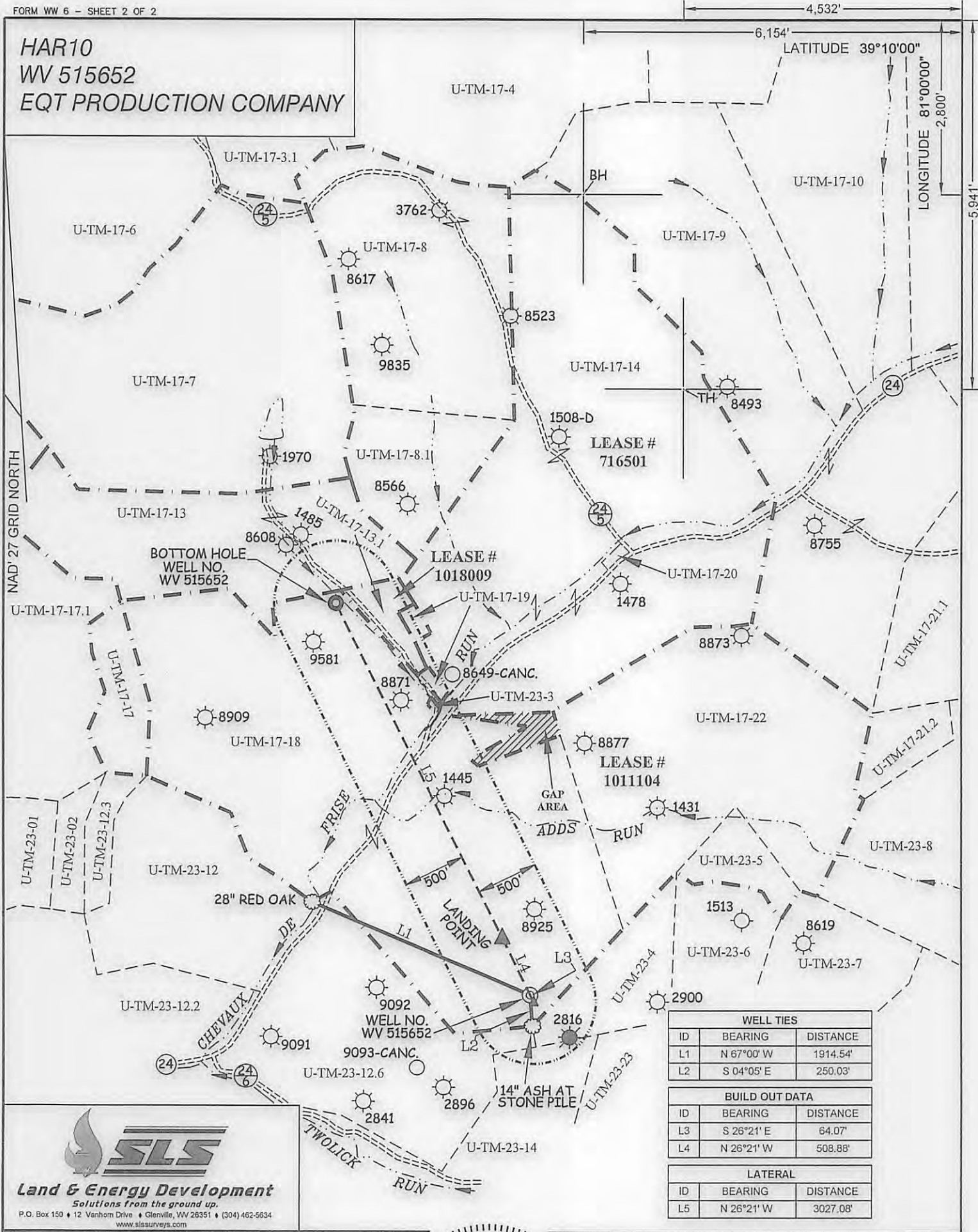


**HAR10**  
**WV 515652**  
**EQT PRODUCTION COMPANY**



| WELL TIES |            |          |
|-----------|------------|----------|
| ID        | BEARING    | DISTANCE |
| L1        | N 67°00' W | 1914.54' |
| L2        | S 04°05' E | 250.03'  |

| BUILD OUT DATA |            |          |
|----------------|------------|----------|
| ID             | BEARING    | DISTANCE |
| L3             | S 26°21' E | 64.07'   |
| L4             | N 26°21' W | 508.88'  |

| LATERAL |            |          |
|---------|------------|----------|
| ID      | BEARING    | DISTANCE |
| L5      | N 26°21' W | 3027.08' |

**SLS**  
**Land & Energy Development**  
*Solutions from the ground up.*  
 P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26351 • (304) 462-5634  
 www.slsurveys.com

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

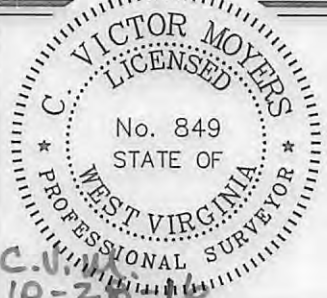
|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'27 S.P.C.(FT) | N. 240,500.58     | E. 1,570,081.30    |
| NAD'27 GEO.       | LAT-(N) 39.150356 | LONG-(W) 81.015981 |
| NAD'83 UTM (M)    | N. 4,333,471.17   | E. 498,633.61      |

LANDING POINT

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'27 S.P.C.(FT) | N. 240,956.60     | E. 1,569,855.44    |
| NAD'27 GEO.       | LAT-(N) 39.151597 | LONG-(W) 81.016805 |
| NAD'83 UTM (M)    | N. 4,333,608.94   | E. 498,562.48      |

BOTTOM HOLE

|                   |                   |                    |
|-------------------|-------------------|--------------------|
| NAD'27 S.P.C.(FT) | N. 243,669.20     | E. 1,568,511.94    |
| NAD'27 GEO.       | LAT-(N) 39.158992 | LONG-(W) 81.021703 |
| NAD'83 UTM (M)    | N. 4,334,428.47   | E. 498,139.39      |



(+) 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                | ⊙          |
| UNION DISTRICT TAX MAP-PARCEL | U-TM-00-00 |

SCALE 1" = 1000' FILE NO. 8511P515652

DATE OCTOBER 28, 20 16

REVISED \_\_\_\_\_, 20 \_\_\_\_\_

OPERATORS WELL NO. WV 515652

API WELL NO. 47 — 085 — 10303

NO. STATE COUNTY PERMIT

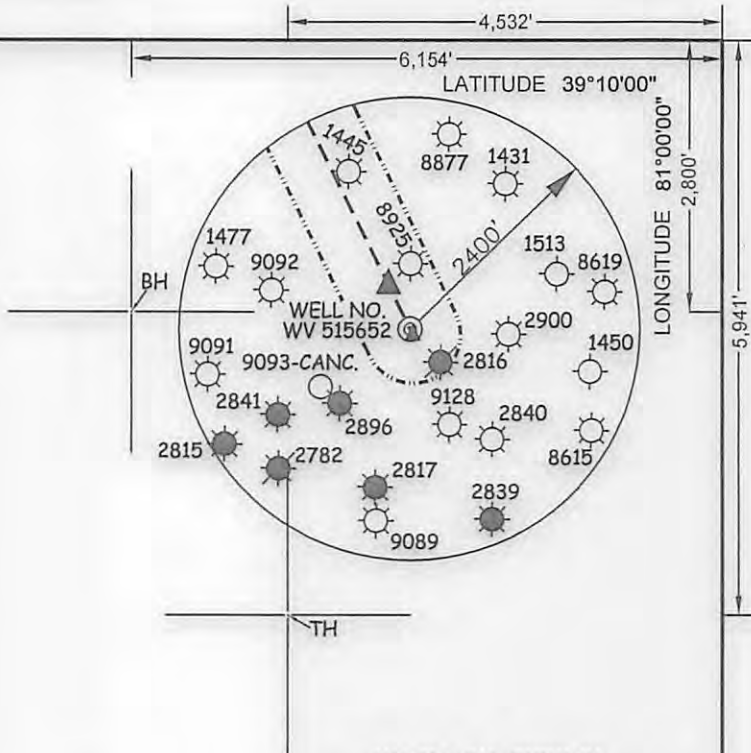
STATE OF WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS

|   |   |
|---|---|
| <b>WELL OPERATOR</b> EQT PRODUCTION COMPANY                             | <b>DESIGNATED AGENT</b> REX C. RAY                                      |
| <b>ADDRESS</b> 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 | <b>ADDRESS</b> 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 |

COUNTY NAME  
 PERMIT

03/10/2017

**HAR10**  
**WV 515652**  
**EQT PRODUCTION COMPANY**



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

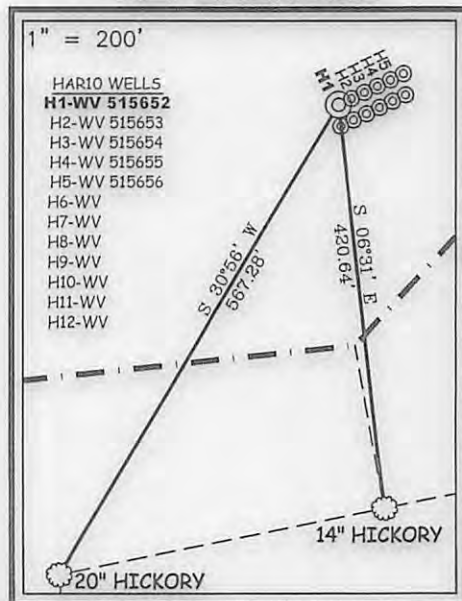
|                      |                   |                    |
|----------------------|-------------------|--------------------|
| NAD27 S.P.C.(FT)     | N. 240,500.58     | E. 1,570,081.30    |
| NAD27 GEO.           | LAT-(N) 39.150356 | LONG-(W) 81.015981 |
| NAD83 UTM (M)        | N. 4,333,471.17   | E. 498,633.61      |
| <b>LANDING POINT</b> |                   |                    |
| NAD27 S.P.C.(FT)     | N. 240,956.60     | E. 1,569,855.44    |
| NAD27 GEO.           | LAT-(N) 39.151597 | LONG-(W) 81.016805 |
| NAD83 UTM (M)        | N. 4,333,608.94   | E. 498,562.48      |
| <b>BOTTOM HOLE</b>   |                   |                    |
| NAD27 S.P.C.(FT)     | N. 243,669.20     | E. 1,568,511.94    |
| NAD27 GEO.           | LAT-(N) 39.158982 | LONG-(W) 81.021703 |
| NAD83 UTM (M)        | N. 4,334,428.47   | E. 498,139.39      |

|              |   |                        |
|--------------|---|------------------------|
| U-TM-17-3.1  | CAROL & DAVID REYNOLDS (LIFE) ET AL       | 48.9 ACRES±            |
| U-TM-17-4    | TOMMIE & ANDREA MITCHELL                  | 195.808 ACRES±         |
| U-TM-17-6    | JEREMY & RUBY EASTON                      | 70.87 ACRES±           |
| U-TM-17-7    | DALEN SCHLABACH                           | 120 ACRES±             |
| U-TM-17-8    | STAATS FAMILY TRUST                       | 67.25 ACRES±           |
| U-TM-17-8.1  | STAATS FAMILY TRUST                       | 26.75 ACRES±           |
| U-TM-17-9    | CLARA STEVENS ET AL                       | 147 ACRES±             |
| U-TM-17-10   | DALE IAMS                                 | 70.08 ACRES±           |
| U-TM-17-13   | DALEN SCHLABACH                           | 55 ACRES±              |
| U-TM-17-13.1 | RIDGETOP CAPITAL V LP                     | 6.3 ACRES±             |
| U-TM-17-14   | JAMES & MARY JONES (LIFE) ET AL           | 159.56 ACRES±          |
| U-TM-17-17   | NATHANAEL MASON ET AL                     | 11.5 ACRES±            |
| U-TM-17-17.1 | FLOYD & JEAN CRONIN TRUST                 | 78.59 ACRES±           |
| U-TM-17-18   | NATHANAEL MASON ET AL                     | 187 ACRES±             |
| U-TM-17-19   | CHEVAUX DE FRISE CHURCH & CEMETERY BY TRS | LOT (1.7 ACRES± CALC.) |
| U-TM-17-20   | ROGER GEORGE                              | 0.44 ACRES±            |
| U-TM-17-21.1 | SUSAN BROWNE ET AL                        | 32.40 ACRES±           |
| U-TM-17-21.2 | SUSAN BROWNE ET AL                        | 8.55 ACRES±            |
| U-TM-17-22   | NATHANAEL MASON ET AL                     | 96 ACRES±              |
| U-TM-23-1    | CHARLES & ROSA WASS                       | 55.90 ACRES±           |
| U-TM-23-2    | WINSTON LOVE FAMILY TRUST ET AL           | 5.27 ACRES±            |
| U-TM-23-3    | NATHANAEL MASON ET AL                     | 1/8 ACRE±              |
| U-TM-23-4    | C.W. RADCLIFF                             | 15 ACRES±              |
| U-TM-23-5    | NATHANAEL MASON ET AL                     | 10.5 ACRES±            |
| U-TM-23-6    | C.W. RADCLIFF                             | 20 ACRES±              |
| U-TM-23-7    | C.W. RADCLIFF                             | 25.25 ACRES±           |
| U-TM-23-8    | STEVEN REED ET AL                         | 41.45 ACRES±           |
| U-TM-23-12   | GUY BAKER                                 | 48.5 ACRES±            |
| U-TM-23-12.2 | GUY BAKER                                 | 33.5 ACRES±            |
| U-TM-23-12.3 | GUY BAKER                                 | 9.75 ACRES±            |
| U-TM-23-12.6 | GUY BAKER                                 | 65.25 ACRES±           |
| U-TM-23-14   | CAROLYN VINCENT                           | 35 ACRES±              |
| U-TM-23-23   | BRUCE & AUDREY DRESSLER                   | 14.85 ACRES±           |

**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'

**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. C. Victor Moyers  
 849

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE OCTOBER 28, 20 16  
 REVISED \_\_\_\_\_, 20 \_\_\_\_  
 OPERATORS WELL NO. WV 515652  
 API WELL NO. 47-085-10303 HGA  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8511P515652.dwg  
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE SEE NOTE 2

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: (GROUND) (PROPOSED)  
 ELEVATION 1,161' 1,141.1' WATERSHED ADDS RUN AND TWOLICK RUN OF CHEVAUX DE FRISE RUN  
 DISTRICT UNION COUNTY RITCHIE QUADRANGLE HARRISVILLE 7.5'

SURFACE OWNER NATHANAEL L. MASON ET AL ACREAGE 187±  
 ROYALTY OWNER NATHANAEL L. MASON ET AL ACREAGE 310±

PROPOSED WORK: LEASE NO. 1011104

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 6,313'

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

03/10/2017

COUNTY NAME PERMIT