

TOP HOLE ← 3,730'

OXF387
WV 516714
EQT PRODUCTION COMPANY

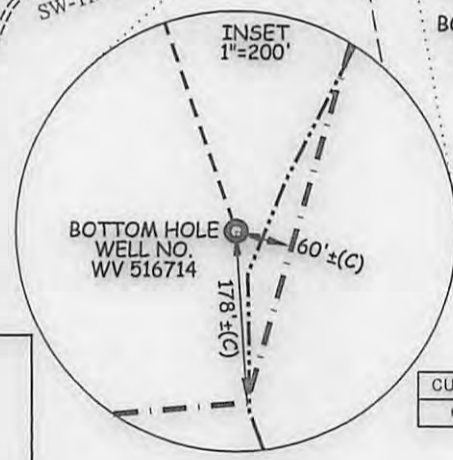
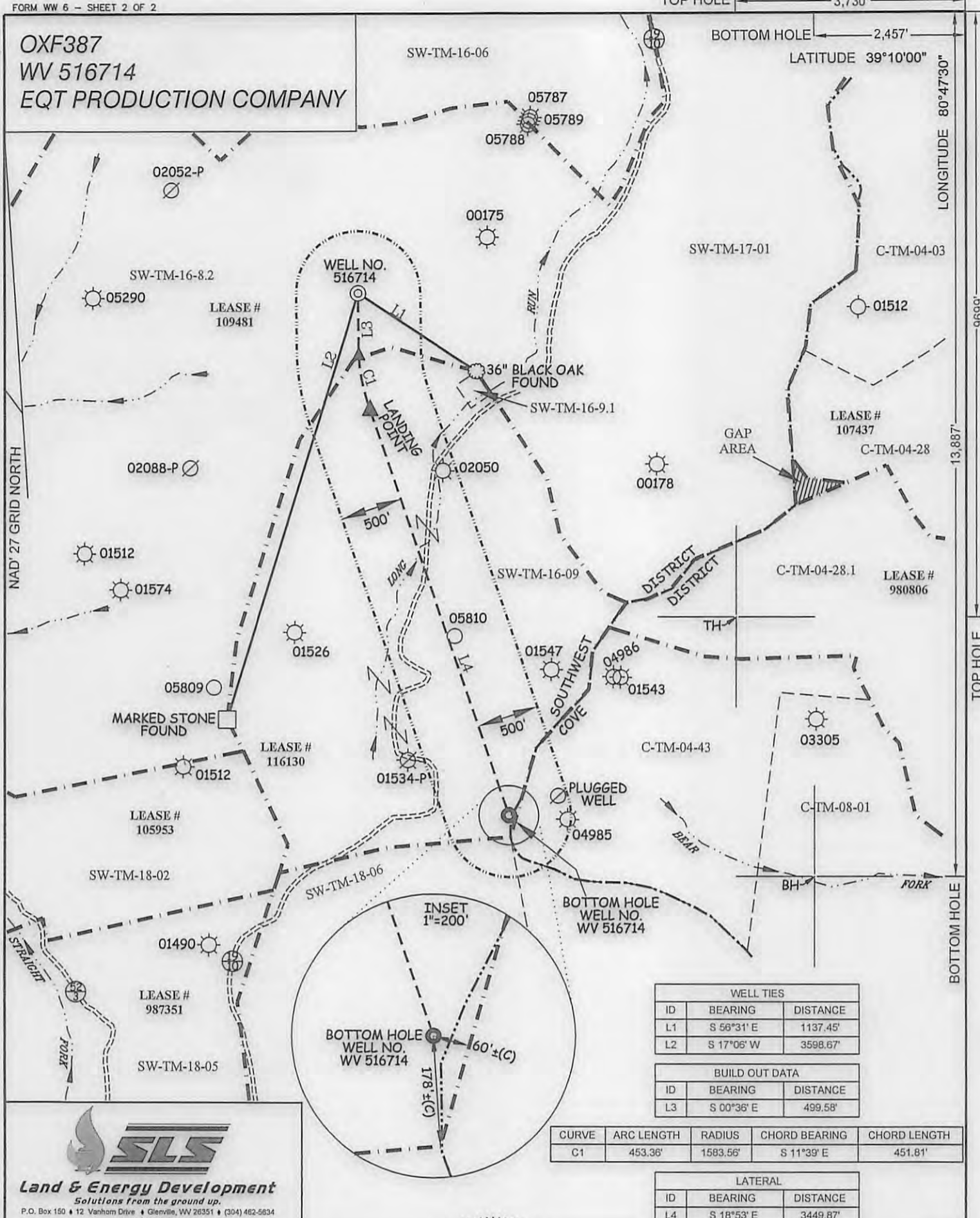
BOTTOM HOLE ← 2,457'
 LATITUDE 39°10'00"
 LONGITUDE 80°47'30"

NAD'27 GRID NORTH

6696'

TOP HOLE

BOTTOM HOLE



| WELL TIES | | |
|-----------|------------|----------|
| ID | BEARING | DISTANCE |
| L1 | S 56°31' E | 1137.45' |
| L2 | S 17°06' W | 3598.67' |

| BUILD OUT DATA | | |
|----------------|------------|----------|
| ID | BEARING | DISTANCE |
| L3 | S 00°36' E | 499.58' |

| CURVE | ARC LENGTH | RADIUS | CHORD BEARING | CHORD LENGTH |
|-------|------------|----------|---------------|--------------|
| C1 | 453.36' | 1583.56' | S 11°39' E | 451.81' |

| LATERAL | | |
|---------|------------|----------|
| ID | BEARING | DISTANCE |
| L4 | S 18°53' E | 3449.87' |

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

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD'27 S.P.C.(FT) N. 235,803.34 E. 1,629,905.99
 NAD'27 GEO. LAT-(N) 39.140039 LONG-(W) 80.804819
 NAD'83 UTM (M) N. 4,332,344.82 E. 516,882.73

LANDING POINT
 NAD'27 S.P.C.(FT) N. 234,861.28 E. 1,630,002.47
 NAD'27 GEO. LAT-(N) 39.137457 LONG-(W) 80.804430
 NAD'83 UTM (M) N. 4,332,058.32 E. 516,916.91

BOTTOM HOLE
 NAD'27 S.P.C.(FT) N. 231,597.09 E. 1,631,119.00
 NAD'27 GEO. LAT-(N) 39.128540 LONG-(W) 80.800328
 NAD'83 UTM (M) N. 4,331,069.58 E. 517,273.65



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

SCALE 1" = 1000' FILE NO. 8537P516714
 DATE AUGUST 26, 20 16
 REVISED _____, 20 ____
 OPERATORS WELL NO. WV 516714
 API WELL NO. 47-017-06787 HGA
 NO. STATE COUNTY PERMIT

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

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- SOUTHWEST DISTRICT TAX MAP-PARCEL SW-TM-00-00
- COVE DISTRICT TAX MAP-PARCEL C-TM-00-00

02/16/2016

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

COUNTY NAME
 PERMIT

OXF387
WV 516714
EQT PRODUCTION COMPANY

TOP HOLE ← 3,730'

BOTTOM HOLE ← 2,457'

LATITUDE 39°10'00"

LONGITUDE 80°47'30"

6696

13,887'

TOP HOLE

BOTTOM HOLE

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

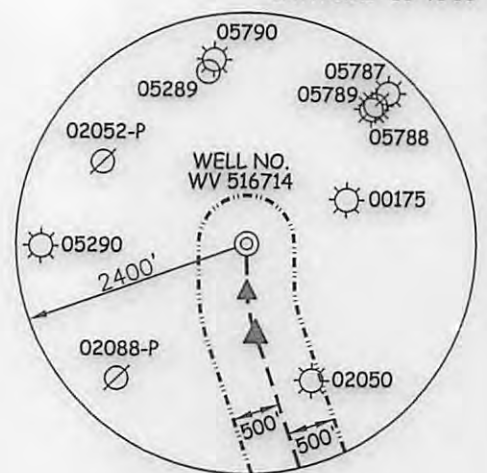
| | | |
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NOTES ON SURVEY

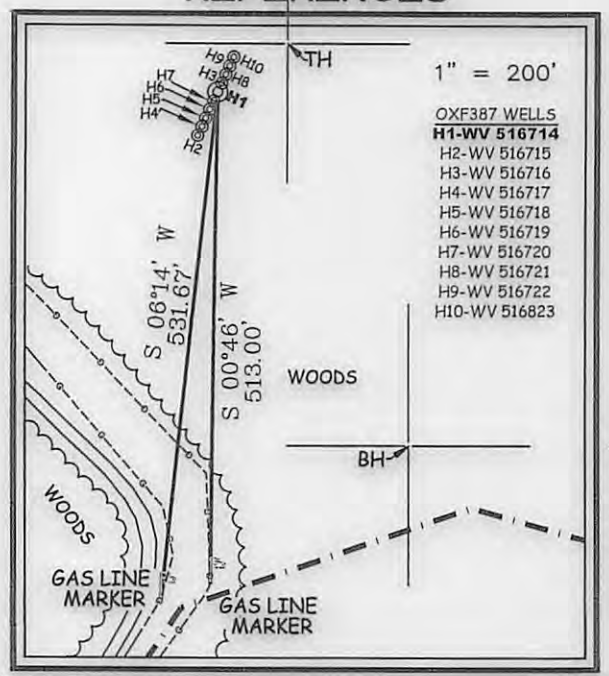
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.

ROYALTY OWNERS

| | | |
|------------------------|---------|------------------|
| MANSFIELD LEESON ET AL | 190 AC± | LEASE NO. 116130 |
|------------------------|---------|------------------|

| | | |
|--------------|--------------------------------------------------------------------|---------------|
| C-TM-04-03 | MANSFIELD LEESON | 123.52 ACRES± |
| C-TM-04-28 | RANDY HUFF DECEDENTS TRUST B ET AL | 63 ACRES± |
| C-TM-04-28.1 | JERRY HOSAFLOOK ET AL | 119.05 ACRES± |
| C-TM-04-43 | JERRY HOSAFLOOK ET AL | 85.31 ACRES± |
| C-TM-08-01 | JERRY HOSAFLOOK ET AL | 118 ACRES± |
| SW-TM-16-06 | BETTY RYAN | 217 ACRES± |
| SW-TM-16-8.2 | COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY | 416.61 ACRES± |
| SW-TM-16-09 | MANSFIELD LEESON | 189 ACRES± |
| SW-TM-16-9.1 | MANSFIELD LEESON ET AL | 1 ACRE± |
| SW-TM-17-01 | RANDY HUFF DECEDENTS TRUST B ET AL | 473.4 ACRES± |
| SW-TM-18-02 | MARVIN EDWARDS JR. | 94.5 ACRES± |
| SW-TM-18-05 | PAUL M. MCKENZIE (LIFE) ET AL | 228.75 ACRES± |
| SW-TM-18-06 | CHARLES ADAMS | 109.5 ACRES± |

REFERENCES



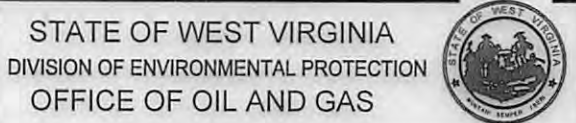
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.



P.S. C. Victor Moyers
 849

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE AUGUST 26, 20 16
 REVISED _____, 20 _____
 OPERATORS WELL NO. WV 516714
 API WELL NO. 47-017-06787 **H6A**
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8537P516714.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE SEE NOTE 2



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

LOCATION: (GROUND) (PROPOSED)
 ELEVATION 1,229' 1,187' WATERSHED LONG RUN OF MIDDLE FORK OF SOUTH FORK HUGHES RIVER
 DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'

SURFACE OWNER COASTAL FOREST RESOURCES COMPANY d/b/a COASTAL TIMBERLANDS COMPANY ACREAGE 416.61±
 ROYALTY OWNER ADELE McDOUGAL ET AL ACREAGE 2000±

PROPOSED WORK: LEASE NO. 109481

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 6,629'

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

12/16/2016