

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 514476

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 279,188.08 E. 1,595,787.72
NAD'27 GEO. LAT-(N) 39.257719 LONG-(W) 80.927518
NAD'83 UTM (M) N. 4,345,388.07 E. 506,268.12

LANDING POINT

NAD'27 S.P.C.(FT) N. 278,855.28 E. 1,596,286.96
NAD'27 GEO. LAT-(N) 39.256827 LONG-(W) 80.925737
NAD'83 UTM (M) N. 4,345,289.23 E. 506,421.90

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 269,070.31 E. 1,600,440.43
NAD'27 GEO. LAT-(N) 39.230145 LONG-(W) 80.910529
NAD'83 UTM (M) N. 4,342,329.42 E. 507,737.01

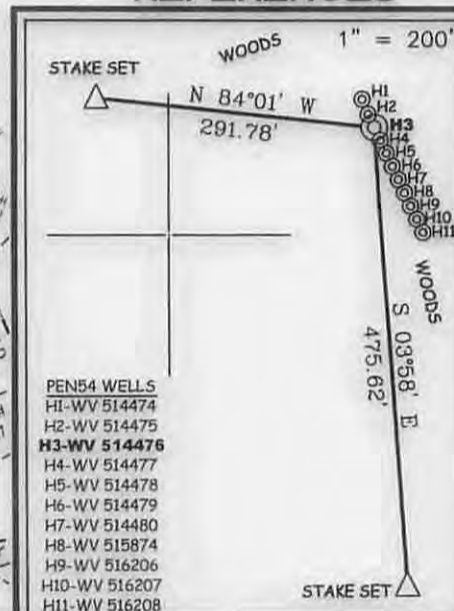
ROYALTY OWNERS

MABLE BROADWATER ET AL	360 AC±	LEASE NO. 105412
DONALD R. REYNOLDS ET AL	126 AC±	LEASE NO. 1005916
JOSEPH R. FLANAGAN ET AL	153 AC±	LEASE NO. 1005921
CARNEGIE NATURAL GAS ET AL	156 AC±	LEASE NO. 708517
ORMA M. JOHNSON ET AL	557.5 AC±	LEASE NO. 105675

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

REFERENCES



A	RANDALL OWENS ET AL	3.99 AC±
B	RANDALL LAMM	43.5 AC±
C	RANDALL LAMM	11.66 AC±
D	FOUSS FARMS LLC	19 AC±
E	ERNEST McATEE ET AL	48.88 AC±
F	JUNIOR COTTRILL ET AL	33.065 AC±
G	SHAWN M GIBBONS	1.563 AC±
H	JUNIOR COTTRILL ET AL	23.322 AC±
I	JEFFERY & ROSE JETT	0.472 AC±
J	JEFFERY & ROSE JETT	18.31 AC± TM 37-04
K	CHARLES E. COTTRILL ET AL	16.15 AC±
L	JOHN P. COTTRILL ET AL	4.3 AC±
M	RANDALL LAMM	44 AC± TM 36-05.1
N	RONNIE WAGES	66.95 AC± TM 36-05
O	ROGER WILLIAMS ET AL	8.068 AC± TM 37-5.2
P	MARY SIMMONS (LIFE) ET AL	30 AC±
Q	ROY & DONALD DODD	2.51 AC± TM 36-13
R	SHAWN GIBBONS	1.563 AC±
S	GARY COTTRILL	5.051 AC± TM 36-11.4

Professional Energy Consultants
DIVISION OF SMITH LAND SURVEYING, INC.
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.
(304) 482-5834
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 514476
API WELL NO. 47-085-10226
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8083P514476
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 1,016' 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

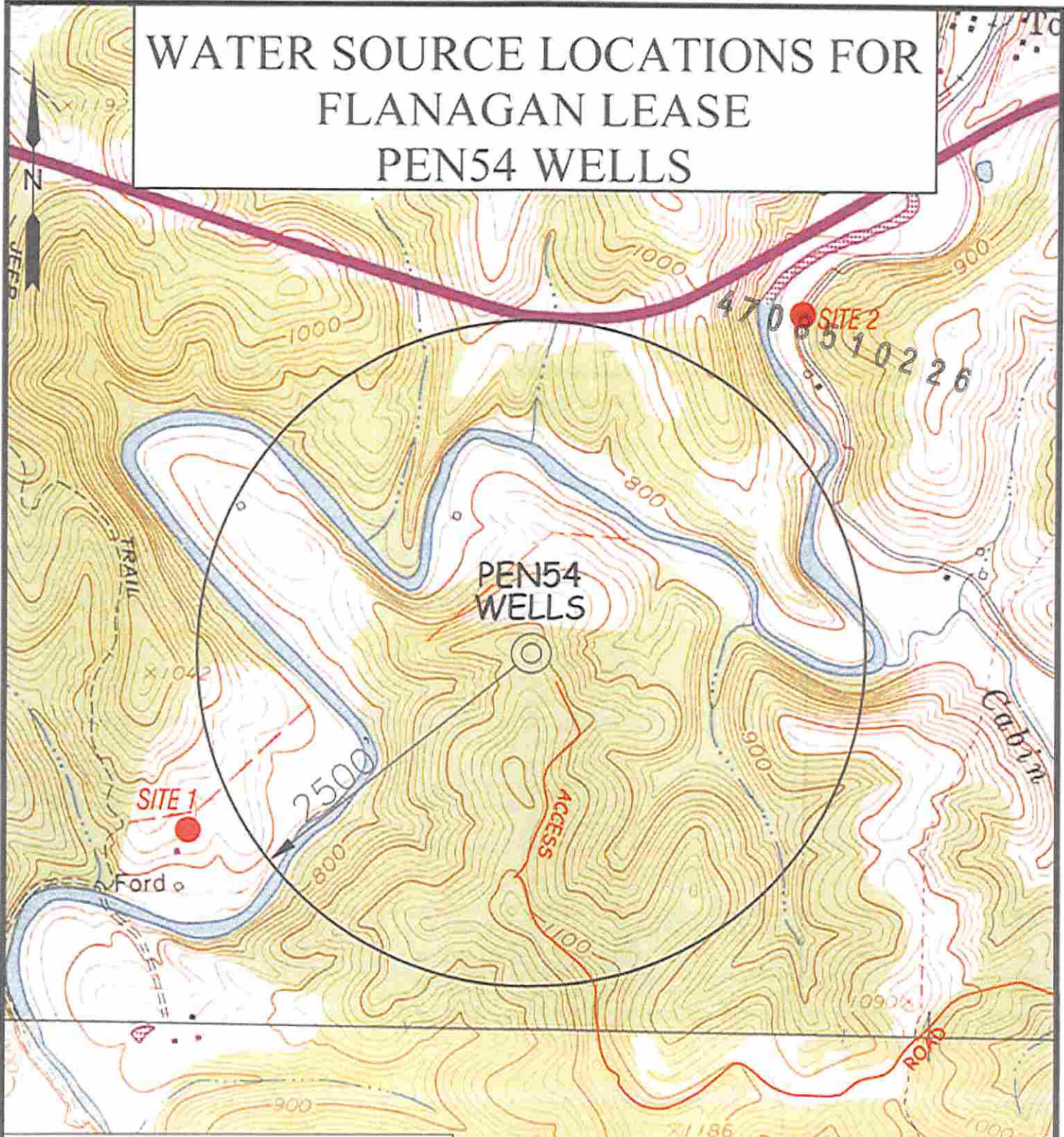
PROPOSED WORK:
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH TVD 6,275'

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

08/21/2015


LONGITUDE 80°55'00"
COUNTY NAME
PERMIT

WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS



RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection
JUL 08 2015

Professional Energy Consultants
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ENVIRONMENTAL
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DRAWN BY: K.D.W. FILE NO: 8083 DATE: 06/02/15 CADD FILE: 8083WSP0454.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 26308

WV Department of Environmental Protection
08/21/2015