

240'

LATITUDE 39° 37' 30"

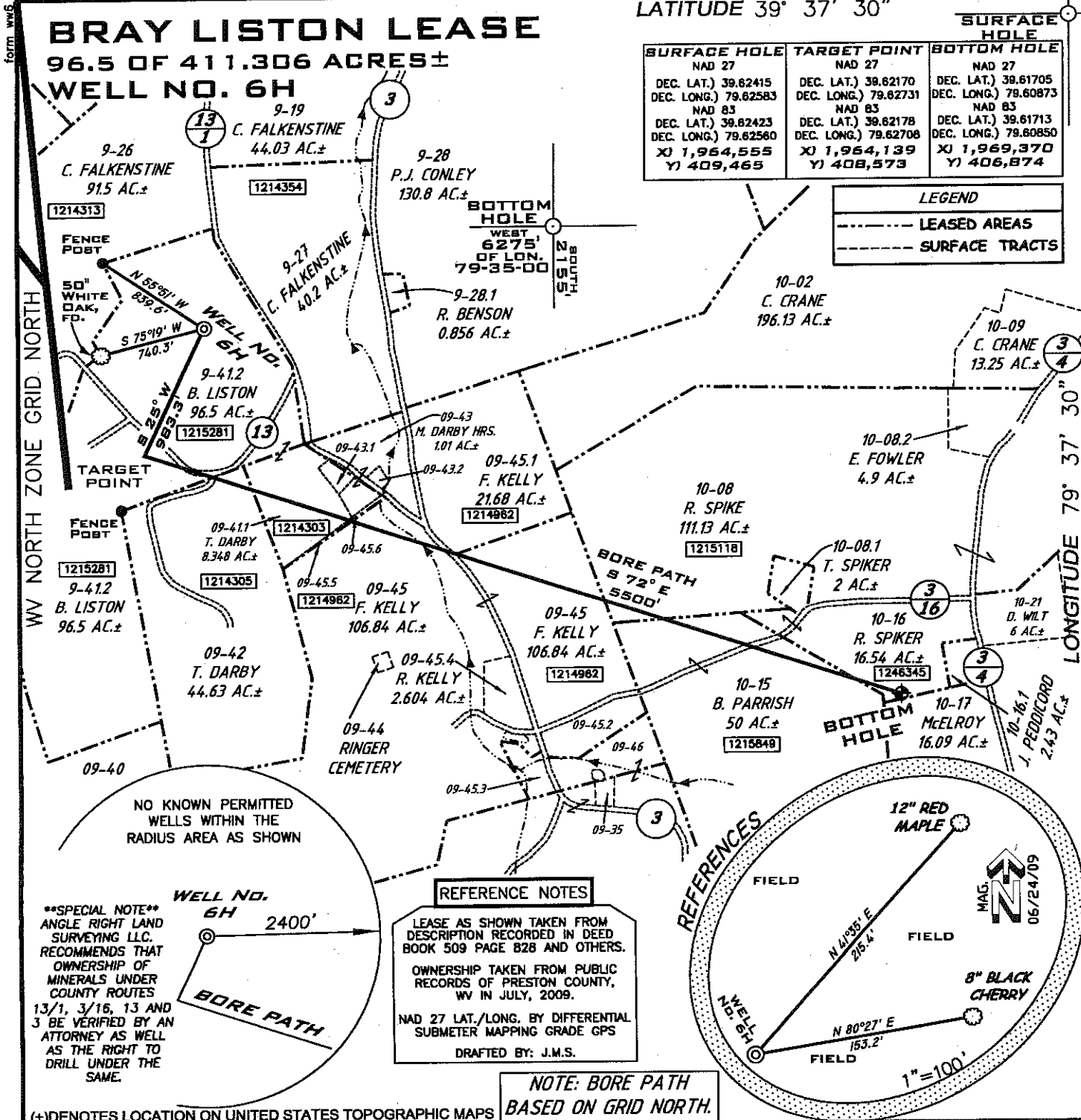
SURFACE HOLE

BRAY LISTON LEASE

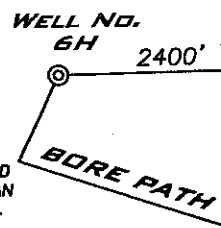
96.5 OF 411.306 ACRES± WELL NO. 6H

SURFACE HOLE	TARGET POINT	BOTTOM HOLE
NAD 27 DEC. LAT.) 39.62415 DEC. LONG.) 79.62583 NAD 83 DEC. LAT.) 39.62423 DEC. LONG.) 79.62560 X) 1,964,555 Y) 409,465	NAD 27 DEC. LAT.) 39.62170 DEC. LONG.) 79.62731 NAD 83 DEC. LAT.) 39.62178 DEC. LONG.) 79.62708 X) 1,964,139 Y) 408,573	NAD 27 DEC. LAT.) 39.61705 DEC. LONG.) 79.60873 NAD 83 DEC. LAT.) 39.61713 DEC. LONG.) 79.60850 X) 1,969,370 Y) 406,874

LEGEND	
	LEASED AREAS
	SURFACE TRACTS



NO KNOWN PERMITTED WELLS WITHIN THE RADIUS AREA AS SHOWN

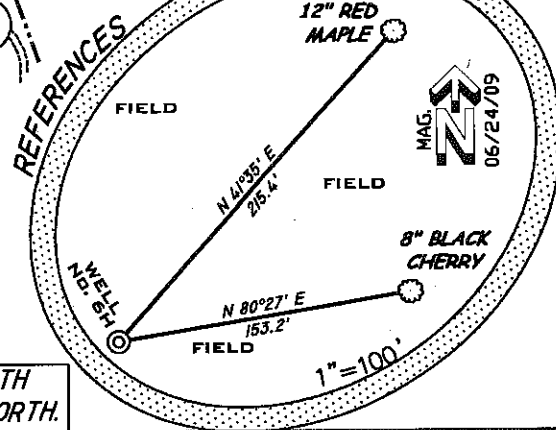


****SPECIAL NOTE****
ANGLE RIGHT LAND SURVEYING LLC. RECOMMENDS THAT OWNERSHIP OF MINERALS UNDER COUNTY ROUTES 13/1, 3/16, 13 AND 3 BE VERIFIED BY AN ATTORNEY AS WELL AS THE RIGHT TO DRILL UNDER THE SAME.

REFERENCE NOTES

LEASE AS SHOWN TAKEN FROM DESCRIPTION RECORDED IN DEED BOOK 509 PAGE 828 AND OTHERS.
OWNERSHIP TAKEN FROM PUBLIC RECORDS OF PRESTON COUNTY, WV IN JULY, 2009.
NAD 27 LAT./LONG. BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS
DRAFTED BY: J.M.S.

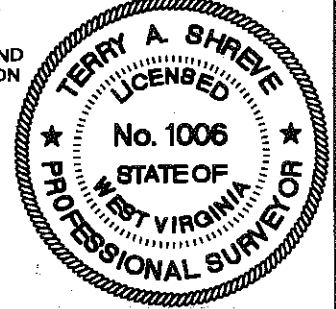
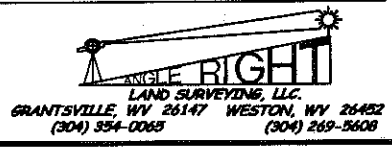
NOTE: BORE PATH BASED ON GRID NORTH.



FILE NUMBER	W090195
DRAWING NUMBER	W090195_6H.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



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

DATE: JULY 28, 2009
831322 BRAY LISTON
OPERATORS WELL NO. NO. 6H
API WELL NO. 47-077-D0514-H
STATE COUNTY PERMIT
CANCELLED

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'

SURFACE OWNER BRAY E. LISTON et ux ACREAGE 96.5±
OIL & GAS ROYALTY OWNER BRAY E. LISTON et ux LEASE ACREAGE 96.5 OF 411.306±
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ___
PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
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 25362

02/10/2012

form wvgs
NW NORTH ZONE GRID NORTH
A.R.L.S.

02C
LONGITUDE 79° 37' 30"