

LATITUDE 38°12'30"

LONGITUDE 81°45'00"

13,600

Johnie
8/24/2006

SILER COAL & LAND COMPANY LEASE

9629 ACRES ±

WELL NO WV 508465

PENN VIRGINIA OPERATING COMPANY, LLC
9629 AC ± (SURFACE)

WELL NO. WV 508465
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 427,121
E. -1,783,771

LAT=(N) 38.170593
LONG=(W) 81.752161

47-005-0619

47-005-0687

47-005-0689

47-005-0677

47-005-2010

47-005-1867

47-005-0670

47-005-1761

47-005-0688

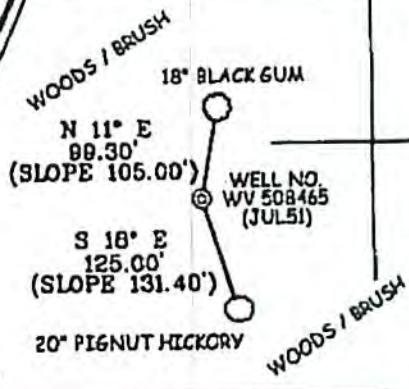
PRE-1929



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 7/10/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 30 AT PAGE 431.
4. SURFACE OWNER AND ADJONER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF BOONE COUNTY IN JULY, 2005.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



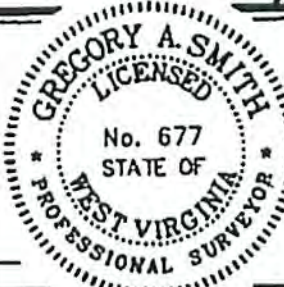
(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 01 20 06

OPERATORS WELL NO. WV 508465

API WELL NO. 47-005-02113
STATE COUNTY PERMIT

CANCELLED



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. *Gregory A. Smith*
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MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 3878P508465 (216-13)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1"=200'

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 1,355' WATERSHED OPPOSSUM GAP FORK OF JIMMY FORK OF FORK CREEK
 DISTRICT PEYTONA COUNTY BOONE QUADRANGLE JULIAN 7.5'

SURFACE OWNER PENN VIRGINIA OPERATING COMPANY LLC ACREAGE 9,629±
 ROYALTY OWNER EQUITABLE PRODUCTION COMPANY LEASE ACREAGE 9,629±
 PROPOSED WORK: LEASE NO. 600814
 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 4,850'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT STEPHEN G. PERDUE
 ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME PERMIT