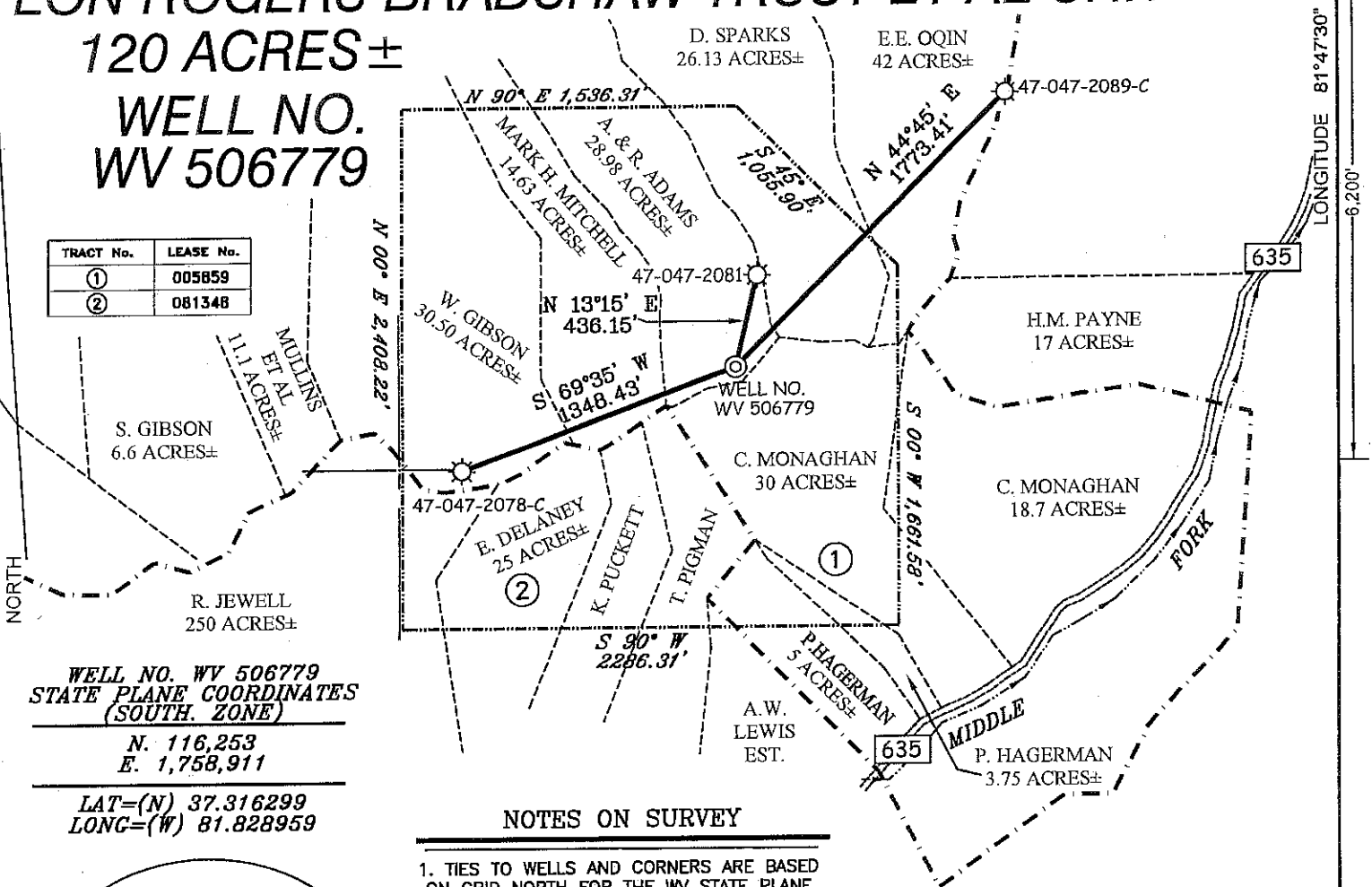


LON ROGERS BRADSHAW TRUST ET AL UNIT

120 ACRES±

WELL NO.
WV 506779

TRACT No.	LEASE No.
①	005859
②	081348

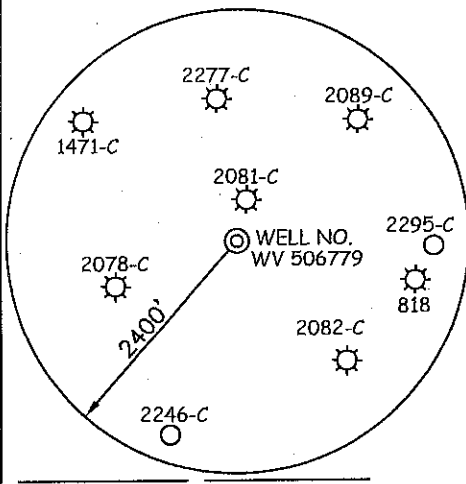
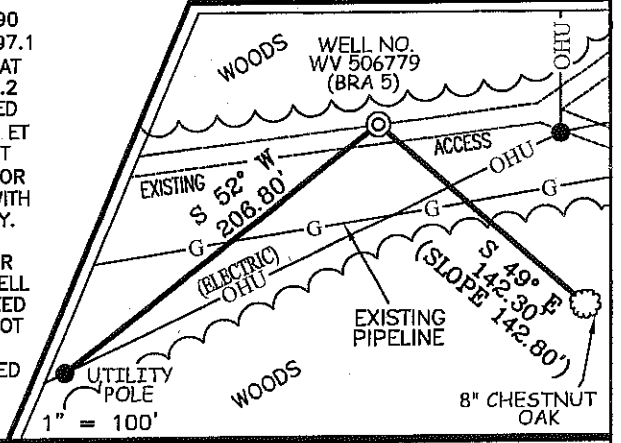


WELL NO. WV 506779
STATE PLANE COORDINATES
(SOUTH ZONE)
N. 116,253
E. 1,758,911
LAT=(N) 37.316299
LONG=(W) 81.828959

NOTES ON SURVEY

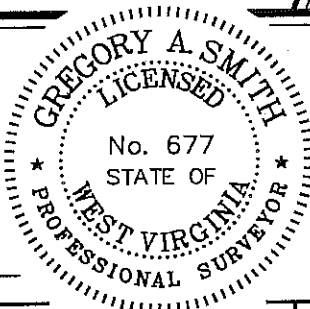
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 04/10/07.
3. DEEDS USED FOUND IN DEED BOOK 90 AT PAGE 423 DESCRIBING (LON ROGERS 97.1 ACRES± TRACT NO. 23) AND DEED 125 AT PAGE 405 DESCRIBING LOPIN LEASE 630.2 ACRES± TRACT. ABSTRACT OF TITLE TITLED "ABSTRACT SEVEN OF THE LON B. ROGER ET AL PROPERTY IN McDOWELL COUNTY WEST VIRGINIA." PLUS NUMEROUS OTHER INTERIOR AND ADJOINING DEEDS IN CONJUNCTION WITH EVIDENCE LOCATED DURING FIELD SURVEY.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF McDOWELL COUNTY IN MAY, 2007. DUE TO POOR DEED DESCRIPTIONS SURFACE TRACTS COULD NOT BE MAPPED ACCURATELY.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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. 677 *Gregory A. Smith*



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE SEPTEMBER 11, 20 07
OPERATORS WELL NO. WV 506779
API WELL NO. 47-047-02494
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6418P506779 (232 - 44)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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 2,271' WATERSHED WOLFPEN BRANCH OF BRADSHAW CREEK
DISTRICT SANDY RIVER COUNTY McDOWELL QUADRANGLE BRADSHAW 7.5'
SURFACE OWNER ALLAN R. & RITA G. ADAMS ACREAGE 28.98±
ROYALTY OWNER L.B.R. HOLDINGS, LLC ET AL LEASE ACREAGE 120± ACRE UNIT
PROPOSED WORK: LEASE NO. 005859 & 081348
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 7,160'

WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT L. TODD TETRICK
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302 04/06/2012

COUNTY NAME
PERMIT