

# EQT PRODUCTION COMPANY GASTON LEASE- 200 AC. ± WELL NO. 512493

**LANDING POINT**  
WELL NO. WV 512493  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)

N. 248,583.3  
E. 1,627,893.5  
LAT=(N) 39.175044  
LONG=(W) 80.812571

UTM (NAD'83)  
N. 4,336,227.9  
E. 516,204.7

**BOTTOM HOLE**  
WELL NO. WV 512493  
STATE PLANE COORDINATES  
NORTH ZONE (NAD'27)

N. 246,226.9  
E. 1,628,992.3  
LAT=(N) 39.168619  
LONG=(W) 80.808575

UTM (NAD'83)  
N. 4,335,515.6  
E. 516,551.4

LEASE #121005  
MARIAN G. ZORN  
34.78 ACRES±

LEASE #114449  
MICHAEL D. & SUSAN H. ZORN  
52.5 ACRES±

LEASE #116109  
DONALD E. GASTON ET AL  
18.5 ACRES±

LEASE #122692  
MICHAEL D. & SUSAN H. ZORN  
47 ACRES±

LEASE #122689  
I.L. MORRIS  
36.1 ACRES±

LEASE #107453  
R.L. HART ET AL  
45 ACRES±

LEASE #986314  
ROBERT BRANNON ET AL  
37.16 AC.±

LEASE #122690  
I.L. MORRIS  
39.90 ACRES±

LEASE #114449  
MICHAEL D. & SUSAN H. ZORN  
52.5 ACRES±

LEASE #122692  
MICHAEL D. & SUSAN H. ZORN  
47 ACRES±

LEASE #121005  
MARIAN G. ZORN  
34.78 ACRES±

LEASE #116109  
DONALD E. GASTON ET AL  
18.5 ACRES±

LEASE #122690  
I.L. MORRIS  
39.90 ACRES±

LEASE #107453  
R.L. HART ET AL  
45 ACRES±

LEASE #986314  
ROBERT BRANNON ET AL  
37.16 AC.±

LEASE #122689  
I.L. MORRIS  
36.1 ACRES±

LEASE #122690  
I.L. MORRIS  
39.90 ACRES±

LEASE #107453  
R.L. HART ET AL  
45 ACRES±

LEASE #986314  
ROBERT BRANNON ET AL  
37.16 AC.±

LEASE #122689  
I.L. MORRIS  
36.1 ACRES±

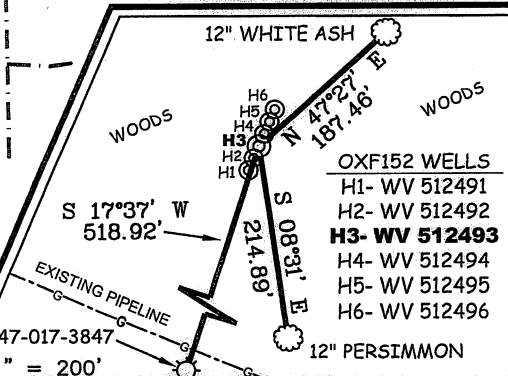
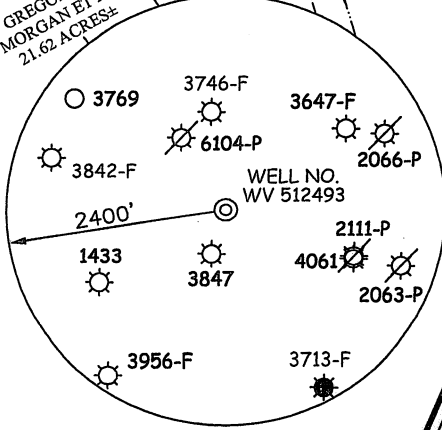
LEASE #122690  
I.L. MORRIS  
39.90 ACRES±

LEASE #107453  
R.L. HART ET AL  
45 ACRES±

LEASE #986314  
ROBERT BRANNON ET AL  
37.16 AC.±

### NOTES ON SURVEY

1. TIES TO WELLS, CORNERS & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD'27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED BOOK 230 PAGE 323 & DEED BOOK 268 PAGE 655.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2010.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).

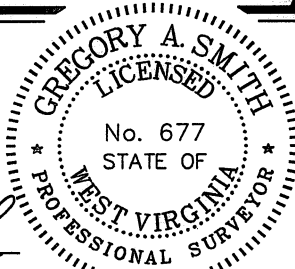


### REFERENCES

- OXF152 WELLS  
H1- WV 512491  
H2- WV 512492  
**H3- WV 512493**  
H4- WV 512494  
H5- WV 512495  
H6- WV 512496

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. 677  
*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE JULY 06, 20 11  
OPERATORS WELL NO. WV 512493  
API WELL NO. 47-017-06034H  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7310P512493 (288-57)  
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) TIE TO CORS NETWORK SCALE 1" = 1000'

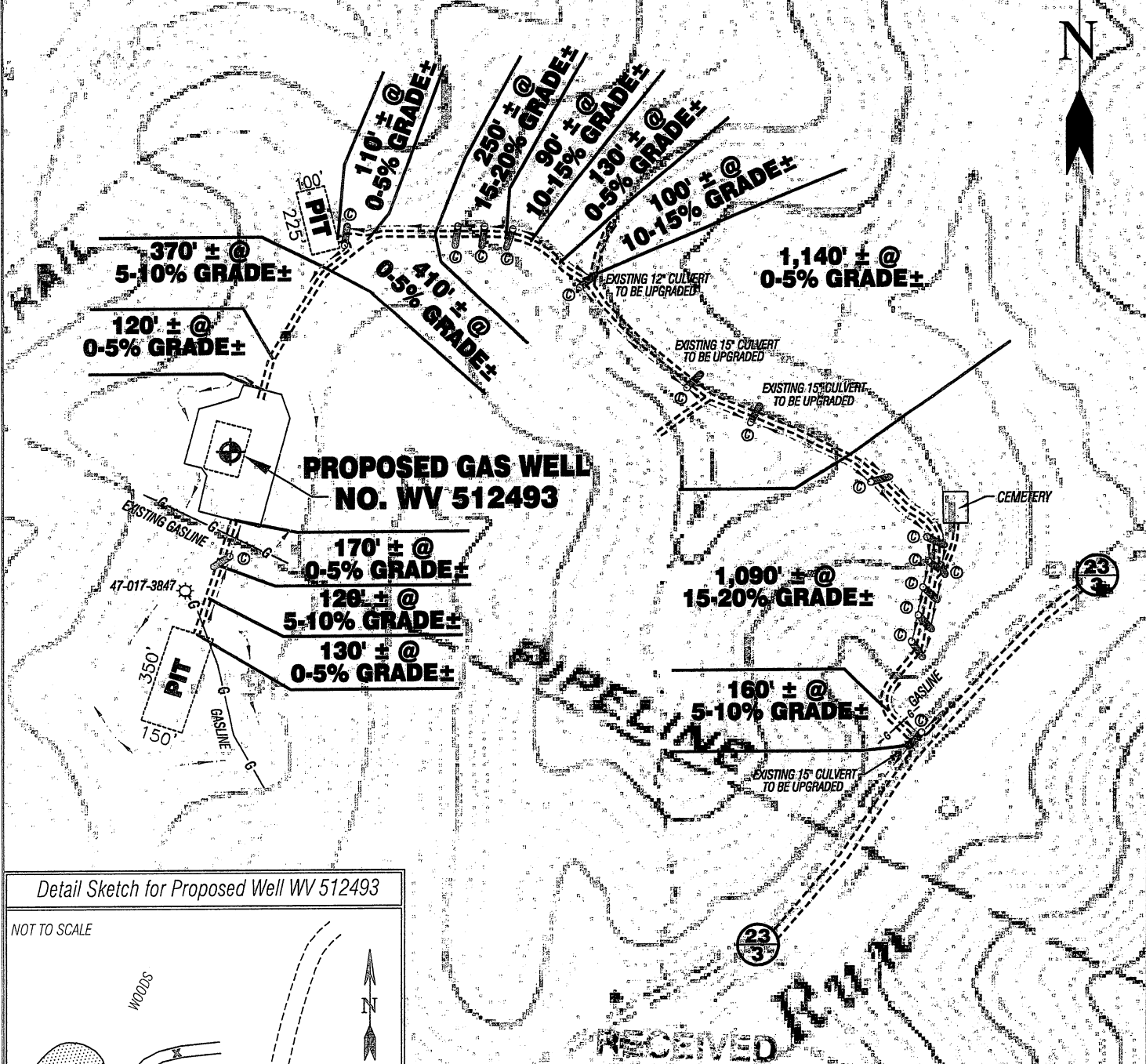
STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

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

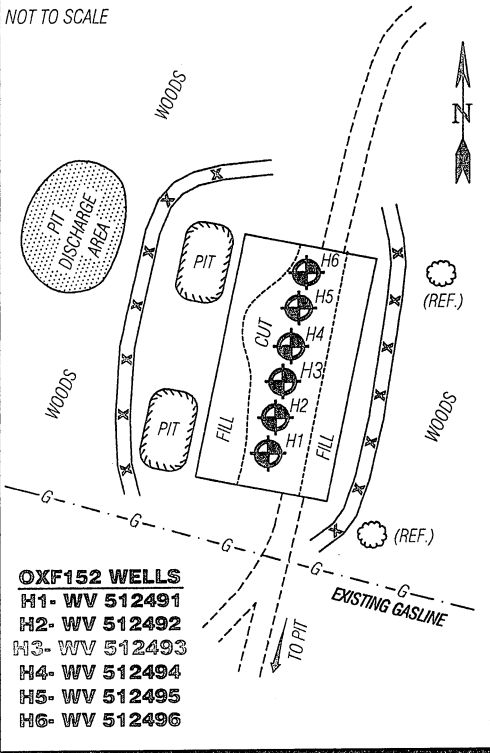
LOCATION: ELEVATION 1,168' (GROUND) / 1,155' (PROPOSED) WATERSHED CHAPMAN RUN OF UPPER RUN  
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'  
SURFACE OWNER I.L. MORRIS ACREAGE 39.90± OF 6,603±  
ROYALTY OWNER ELI GASTON HEIRS LEASE ACREAGE 200±  
PROPOSED WORK: LEASE NO. 122690  
DRILL  CONVERT  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 UPPER MARCELLUS  
ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
ADDRESS 1710 PENNSYLVANNIA AVENUE ADDRESS 1710 PENNSYLVANNIA AVENUE  
CHARLESTON, WV 25302 CHARLESTON, WV 25302

# EQT PRODUCTION COMPANY GASTON LEASE - 200 AC.± WELL NO. WV 512493



Detail Sketch for Proposed Well WV 512493



**SL**  
**SMITH LAND SURVEYING, INC.**  
P.O. BOX 150 GLENVILLE, WV. 26351  
PH: (304)462-5634 FAX: (304)462-5656 E-MAIL: sls@slsurveys.com

|                    |                  |                  |                                 |
|--------------------|------------------|------------------|---------------------------------|
| DRAWN BY<br>C.J.P. | FILE NO.<br>7310 | DATE<br>07/06/11 | CADD FILE:<br>7310REC512493.DWG |
|--------------------|------------------|------------------|---------------------------------|

RECEIVED  
Office of Oil & Gas  
JUL 21 2011  
WV Department of Environmental Protection



TOPO SECTION OF OXFORD  
USGS 7.5' QUADRANGLE

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

— = EXISTING CULVERT    ⊙ = PROPOSED CULVERT 15" MIN. UNLESS OTHERWISE NOTED

⊗ = PROPOSED STREAM CROSSING (IF APPLIES)  
\*SEE TABLE FOR CULVERT DETAIL