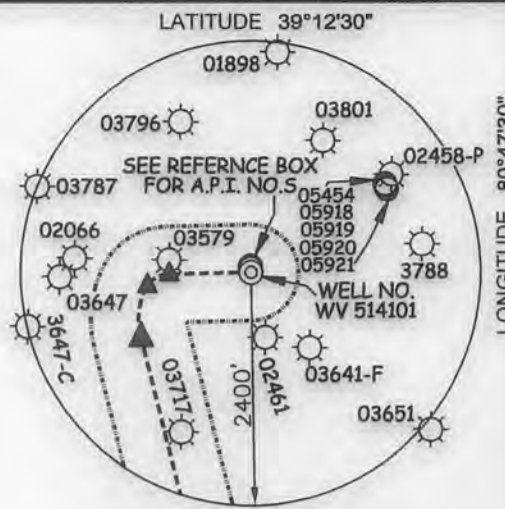


OXF160
WV 514101
EQT PRODUCTION COMPANY



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

| | | |
|----------------------|-------------------|--------------------|
| NAD'27 S.P.C.(FT) | N. 250,870.75 | E. 1,631,717.49 |
| NAD'27 GEO. | LAT-(N) 39.181476 | LONG-(W) 80.799201 |
| NAD'83 UTM (M) | N. 4,336,944.23 | E. 517,357.99 |
| LANDING POINT | | |
| NAD'27 S.P.C.(FT) | N. 250,196.35 | E. 1,630,573.44 |
| NAD'27 GEO. | LAT-(N) 39.179579 | LONG-(W) 80.803202 |
| NAD'83 UTM (M) | N. 4,336,732.96 | E. 517,012.89 |
| BOTTOM HOLE | | |
| NAD'27 S.P.C.(FT) | N. 245,689.87 | E. 1,631,723.63 |
| NAD'27 GEO. | LAT-(N) 39.187253 | LONG-(W) 80.798915 |
| NAD'83 UTM (M) | N. 4,335,365.94 | E. 517,386.20 |

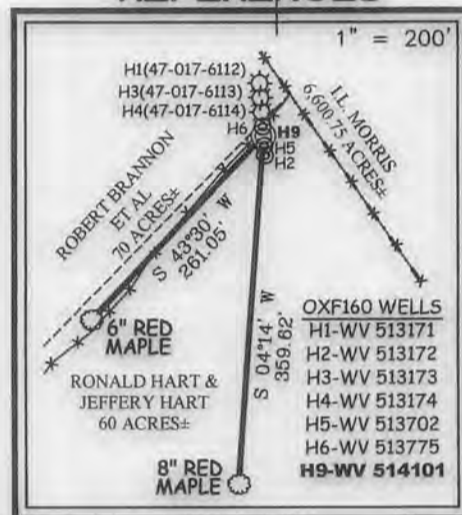
NOTES ON SURVEY

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.
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.

| ROYALTY OWNERS | | |
|------------------------------------|--------|------------------|
| GLENN H. SHIVE ET AL | 53 AC± | LEASE NO. 114449 |
| C. BURKE MORRIS & S.A. SMITH ET AL | 28 AC± | LEASE NO. 114447 |

| | | | |
|---|----------------------------|-----------------|--------------|
| A | ROBERT BRANNON ET AL | 70 ACRES± | SW TM-09-19 |
| B | RONALD HART & JEFFERY HART | 60 ACRES± | SW TM-09-20 |
| C | I.L. MORRIS | 6,600.75 ACRES± | SW TM-10-02 |
| D | ROBERT BRANNON ET AL | 25.1 ACRES± | SW TM-13-18 |
| E | RONALD HART & JEFFERY HART | 46 ACRES± | SW TM-13-12 |
| F | RONALD HART & JEFFERY HART | 45 ACRES± | SW TM-09-21 |
| G | MARIA HRUSCOV | 57.5 ACRES± | SW TM-10-01 |
| H | WILLIAM ARMENTROUT ET AL | 44.35 ACRES± | SW TM-14-02 |
| I | MICHAEL & SUSAN ZORN | 52.5 ACRES± | SW TM-14-01 |
| J | MICHAEL & SUSAN ZORN | 47.5 ACRES± | SW TM-14-1.1 |
| K | WILLIAM ARMENTROUT ET AL | 16.8 ACRES± | SW TM-14-04 |
| L | EDWARD & GINA BASSETT | 41 ACRES± | SW TM-13-39 |
| M | MARIAN ZORN | 34.78 ACRES± | SW TM-13-40 |
| N | WILLIAM ARMENTROUT ET AL | 76 ACRES± | SW TM-13-41 |

REFERENCES



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 MARCH 24, 20 16
 REVISED APRIL 06, 20 16
 OPERATORS WELL NO. WV 514101
 API WELL NO. 47-017-06770H6
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7310P514101R
 SCALE SEE NOTE 2
 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

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

LOCATION:
 PAD ELEVATION 1,220' WATERSHED UPPER RUN OF MIDDLE FORK OF SOUTH FORK HUGHES RIVER
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
 SURFACE OWNER RONALD HART & JEFFERY HART ACREAGE 60±
 ROYALTY OWNER MONA R. CUMBERLEDGE ET AL ACREAGE 206±
 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 6,603'

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

06/17/2016

COUNTY NAME PERMIT

OXF160
WV 514101
EQT PRODUCTION COMPANY

LATITUDE 39°12'30"

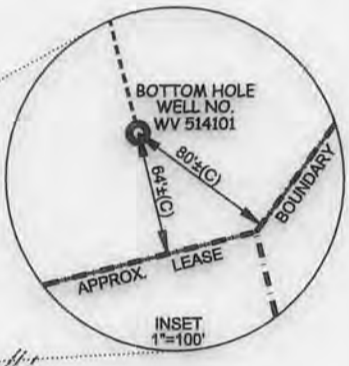
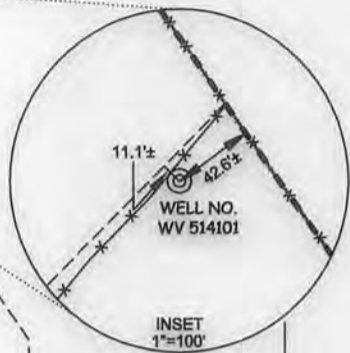
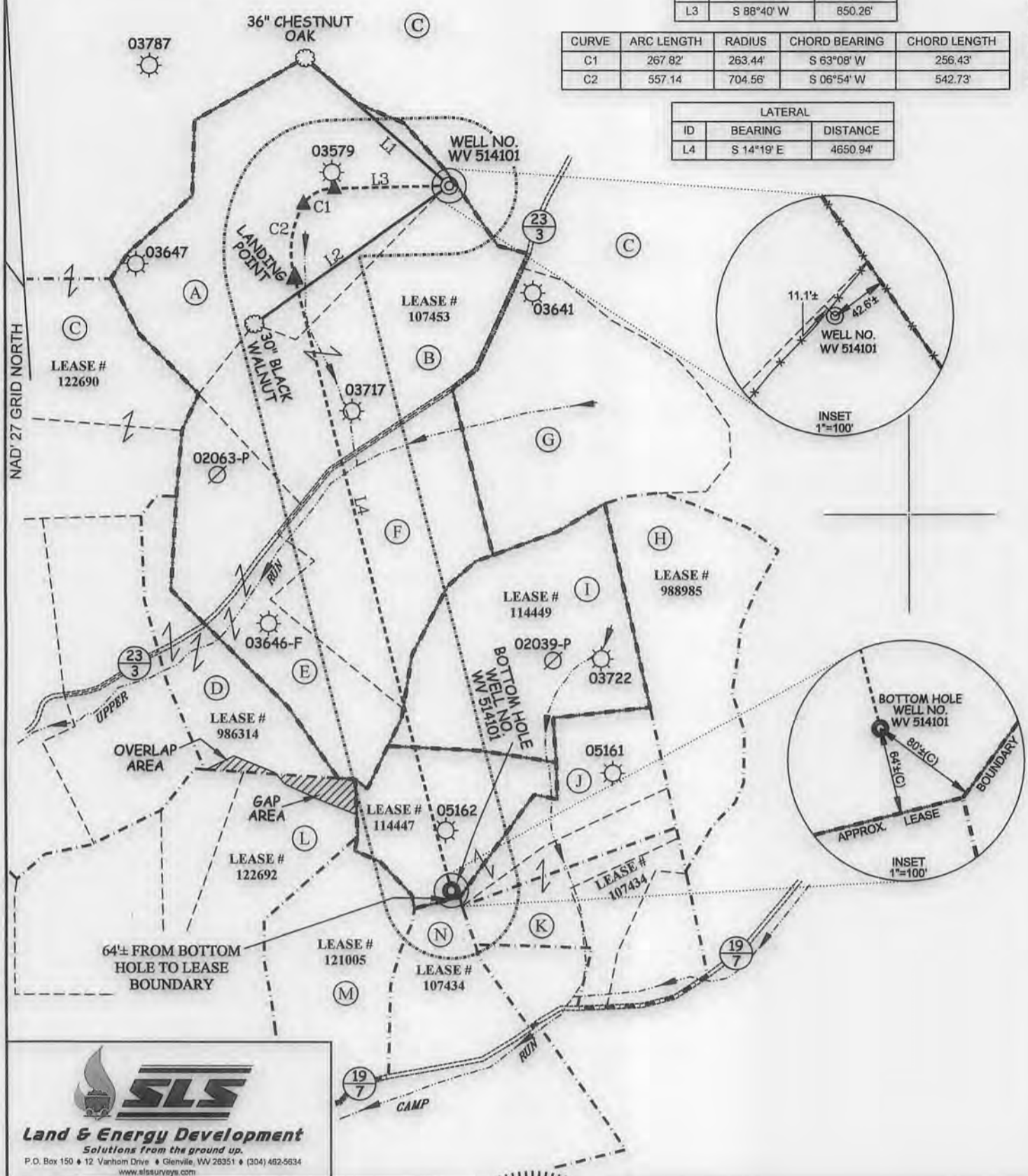
| WELL TIES | | |
|-----------|------------|----------|
| ID | BEARING | DISTANCE |
| L1 | N 48°32' W | 1423.46' |
| L2 | S 54°59' W | 1767.59' |

| BUILD OUT DATA | | |
|----------------|------------|----------|
| ID | BEARING | DISTANCE |
| L3 | S 88°40' W | 850.26' |

| CURVE | ARC LENGTH | RADIUS | CHORD BEARING | CHORD LENGTH |
|-------|------------|---------|---------------|--------------|
| C1 | 267.82' | 263.44' | S 63°08' W | 256.43' |
| C2 | 557.14' | 704.56' | S 06°54' W | 542.73' |

| LATERAL | | |
|---------|------------|----------|
| ID | BEARING | DISTANCE |
| L4 | S 14°19' E | 4650.94' |

LONGITUDE 80°47'30"



SLS
Land & Energy Development
 Solutions from the ground up.
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 482-5634
 www.slsurveys.com

| (S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH) | | | |
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| NAD'83 UTM (M) | N. 4,335,365.94 | E. 517,386.20 | |



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

| LEGEND | |
|------------------------------------|----------|
| LEASE LINE | --- |
| SURFACE LINE | ---- |
| WELL LATERAL | - - - - |
| OFFSET LINE | ---- |
| TIE LINE | ---- |
| CREEK | ~ ~ ~ ~ |
| ROAD | ==== |
| COUNTY ROUTE | ==== |
| PROPOSED WELL | ⊙ |
| EXISTING WELL | ⊙ |
| PERMITTED WELL | ⊙ |
| SOUTH WEST DISTRICT TAX MAP-PARCEL | SW-00-00 |

SCALE 1" = 1000'
 DATE MARCH 24, 20 16
 REVISED APRIL 06, 20 16
 OPERATORS WELL NO. WV 514101
 API WELL NO. 47
 STATE COUNTY PERMIT 017 06170HLA

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

06/17/2016

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**