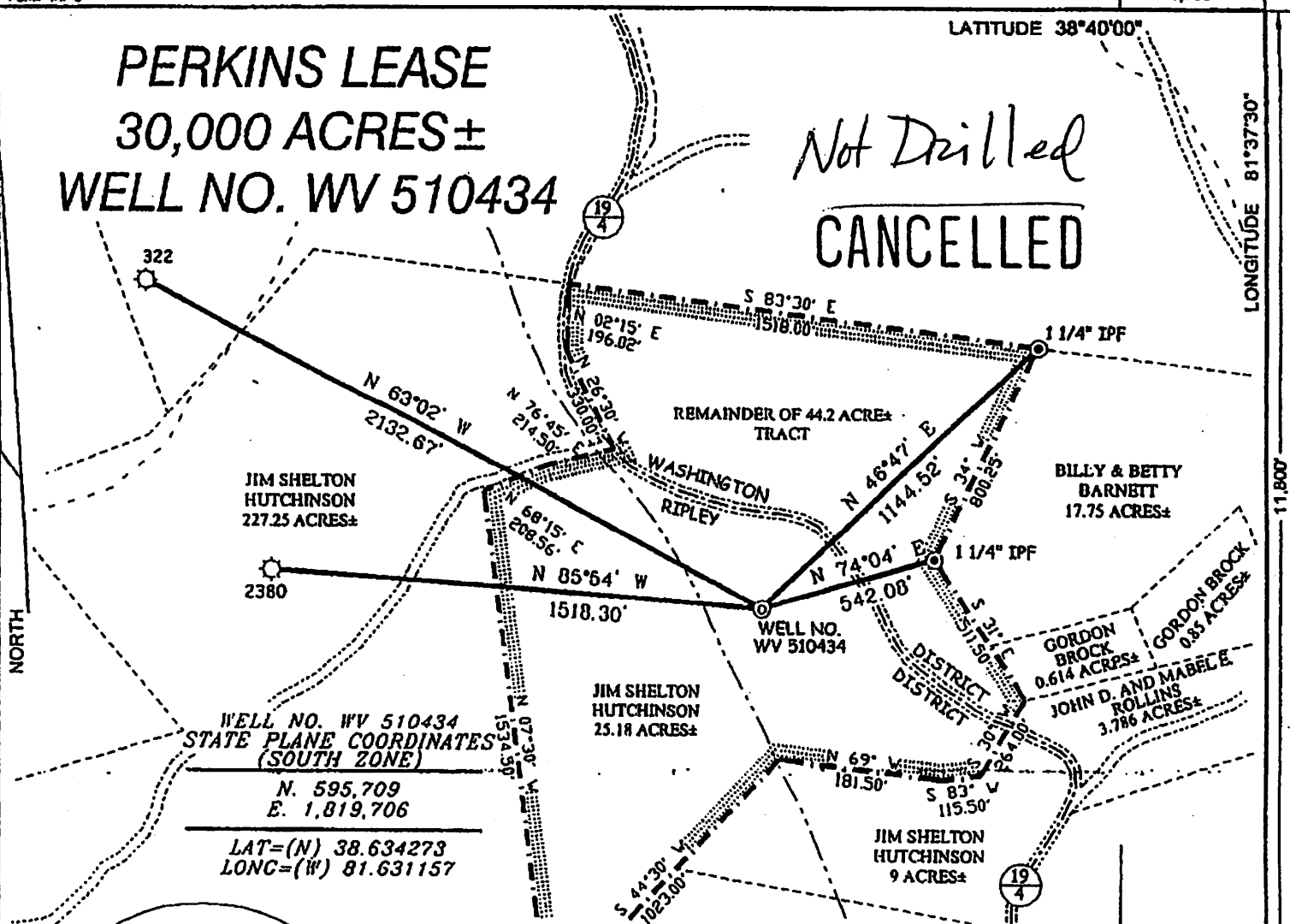


PERKINS LEASE 30,000 ACRES ± WELL NO. WV 510434

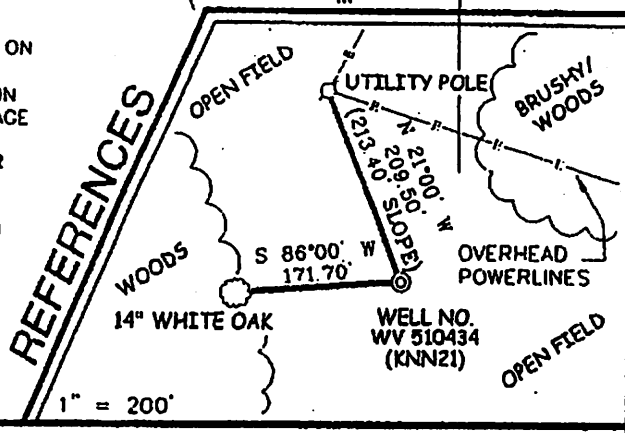
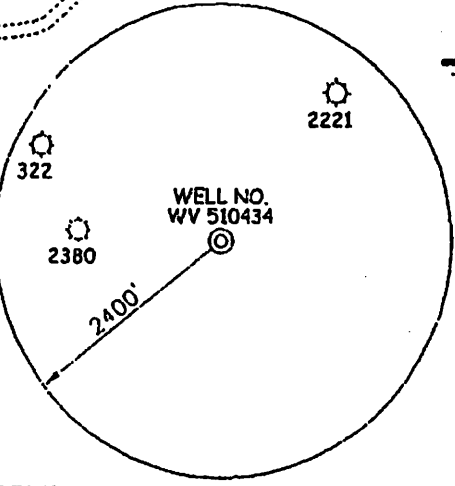
Not Drilled
CANCELLED



WELL NO. WV 510434
STATE PLANE COORDINATES
(SOUTH ZONE)
N. 595,709
E. 1,819,706
LAT=(N) 38.634273
LONG=(W) 81.631157

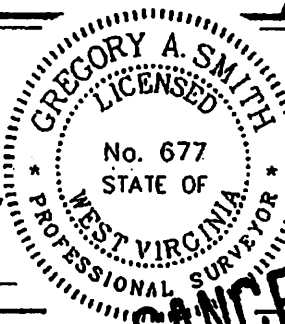
NOTES ON SURVEY

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 02/14/05.
3. TRACT BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 162 AT PAGE 527.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF JACKSON COUNTY IN JANUARY, 2005.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 MARCH 18, 20 05
OPERATORS WELL NO. WV 510434
API WELL NO. 47-35-02651
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 5478P51043 (1624)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1\"/>

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 972 WATERSHED JOE SHAMBLÉN BRANCH
DISTRICT RIPLEY COUNTY JACKSON QUADRANGLE KENNA 7.5'
SURFACE OWNER JIM SHELTON HUTCHINSON ACREAGE 25.18±
ROYALTY OWNER PERKINS HEIRS LEASE ACREAGE 30,000±
PROPOSED WORK: LEASE NO. 002428
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 5,500'

WELL OPERATOR EQUITBLE PRODUCTION COMPANY DESIGNATED AGENT STEPHEN G. PERDUE
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE

COUNTY NAME JACKSON
PERMIT 2651

04/24/2015