

NOTES ON SURVEY

1. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03-04-14.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM WELL PLAT 47-021-3141-P PREPARED BY GREGORY A. SMITH LLS 677 ON 10-22-1988.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GILMER COUNTY IN JULY, 2013.

**ENERGY CORPORATION OF AMERICA
RINEHART LEASE
330 ACRES±
WELL NO. RINEHART S-2**

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 SOUTH)
 NAD'27 S.P.C.(FT) N. 709,463 E. 2,043,626
 NAD'27 GEO. LAT-(N) 38.94820 LONG-(W) 80.84662
 NAD'83 UTM (M) N. 4,311,050 E. 519,306

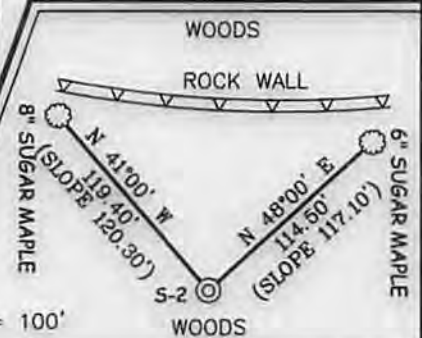


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION

P.S. *Gregory A. Smith*
677



REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 21, 20 14
 REVISED _____, 20 _____
 OPERATORS WELL NO. RINEHART S-2
 API WELL NO. 47-21-65766
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8154PS-2 (497/22)
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS SUBMETER MAPPING GRADE SCALE 1" = 1000'

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

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

LOCATION:
 ELEVATION 860' WATERSHED LITTLE KANAWHA RIVER
 DISTRICT GLENVILLE COUNTY GILMER QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER ERNEST L. ARBUCKLE FAMILY TRUST ACREAGE 272.30±
 ROYALTY OWNER ERNEST L. ARBUCKLE FAMILY TRUST ACREAGE 330±

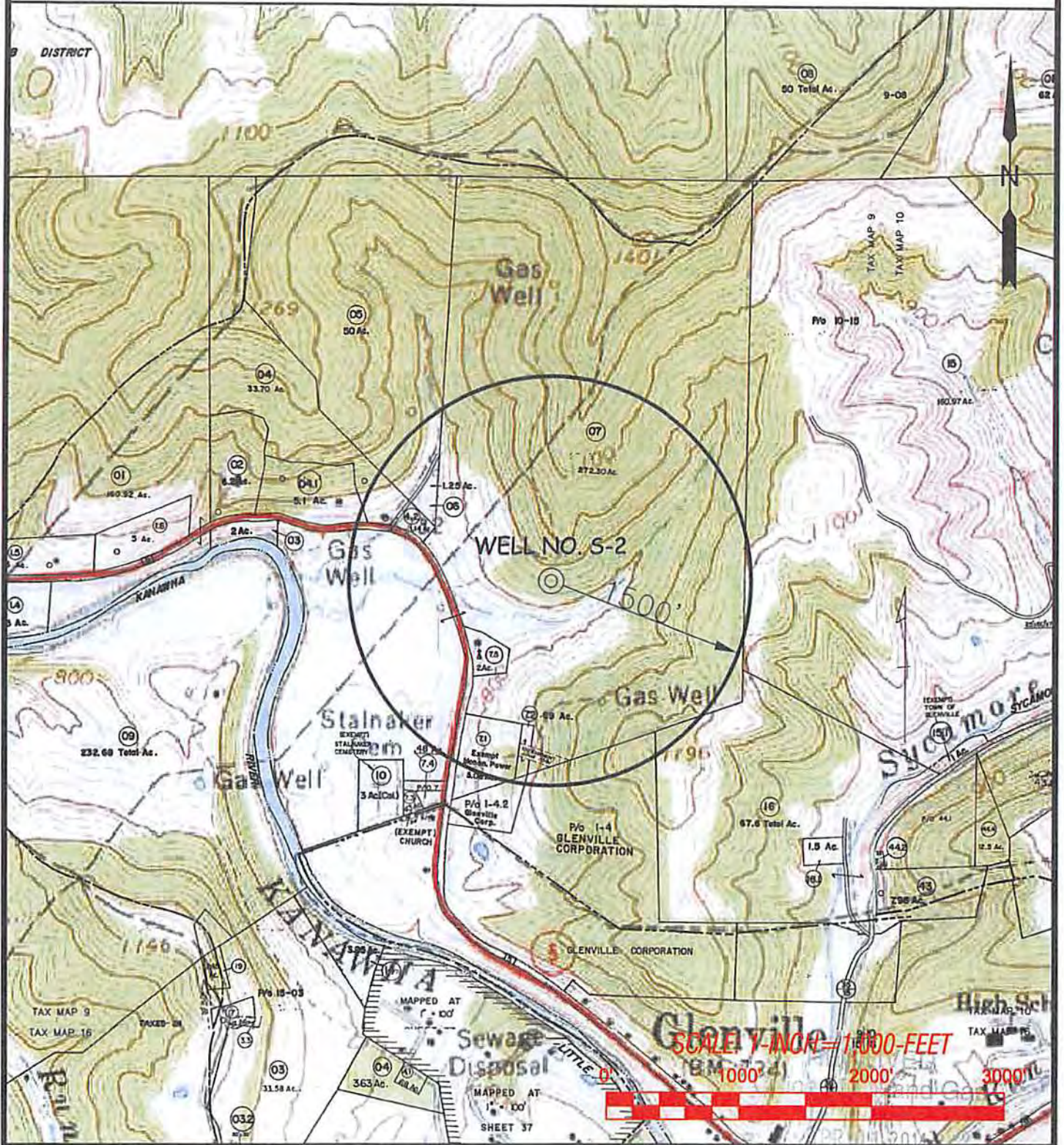
PROPOSED WORK:
 DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION SPEECHLEY
 ESTIMATED DEPTH 3,300'

WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS
 ADDRESS 501 56TH STREET S.E. ADDRESS 501 56TH STREET S.E.
CHARLESTON, WV 25304 CHARLESTON, WV 25304

05/09/2014

RINEHART LEASE WELL NO. S-2



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYORS

SLS

Survivors Project West ENGINEERS ENVIRONMENTALS

1000 Ohio Eastern Road
Martinsburg, WV 26151
(304) 271-1001

DRAWN BY: K.G.M. FILE NO.: 8154 DATE: 03/20/14 CADD FILE: 8154WSS-2.DWG

TOPO SECTION OF:
GLENVILLE, WV 7.5' QUAD.

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
GLENVILLE	GLENVILLE	9-7

OPERATOR:
ENERGY CORPORATION OF AMERICA
501 56TH STREET S.E.
CHARLESTON, WV 25304