

(A)	NICEWONDER CONTRACTING INC.	7.61 AC.
(B)	PHILLIP MITCHELL	35.36 AC.
(C)	RODMAN ELLISON THOMPSON	SURFACE 817.31 AC.

**NOTES ON SURVEY**

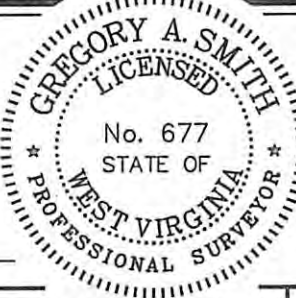
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01/10/08.
3. LEASE BOUNDARY, ADVERSE MINERAL TRACT AND INTERIOR SURFACE BOUNDARIES TAKEN FROM POCAHONTAS LAND CORP. PROPERTY MAP MINGO-LOGAN SHEETS 4 & 5 & DEED BOOK 138 PAGE 409.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2007.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 01/15/08 REVISED 03/16/10 & REVISED AGAIN 04/12/10 TO ROTATE AND EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, ETC. REVISED 05/04/10 TO ADD UTM COORDINATES.



POCAHONTAS LAND CORPORATION  
ADVERSE MINERAL TRACT  
32.74 ACRES±  
(SEE NOTE 3)  
**WELL NO. WV 506360**  
**STATE PLANE COORDINATES**  
**SOUTH ZONE (NAD 27)**  
N. 229,013  
E. 1,694,121  
LAT=(N) 37.62415  
LONG=(W) 82.05613  
UTM (NAD 83)  
N. 4,164,651  
E. 406,815

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 MAY 04, 20 10  
OPERATORS WELL NO. WV 506360  
API WELL NO. 47-059-021534  
STATE WV COUNTY MINGO PERMIT CANCELLED

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P506360M2R3 (253-14)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) 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 1,208' WATERSHED MATE CREEK  
DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'

SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 662.8±  
ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORATION (38,753.36± AC.) / COTIGA DEVELOPMENT COMPANY (TRACT #85)

PROPOSED WORK: LEASE NO. 717459 / 080687  
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 DEVONIAN SHALE  
ESTIMATED DEPTH 5,220' (TOTAL VERTICAL DEPTH)

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