

81°03' 50.07" (81.063908)

6290'

LATITUDE

39°12' 30"

HAUGHT FAMILY TRUST & SPRUCE CREEK 83 ACRE LEASE

D-M-P = District-Map-Parcel

UTM NAD 83
N: 4335470
E: 494479

J. Adkins
DB 279-533
(10-16-06)

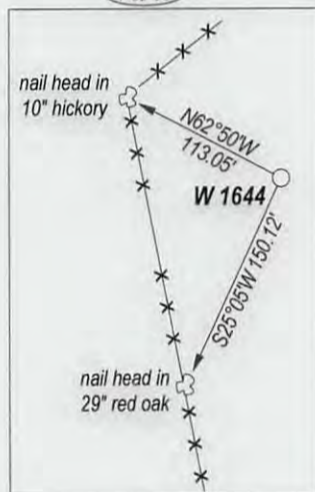
J. Adkins
DB 279-533
(10-16-04)

M. Roby
DB 248-812
(7-03-3.2)

M. Roby
DB 248-812
(7-03-3.1)

Wedekamm
DB 283-1016
(7-03-8.2)

F. Mahaney
DB 314-231
(7-03-10)



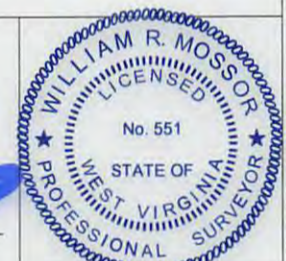
Eflw
DB 1036-459
(12-40-20)



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 : 200
 PROVEN SOURCE OF ELEVATION GPS
 OBSERVATION

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 ENERGY.

(SIGNED) _____
 PROFESSIONAL SURVEYOR: 551



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE NOVEMBER 19TH, 2013
 OPERATORS WELL NO. W 1644

API 47 - 085 - 10093
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1010' WATER SHED MOYERS RUN
 DISTRICT UNION COUNTY RITCHIE QUADRANGLE HARRISVILLE

SURFACE OWNER JAMES ADKINS, ET AL ACREAGE 80
 OIL & GAS ROYALTY HAUGHT FAMILY TRUST & SPRUCE GROVE LEASE AC. 83

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____
 FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____
 PERFORATE NEW FORMATION _____
 OTHER PHYSICAL CHANGE IN WELL _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION BENSON / ALEXANDER ESTIMATED DEPTH 5500' TO 5700'

WELL OPERATOR HAUGHT ENERGY CORP. DESIGNATED AGENT WARREN HAUGHT
 ADDRESS HC 68, BOX 14 ADDRESS HC 68, BOX 14
 SMITHVILLE, WV 26178 SMITHVILLE, WV 26178

FORM WW - 6

COUNTY NAME

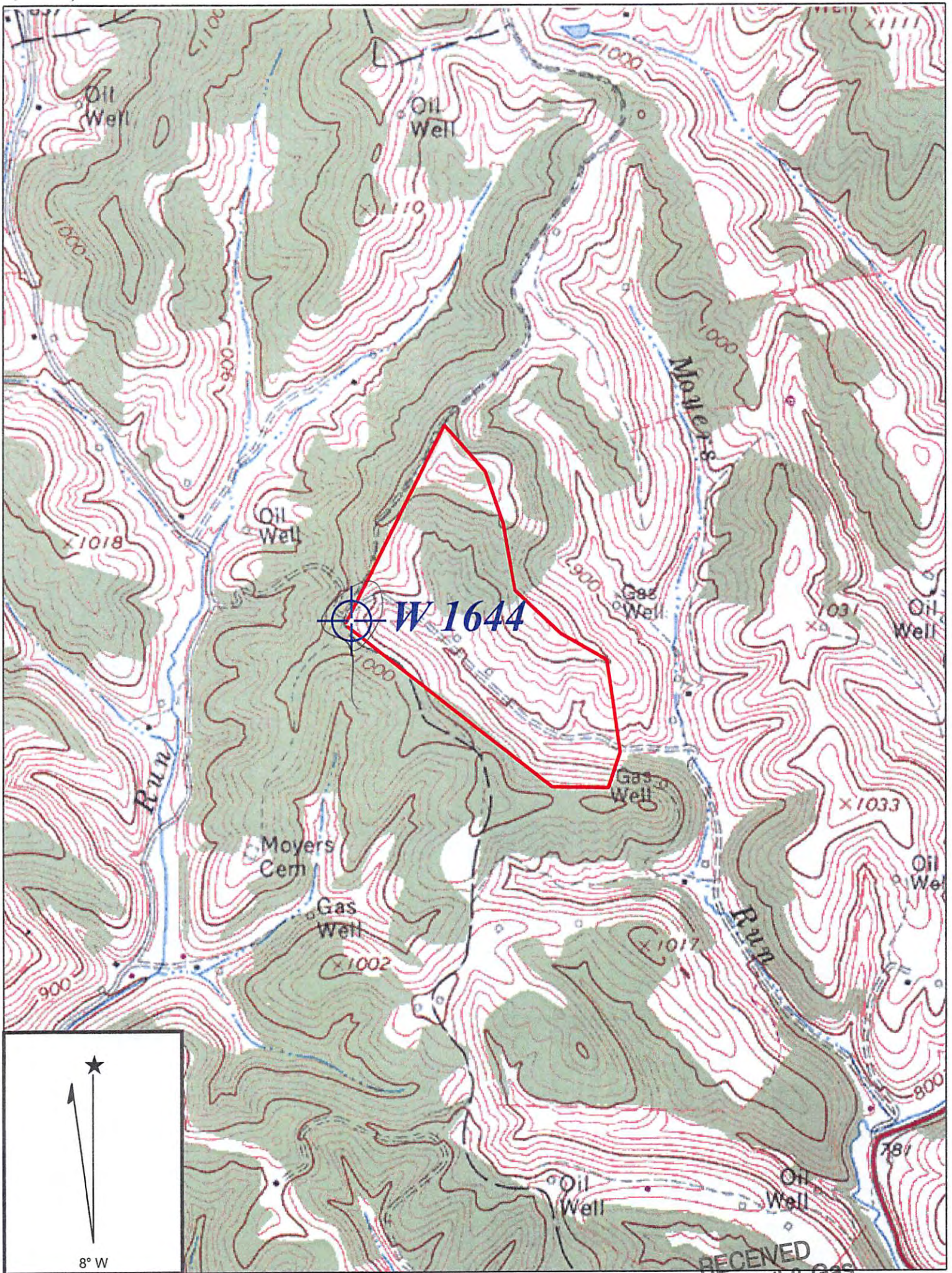
PREMIT

LONGITUDE

14490'

39°10' 06.35" (39.168431)

01/10/2014



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HARRISVILLE QUADRANGLE

SCALE 1" = 1000'

HAUGHT ENERGY

WELL: W-1644

HAUGHT FAMILY TRUST & SPRUCE GROVE CHURCH 83 ACRE UNIT

UNION DISTRICT RITCHIE COUNTY WEST VIRGINIA

RECEIVED
 Dept. of Oil & Gas
 12-11-13
 DEC 16 2013

WV Department of Environmental Protection