

| LATERAL ROYALTY OWNERS | | |
|------------------------|----------------------------|-------------|
| 1 | MELVIN & RENEE HOWDERSHOLT | 158.94 AC.± |
| 2 | MELVIN & RENEE HOWDERSHOLT | 71.78 AC.± |
| 3 | TOMMY & DOTTIE FREEMAN | 92 AC.± |
| 4 | ELIZABETH BOLYARD ET AL | 20 AC.± |
| 5 | DAVID & MARY TINCHER | 20 AC.± |
| 6 | JOHN T. FITZWATER ET AL | 9.77 AC.± |
| 7 | IRA G. HOVATTER ET UX | 79 AC.± |
| 8 | ADAM ROHRIG JR. ET UX | 83 AC.± |
| 9 | JEAN KINES | 103 AC.± |
| 10 | ELIZABETH BOLYARD ET AL | 1.56 AC.± |
| 11 | DAVID & MARY TINCHER | 1.56 AC.± |

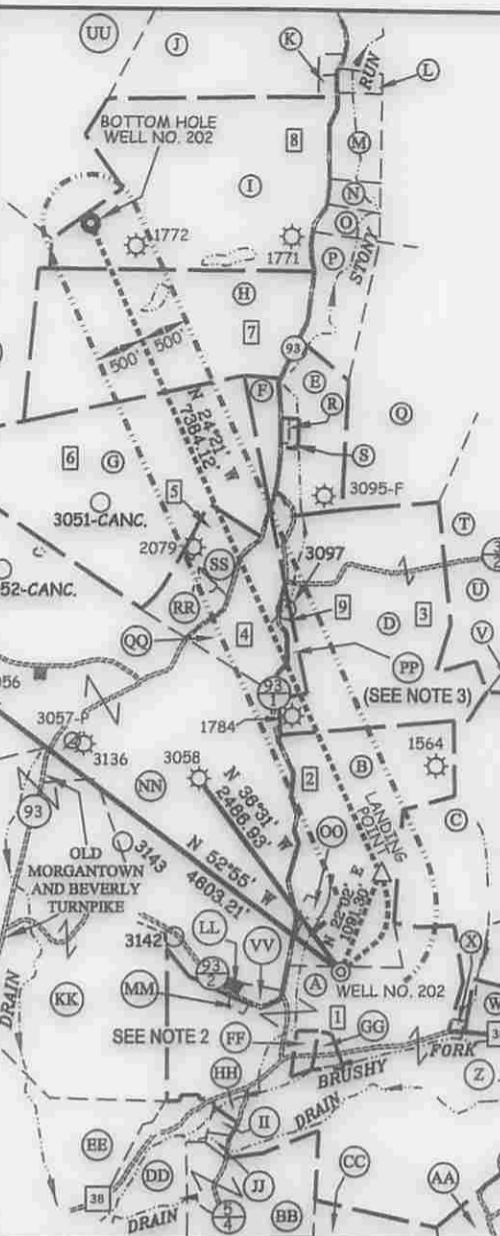
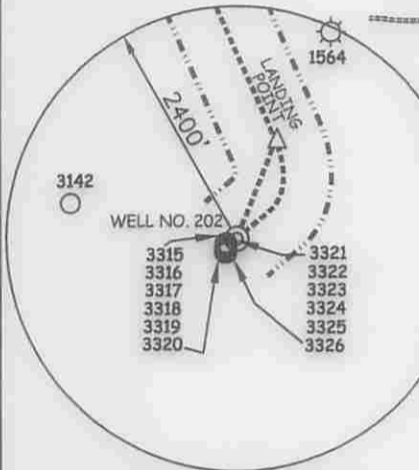
NOTES ON SURVEY

- NO WATER WELLS OR DEVELOPED SPRINGS 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. NO RAILROADS WERE FOUND WITHIN THE SCOPE OF THIS PLAT.
- TAX MAPS IN THIS AREA WERE FOUND TO CONTAIN SIGNIFICANT ERROR. PROPERTY LINES SHOWN HEREON WERE TAKEN FROM DEEDS AND FIELD EVIDENCE.
- DUE TO POOR DEED DESCRIPTION AND PARTIALLY INCORRECT TAX MAPS THE ACTUAL LOCATION OF 1.56 AC. TRACT IS NOT DEFINITE. THE CURRENT LAND OWNER IS UNCERTAIN OF ITS LOCATION. TAX MAP 14 SHOWS SAID LOT NORTH OF JOHN FITZWATER. SLS BELIEVES TRACT COULD BE LOCATED WHERE INDICATED BY CIRCLED PP.
- TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD' 27.

LEGEND

| | |
|----------------|-----------|
| LEASE LINE | --- |
| SURFACE LINE | ---- |
| WELL LATERAL | ----- |
| OFFSET LINE | - - - - - |
| WELL TIE | ===== |
| CREEK | ~~~~~ |
| ROAD | ===== |
| FENCE LINE | ----- |
| COUNTY ROUTE | ----- |
| STATE ROUTE | ----- |
| PROPOSED WELL | ☉ |
| EXISTING WELL | ⊙ |
| PERMITTED WELL | ⊙ |
| TAX MAP-PARCEL | 00-00 |

NORTH



LATITUDE 39°12'30"

LONGITUDE 79°52'30"

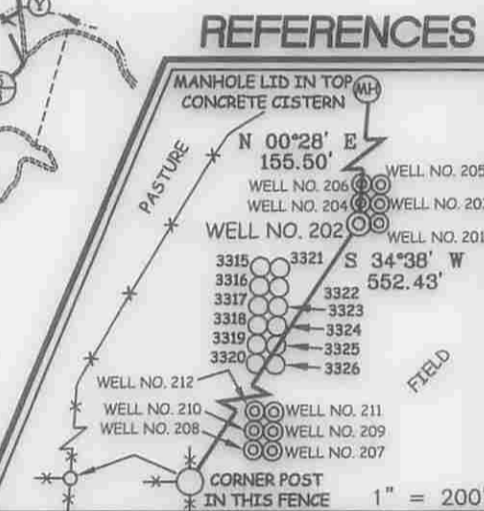
| SURFACE OWNERS | | |
|----------------|---------------------------------------|-----------------|
| A | MELVIN & RENEE HOWDERSHOLT | TM 19 PAR. 41 |
| B | MELVIN & RENEE HOWDERSHOLT | TM 19 PAR. 40 |
| C | GLEN MOORE ET UX | TM 18 PAR. 8 |
| D | TOMMY & DOTTIE FREEMAN | TM 19 PAR. 39.1 |
| E | ELIZABETH BOLYARD ET AL | TM 14 PAR. 53 |
| F | ROBERT & BERNICE FITZGER | TM 14 PAR. 37 |
| G | IRA G. HOVATTER ET UX | TM 14 PAR. 38 |
| H | A.C. BARBOUR, LLC C/O LINDA K. ROHRIG | TM 14 PAR. 38 |
| I | RUTH ANTONTELLI | TM 14 PAR. 39 |
| J | PATRICIA RICOTTILLI LRI, LLC | TM 14 PAR. 40 |
| K | TRUSTEES KASSON U.M. CHURCH | TM 14 PAR. 40.1 |
| L | TRUSTEES DANVILLE CHURCH | TM 14 PAR. 50 |
| M | LAWRENCE KNOTTS | TM 14 PAR. 51 |
| N | BILLIE POLING ET AL | TM 14 PAR. 51.1 |
| O | BILLIE POLING ET AL | TM 14 PAR. 51.2 |
| P | PAUL AND ERICA HALLER | TM 14 PAR. 52 |
| Q | PAUL AND ERICA HALLER | TM 15 PAR. 04 |
| R | DAVID L. TINCHER | TM 14 PAR. 53.1 |
| S | DAVID L. TINCHER | TM 14 PAR. 53.2 |
| T | DAVID AND MELISSA SHELTON | TM 15 PAR. 5 |
| U | TOMMY AND DOTTIE FREEMAN ET AL | TM 15 PAR. 4.1 |
| V | LEOTA O'NEAL ET AL | TM 18 PAR. 1 |
| W | THOMAS W. OWENS | TM 18 PAR. 10 |
| X | THOMAS W. OWENS | TM 18 PAR. 9 |
| Y | MARK AND ELOISE HOLLEN | TM 18 PAR. 30 |
| Z | ELBERT McLEAN ET UX | TM 18 PAR. 39 |
| AA | PAUL AND JOHN ADAMS | TM 18 PAR. 31 |
| BB | LORETHA M. ANNON LEGACY TRUST ET AL | TM 19 PAR. 51 |
| CC | JAMES B. ANCELL | TM 26 PAR. 1 |
| DD | RONALD AVUIL | TM 19 PAR. 50 |
| EE | BETTY L. KELLEY ET AL | TM 19 PAR. 47 |
| FF | ERIC V. HOWDERSHOLT | TM 19 PAR. 41.4 |
| GG | MELVIN AND RENEE HOWDERSHOLT | TM 19 PAR. 41.1 |
| HH | ELWOOD AND PENNY CANFIELD | TM 19 PAR. 41.5 |
| II | ELWOOD CANFIELD | TM 19 PAR. 41.2 |
| JJ | ERIC AND LISA EVIX | TM 19 PAR. 41.3 |
| KK | IRA G. AND CAROL HOVATTER | TM 19 PAR. 43 |
| LL | NEW HOPE VALLEY U.M. CHURCH | TM 19 PAR. 38.1 |
| MM | NEW HOPE VALLEY CHURCH | TM 19 PAR. 42 |
| NN | IRA G. AND CAROL HOVATTER | TM 19 PAR. 38 |
| OO | MELVIN AND RENEE HOWDERSHOLT | TM 19 PAR. 40.1 |
| PP | ELIZABETH BOLYARD ET AL | TM 14 PAR. 36.4 |
| QQ | ELIZABETH BOLYARD ET AL | TM 14 PAR. 36.1 |
| RR | JOHN T. FITZWATER | TM 14 PAR. 36.2 |
| SS | JOHN T. FITZWATER | TM 14 PAR. 36.3 |
| TT | EDSIL NESTOR ET AL | TM 14 PAR. 36.5 |
| UU | EDSIL NESTOR ET AL | TM 14 PAR. 32 |
| VV | CHURCH LOT | |

HOWDERSHOLT LEASE
WELL NO. 202
 (NAD'83 UTM (METERS) ZONE 17 NORTH)

TOP HOLE
 N. 4,339,301 E. 597,155

LANDING POINT
 N. 4,339,611 E. 597,275

BOTTOM HOLE
 N. 4,341,645 E. 596,313



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

SLS
 SURVEYORS
 ENGINEERS
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 PROJECT MGMT.

(304) 462-6634 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 JULY 14 20 14

REVISED _____ 20 _____

OPERATORS WELL NO. 202

API WELL NO. 47 001 MOD 033/6

STATE _____ COUNTY _____ PERMIT _____

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7962P202R6

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: ELEVATION 1,578(GROUND) 1,557(PROPOSED) WATERSHED BRUSHY FORK OF TETER CREEK

DISTRICT COVE COUNTY BARBOUR QUADRANGLE NESTORVILLE 7.5'

SURFACE OWNER MELVIN & RENEE HOWDERSHOLT ACREAGE 158.94±

ROYALTY OWNER MELVIN & RENEE HOWDERSHOLT ACREAGE 158.94±

PROPOSED WORK: LEASE NO. 00000672

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 7,845' / TMD 15,838'

WELL OPERATOR MOUNTAINEER KEYSTONE LLC DESIGNATED AGENT NATHAN SKEEN

ADDRESS 1111 VAN VOORHIS ROAD, SUITE G ADDRESS 1111 VAN VOORHIS ROAD, SUITE G

MORGANTOWN, WV 26505 MORGANTOWN, WV 26505 **12/12/14**

COUNTY NAME PERMIT