

EQT WELL NO. 514562

AS DRILLED COORDINATES FOR WELL NO. WV 514562

NOTES:

-PLAT ORIENTATION, CORNERS, AND WELL REFERENCES ARE BASED UPON THE GRID NORTH MERIDIAN FOR THE WV STATE PLANE COORDINATE SYSTEM, NORTH ZONE NAD 27. WELL LOCATION REFERENCE TIES ARE BASED UPON THE MAGNETIC MERIDIAN.

-THERE ARE NO (O) WATER WELL(S) LOCATED WITHIN 250' OF WELL H1.

-THERE ARE NO (O) STRUCTURE(S) LOCATED WITHIN 625' OF WELL H1.

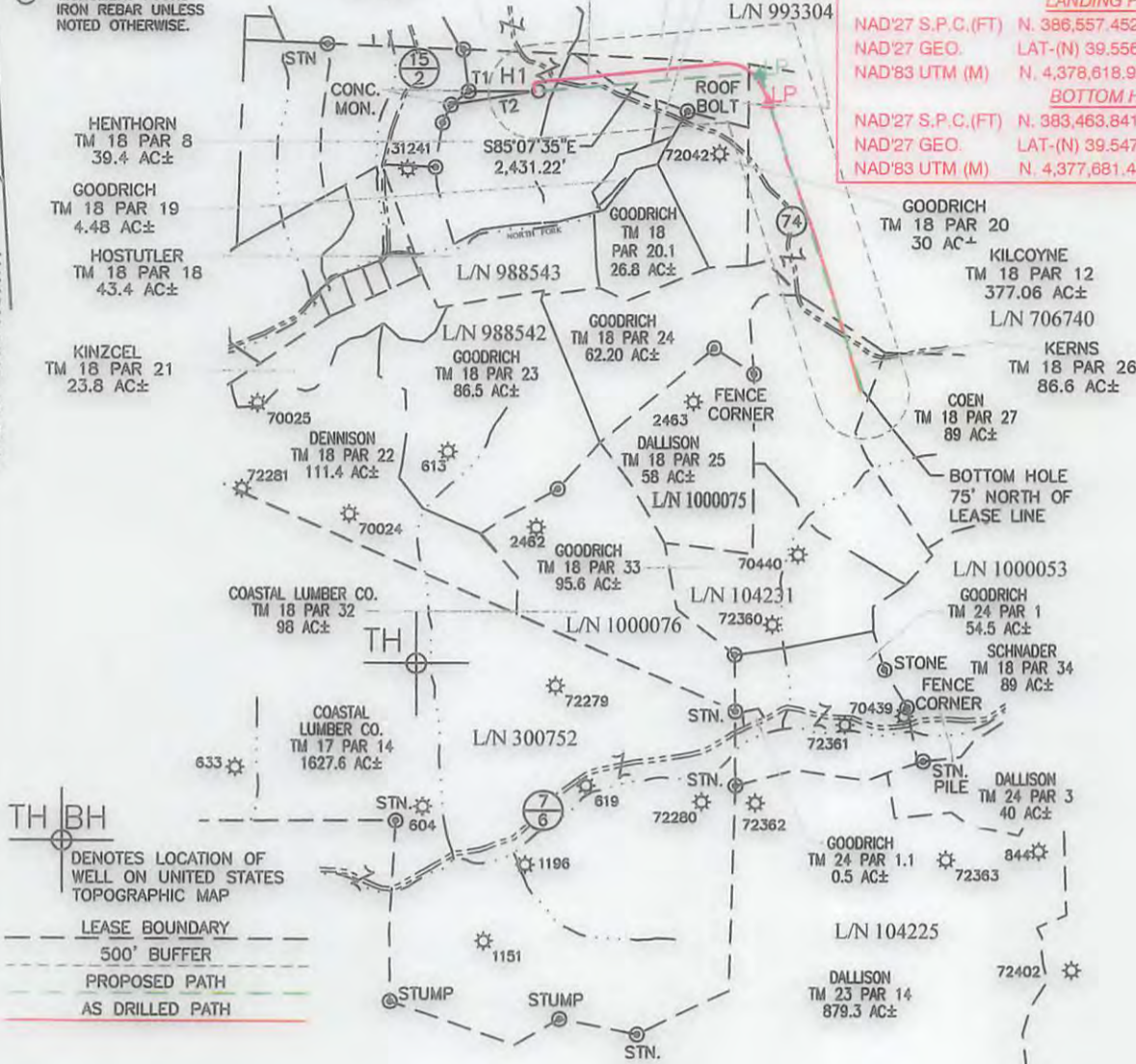
⊙ = MONUMENT FOUND IRON REBAR UNLESS NOTED OTHERWISE.

| (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) | | |
|--|-------------------|--------------------|
| NAD'27 S.P.C.(FT) | N. 386,677.150 | E. 1,695,439.735 |
| NAD'27 GEO. | LAT-(N) 39.556711 | LONG-(W) 80.580004 |
| NAD'83 UTM (M) | N. 4,378,642.535 | E. 536,081.507 |
| LANDING POINT | | |
| NAD'27 S.P.C.(FT) | N. 386,557.452 | E. 1,697,963.382 |
| NAD'27 GEO. | LAT-(N) 39.556382 | LONG-(W) 80.571235 |
| NAD'83 UTM (M) | N. 4,378,618.921 | E. 536,850.982 |
| BOTTOM HOLE | | |
| NAD'27 S.P.C.(FT) | N. 383,463.841 | E. 1,698,949.775 |
| NAD'27 GEO. | LAT-(N) 39.547921 | LONG-(W) 80.567607 |
| NAD'83 UTM (M) | N. 4,377,681.439 | E. 537,167.194 |

NAD'27 GRID NORTH

LONGITUDE 80°32'30"

9,700 TOP HOLE



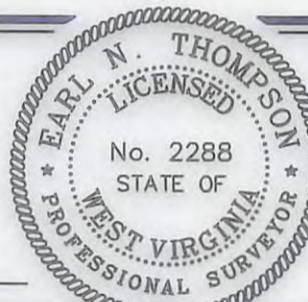
| LINE | BEARING | DIST. |
|------|-------------|---------|
| T1 | S89°49'17"E | 717.10' |
| T2 | N81°05'07"E | 459.40' |

| LEASE NO. | ROYALTY OWNER | ACRES |
|-----------|-----------------------|----------|
| 706740 | EQT PRODUCTION CO. | 1003.75± |
| 104231 | JOYCE M. MARTIN et al | 300± |

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYS, INC.
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ENVIRONMENTAL
PROJECT MGMT.
(204) 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. 2288 *Earl N. Thompson*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JUNE 23 , 20 14

REVISED AUGUST 25, 2015 & JUNE 06, 2016

OPERATORS WELL NO. WV 514562

API WELL NO. **47 - 103 - 02980H**
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500
FILE NO. 8471BIG 367 WELLSR2
HORIZONTAL & VERTICAL CONTROL DETERMINED BY OPUS (SURVEY GRADE GPS)
SCALE 1" = 2000'

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

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

LOCATION: PAD ELEVATION 1,442.9' WATERSHED NORTH FORK OF FISHING CREEK
DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'

SURFACE OWNER DENCIL HENTHORN ET AL ACREAGE 39.4±

ROYALTY OWNER SHIBEN ESTATE, INC. ACREAGE 297.50±

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 7,565'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

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COUNTY GAME

PERMIT

08/12/2016