

# BRAY LISTON LEASE

96.5 OF 579.66 ACRES±  
WELL NO. 10H

LATITUDE 39° 37' 30"

250'

270'

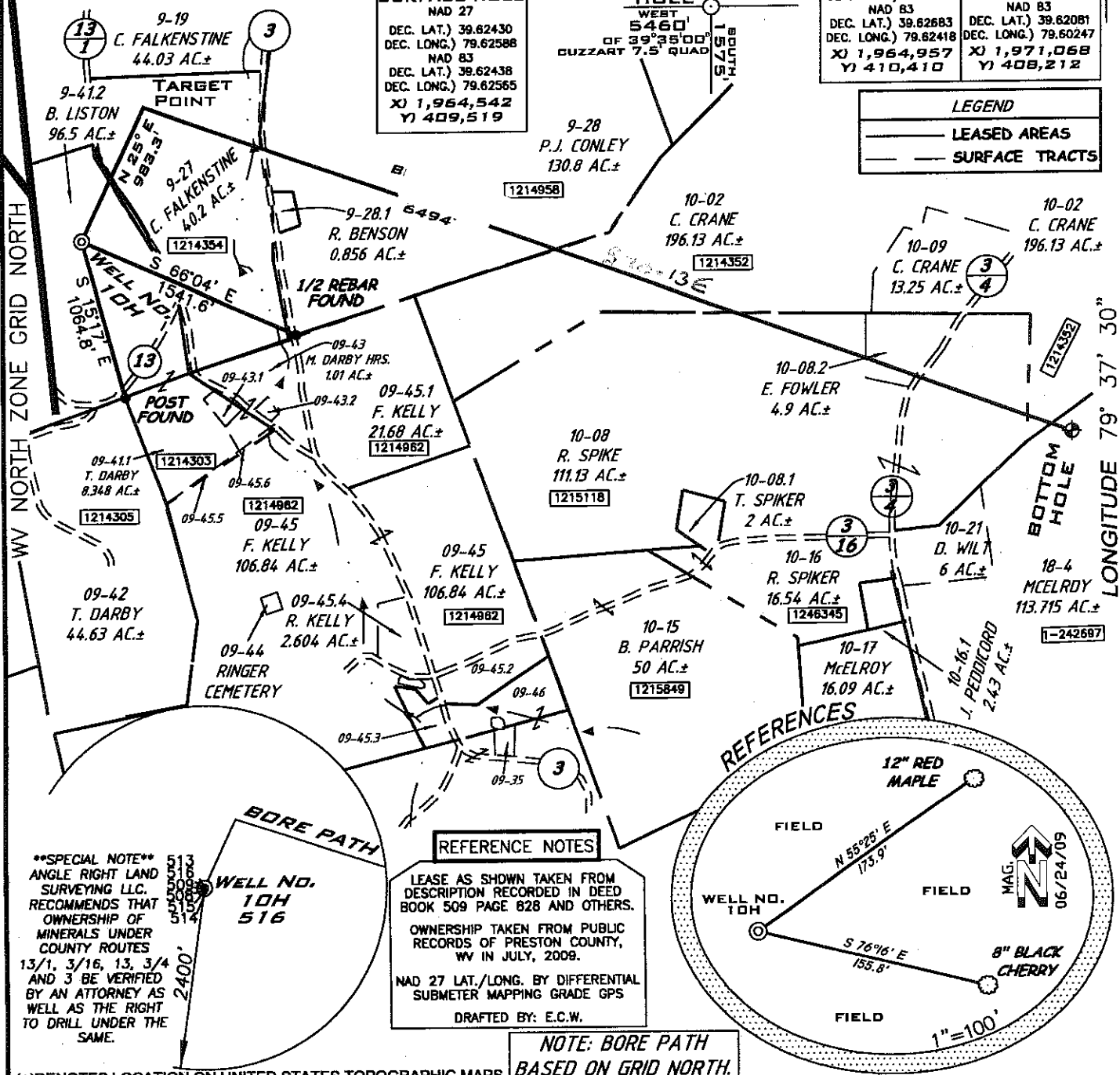
**SURFACE HOLE**  
NAD 27  
DEC. LAT.) 39.62430  
DEC. LONG.) 79.62588  
NAD 83  
DEC. LAT.) 39.62438  
DEC. LONG.) 79.62565  
X) 1,964,542  
Y) 409,519

**BOTTOM HOLE**  
WEST 5460'  
OF 39°35'00"  
GUZZART 7.5' QUAD

TARGET POINT 1	BOTTOM HOLE
NAD 27 DEC. LAT.) 39.62675 DEC. LONG.) 79.62441	NAD 27 DEC. LAT.) 39.62073 DEC. LONG.) 79.60271
NAD 83 DEC. LAT.) 39.62683 DEC. LONG.) 79.62418	NAD 83 DEC. LAT.) 39.62081 DEC. LONG.) 79.60247
X) 1,964,957 Y) 410,410	X) 1,971,068 Y) 408,212

**LEGEND**

	LEASED AREAS
	SURFACE TRACTS

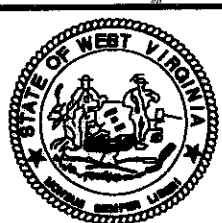


**\*\*SPECIAL NOTE\*\***  
ANGLE RIGHT LAND SURVEYING LLC. RECOMMENDS THAT OWNERSHIP OF MINERALS UNDER COUNTY ROUTES 13/1, 3/16, 13, 3/4 AND 3 BE VERIFIED BY AN ATTORNEY AS WELL AS THE RIGHT TO DRILL UNDER THE SAME.

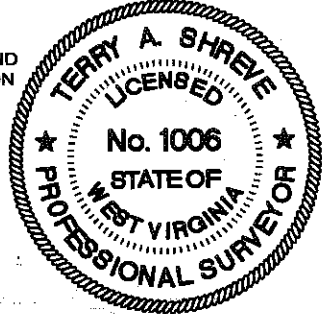
FILE NUMBER W090195 (WB14-39)  
DRAWING NUMBER W090195\_10H.dwg  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION SUBMETER MAPPING GRADE GPS

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. 1006



**ANGLE RIGHT LAND SURVEYING, LLC.**  
GRANTSVILLE, WV 26147 WESTON, WV 26452  
(304) 354-0065 (304) 269-5608



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

DATE: JULY 28, 2009 DATE REVISED: APRIL 30, 2010  
DATE REVISED: MAY 12, 2010  
BRAY LISTON  
OPERATORS WELL NO. NO. 10H 831323  
API WELL NO.

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION ELEVATION 1896' WATERSHED LITTLE SANDY CREEK  
DISTRICT PLEASANTS COUNTY PRESTON  
QUADRANGLE VALLEY POINT 7.5' LEASE NUMBER 1214354 1215118 1214958 1214352 1242697

SURFACE OWNER BRAY E. LISTON ACREAGE 96.5  
OIL & GAS ROYALTY OWNER BRAY E. LISTON et ux LEASE ACREAGE 96.5 of 579.66±

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION \_\_\_  
PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE (SPECIFY) EXTEND BORE PATH

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5000' + Horizontal Leg

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT JAMES E. GREY  
ADDRESS P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 ADDRESS P.O. BOX 6070 CHARLESTON, WV 25369

**CANCELLED** Revised

COUNTY NAME PERMIT

A.R.L.S.

02/10/2012