

LONG. 81°19'58.7"

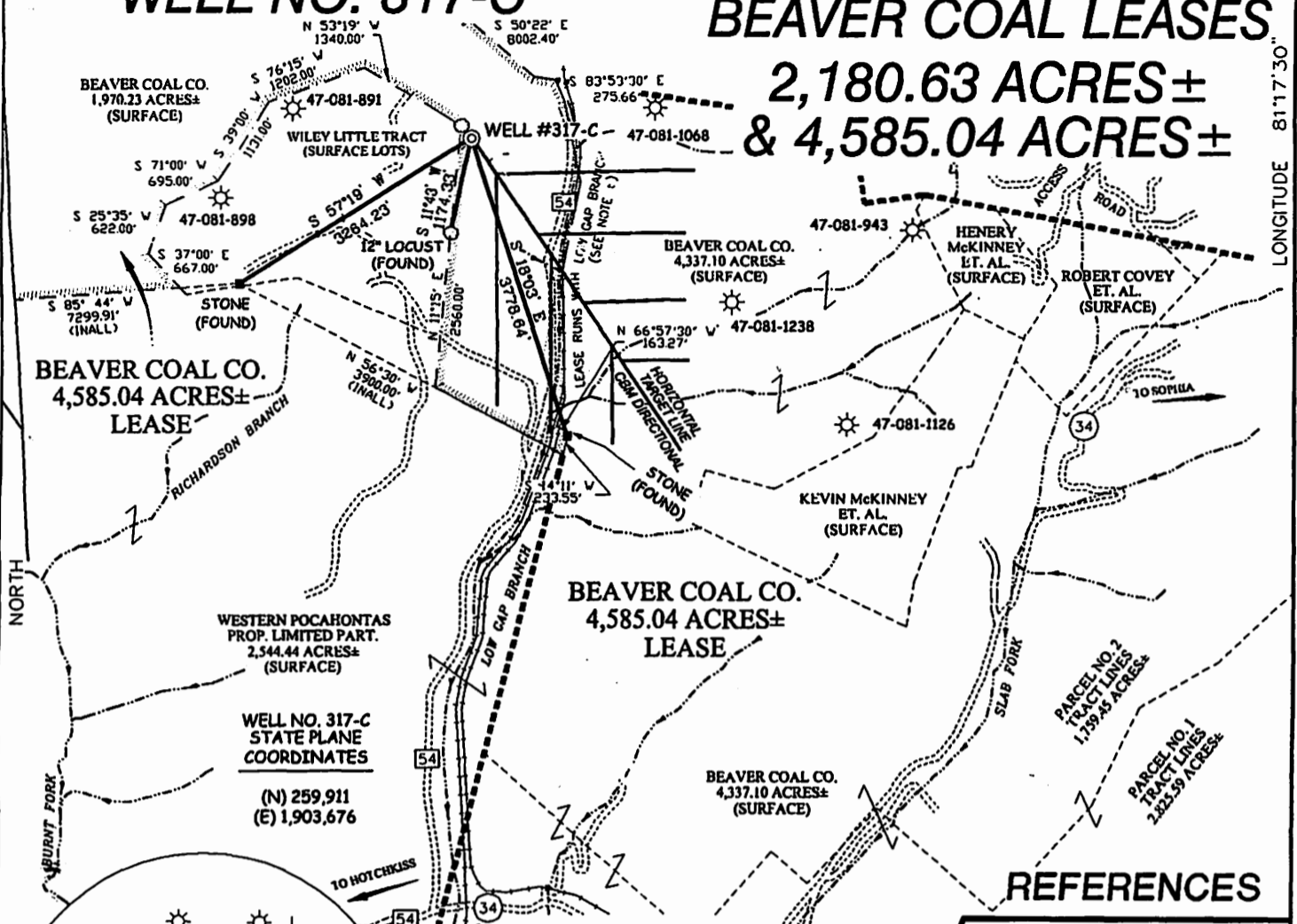
11,950'

LATITUDE 37°45'00"

WELL NO. 317-C

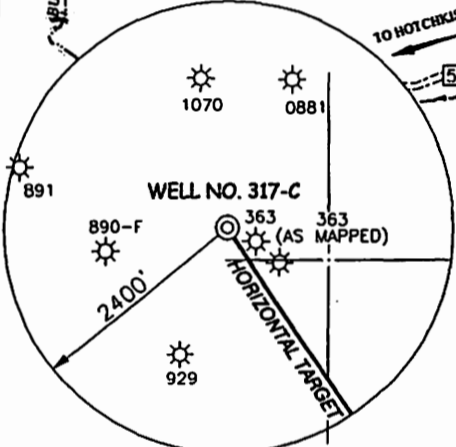
BEAVER COAL LEASES

2,180.63 ACRES± & 4,585.04 ACRES±



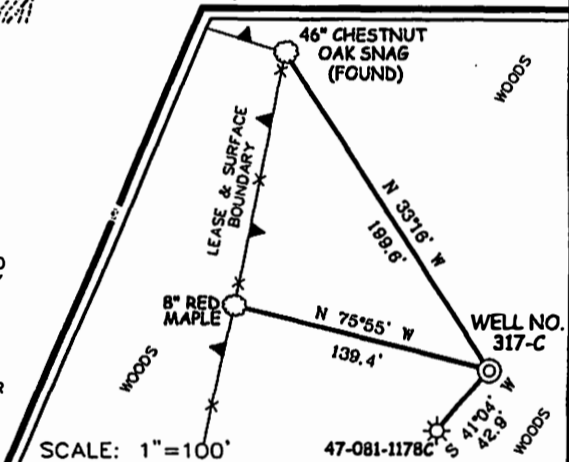
**WELL NO. 317-C
STATE PLANE
COORDINATES**

(N) 259,911
(E) 1,903,676



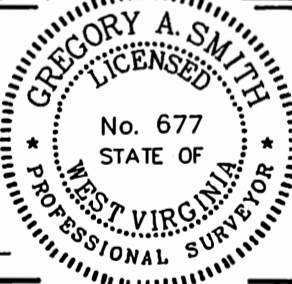
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 8/21/02.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT RECORDED IN LEASE BOOK 29 PAGE 374A RECORDED IN THE RALEIGH COUNTY CLERKS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RALEIGH COUNTY IN DECEMBER, 2001.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
6. HORIZONTAL TARGET DRILLING LINES FOR PROPOSED CBM DIRECTIONAL DRILLING SHOWN HEREON CROSS THE SHADED LEASE LINES FOR BEAVER COALS LEASE OF 2,180.63 ACRES± ON TO BEAVER COALS 4,585.04 ACRES± LEASE SHOWN IN BOLD DASHED LINES.



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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



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

DATE AUGUST 21, 20 02
 OPERATORS WELL NO. 317-C
 API WELL NO. 47-081-01288C
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3639P317C (72-56&115-75)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 1955' SCALE 1" = 2000'

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

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

LOCATION :
 ELEVATION 2,418' WATERSHED LOW GAP BRANCH
 DISTRICT SLAB FORK COUNTY RALEIGH QUADRANGLE LESTER 7.5'

SURFACE OWNER BEAVER COAL COMPANY ACREAGE 1,970.23±
 ROYALTY OWNER BEAVER COAL COMPANY LEASE ACREAGE 2,180.63± & 4,585.04

PROPOSED WORK :
 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 POCAHONTAS NO. 3
 ESTIMATED DEPTH 1300'

WELL OPERATOR ENERGY SEARCH, INC. DESIGNATED AGENT DAVE PERKINSON
 ADDRESS ROUTE 11, BOX 41 ADDRESS 377 EASTVIEW DRIVE
MARIETTA, OH 45750 PARKERSBURG, WV 26104

04/19/2013