

A	JERRY MORTON ET AL	243.50 AC±	TM 31-05
B	JUDITH & JO ANN ROBINSON	106.265 AC±	
C	JANICE WILLIAMS	1.715 AC±	TM 26-58.2
D	JANICE WILLIAMS	111.876 AC±	TM 26-58.9
E	EQT PRODUCTION COMPANY	46.63 AC±	TM 26-58
F	WILLIAM & JANET BROADWATER	37.565 AC±	
G	WILLIAM & JANET BROADWATER	107 AC±	
H	BRIAN RICHEY ET UX	7.69 AC±	
I	EUSTACE LAMM ET AL	0.3 AC±	
J	MAHLON & FERYL HARRIS	16.62 AC±	

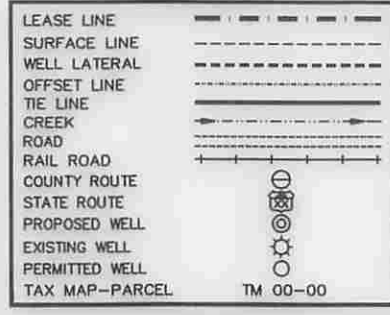
**EQT PRODUCTION COMPANY
FLANAGAN LEASE
268 ACRES±
WELL NO. WV 516206**
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 279,106.53 E. 1,595,825.78
NAD'27 GEO. LAT-(N) 39.257497 LONG-(W) 80.927379
NAD'83 UTM (M) N. 4,345,363.42 E. 506,280.13

LANDING POINT
NAD'27 S.P.C.(FT) N. 279,993.25 E. 1,597,251.10
NAD'27 GEO. LAT-(N) 39.259993 LONG-(W) 80.922396
NAD'83 UTM (M) N. 4,345,640.82 E. 506,709.84

BOTTOM HOLE
NAD'27 S.P.C.(FT) N. 284,624.90 E. 1,595,746.19
NAD'27 GEO. LAT-(N) 39.272643 LONG-(W) 80.927970
NAD'83 UTM (M) N. 4,347,044.18 E. 506,227.82

LEGEND

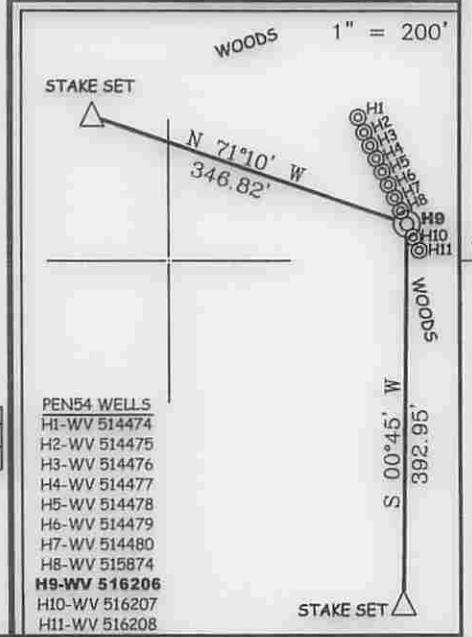


ROYALTY OWNERS		
GUY FLANAGAN ET AL	128 AC±	LEASE NO. 1005912
MARY LEE AZELVANDRE ET AL	500 AC±	LEASE NO. 114193

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



PEN54 WELLS
H1-WV 514474
H2-WV 514475
H3-WV 514476
H4-WV 514477
H5-WV 514478
H6-WV 514479
H7-WV 514480
H8-WV 515874
H9-WV 516206
H10-WV 516207
H11-WV 516208

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

SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.

(304) 483-6834 WWW.SLSURVEYS.COM

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. 677 *Gregory A. Smith*

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

DATE JUNE 25, 20 15

REVISED _____, 20 _____

OPERATORS WELL NO. WV 516206

API WELL NO. 47 085 10230 HGA

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8083P516206

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 1,020' 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±

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

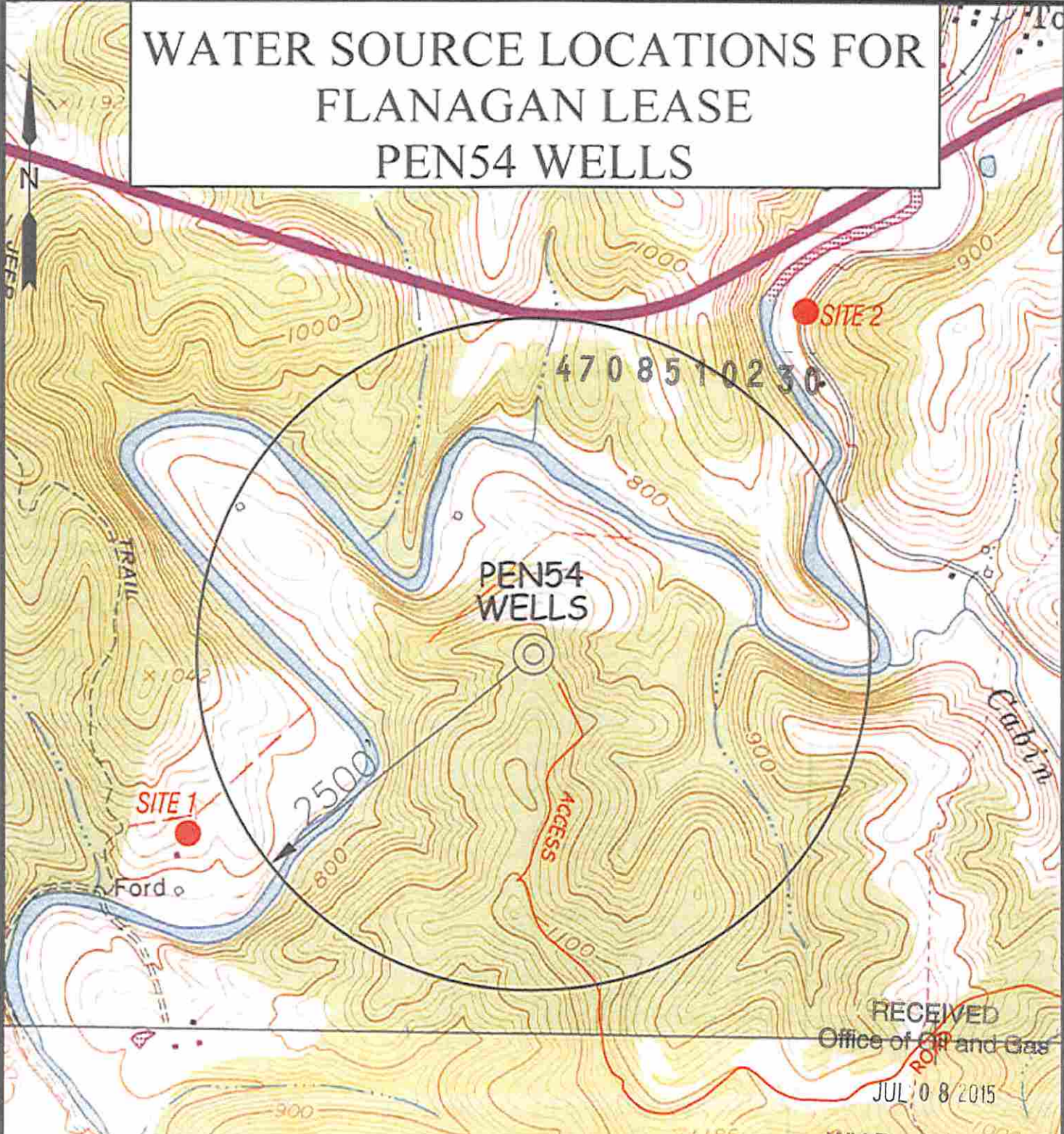
ESTIMATED DEPTH TVD 6,275'

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

WATER SOURCE LOCATIONS FOR FLANAGAN LEASE PEN54 WELLS



SCALE: 1-INCH = 1000-FEET



RECEIVED
Office of Oil and Gas
JUL 08 2015

WV Department of
Environmental Protection

LEGEND
● WATER WELL

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ENVIRONMENTAL
PROJECT MANAGERS

2011-10-10-1000

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

08/21/2015