

81°02' 45.27" (81.045909)

1210'

LATITUDE 39°05' 00"

81°02' 30"

UTM NAD 83
N: 4324618
E: 496029

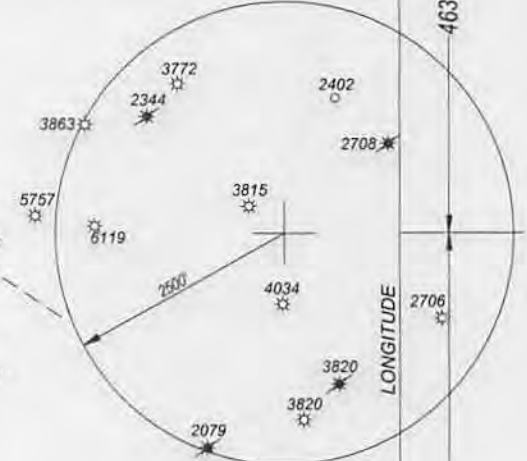
D-M-P District-Map-Parcel

T Hatfield
DB 311-342
7-27-33

W. Hatfield
WB 39-111
7-27-34

County Route 47/11

L. Sisson
DB 276-527
7-27-50



NORTH

W. Pierce
DB 265-18
7-27-47



W. Hatfield
WB 39-111
7-27-52

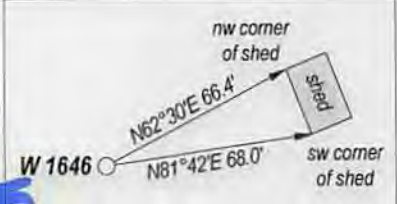
P. Sarver
DB 219-117
7-27-53

Wells & Trowbridge
WB 36-738
7-27-51

P. Sarver
DB 219-117
7-27-54

CLARENCE W. MUTSCHELKNAUS 88 ACRE LEASE

D. Clark
DB 280-259
7-35-14



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) *[Signature]*
PROFESSIONAL SURVEYOR: 551



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

DATE APRIL 17TH, 2014
OPERATORS WELL NO. W 1646

API 47 - 085 - 10113
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 891' WATER SHED GRASS RUN
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE - 5

SURFACE OWNER PATSY WELLS & PAMELA TROWBRIDGE ACREAGE 88
OIL & GAS ROYALTY CLARENCE W. MUTSCHELKNAUS LEASE AC 88

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

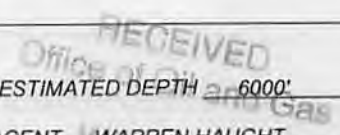
TARGET FORMATION LOWER DEVONIAN / MARCELLUS ESTIMATED DEPTH 6000'

WELL OPERATOR HAUGHT ENERGY CORP. DESIGNATED AGENT WARREN HAUGHT
ADDRESS 12864 STAUNTON TURNPIKE ADDRESS 12864 STAUNTON TURNPIKE
SMITHVILLE, WV 26178 SMITHVILLE, WV 26178

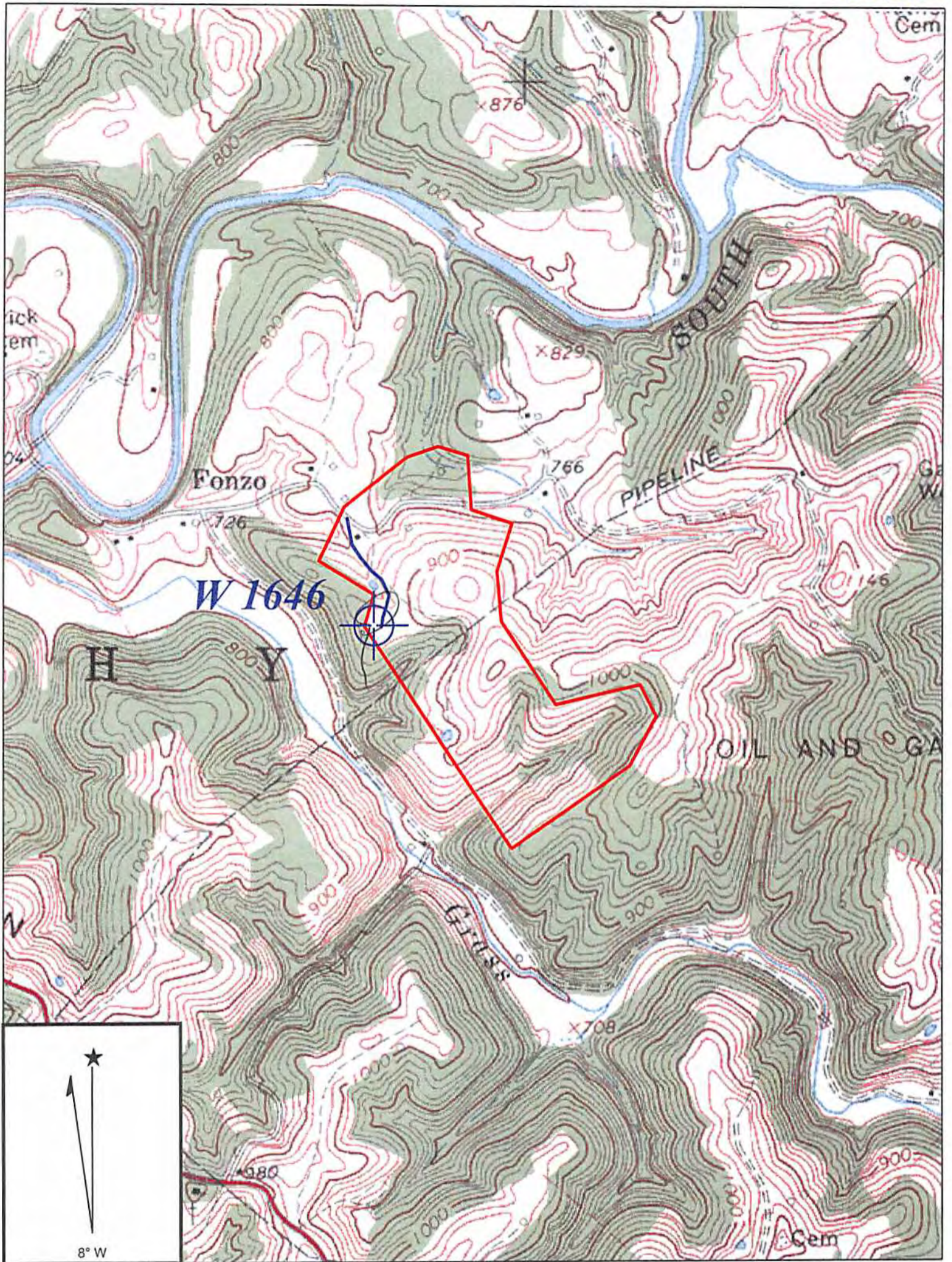
FORM WW - 6

COUNTY NAME

PERMIT



08/01/2014



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SMITHVILLE QUADRANGLE

David Cum

SCALE 1" = 1000'

HAUGHT ENERGY CORP.

WELL: W 1646
CLARENCE W. MUTSCHELKNAUS

RECEIVED
Office of Oil and Gas
88 ACRE UNIT
MAY 08 2014

MURPHY DISTRICT RITCHIE COUNTY

WEST VIRGINIA
WV Department of Environmental Protection
08/01/2014