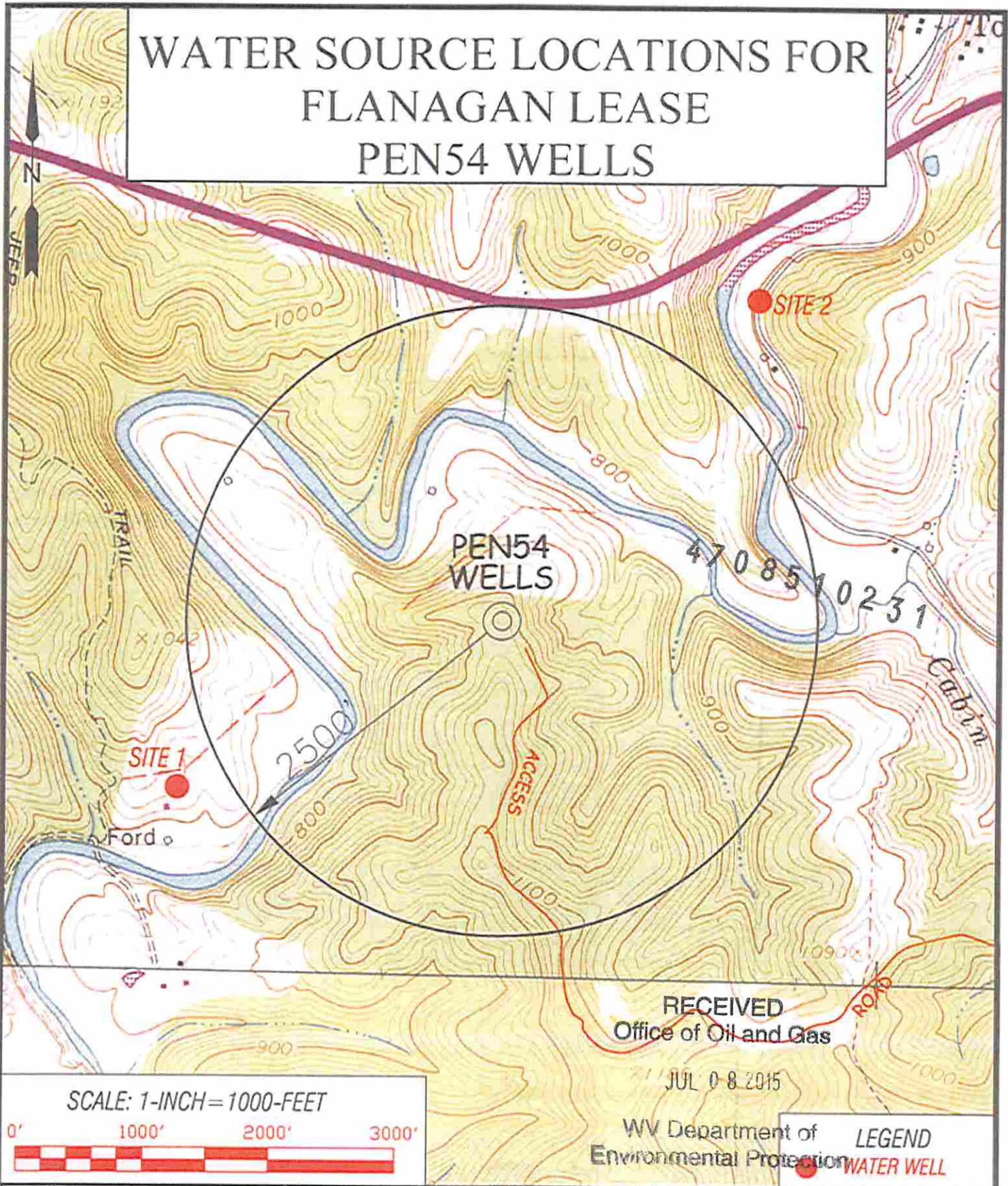
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
 ESTIMATED DEPTH TVD 6,275'

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

COUNTY NAME PERMIT

08/21/2015

WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS

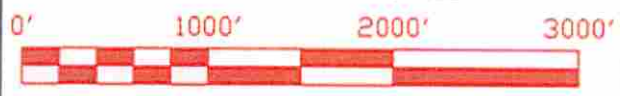


RECEIVED
Office of Oil and Gas
JUL 08 2015

WV Department of Environmental Protection

LEGEND
● WATER WELL

SCALE: 1-INCH=1000-FEET



TOPO SECTION OF:
PENNSBORO, WV 7.5' QUAD

OPERATOR:
EQT PRODUCTION COMPANY
115 PROFESSIONAL PLACE
P.O. BOX 280
BRIDGEPORT, WV 26330

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

Professional Energy Consultants
A DIVISION OF SMITH LANG MORTIMER, INC.

SLS SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROPERTY MANAGERS

DRAWN BY K.D.W.	FILE NO. 8083	DATE 06/02/15	CADD FILE 8083PEN54.DWG
--------------------	------------------	------------------	----------------------------

08/21/2015