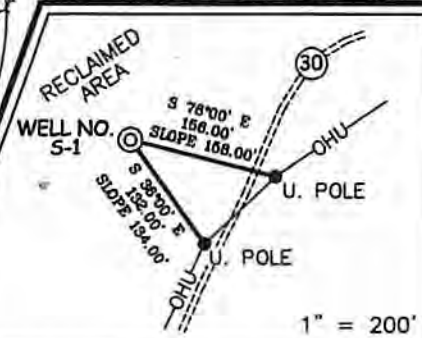


NOTES ON SURVEY

1. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 03-05-14.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM 465/192. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GILMER COUNTY IN JULY, 2013.

REFERENCES



1" = 200'

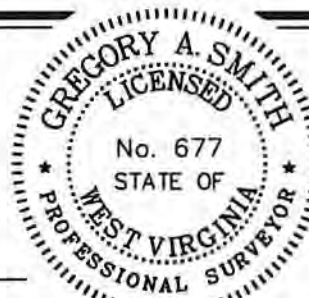
**ENERGY CORPORATION OF AMERICA SUMMERS LEASE 150 ACRES± WELL NO. S-1**

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 SOUTH)  
 NAD'27 S.P.C.(FT) N. 701,578 E. 2,059,213  
 NAD'27 GEO. LAT.(N) 38.92847 LONG.(W) 80.79188  
 NAD'83 UTM (M) N. 4,308,648 E. 518, 056



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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE MARCH 21 , 20 14  
 REVISED \_\_\_\_\_ , 20 \_\_\_\_  
 OPERATORS WELL NO. SUMMERS S-1  
 API WELL NO. 47 - 21 - 05767  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8155PS-1 (497-23)  
 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 760' WATERSHED DUCK CREEK  
 DISTRICT GLENVILLE COUNTY GILMER QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER MIKE ROSS & I.L. MORRIS ACREAGE 71.25±  
 ROYALTY OWNER MB SUMMERS HEIRS ET AL ACREAGE 150±

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 3,150'

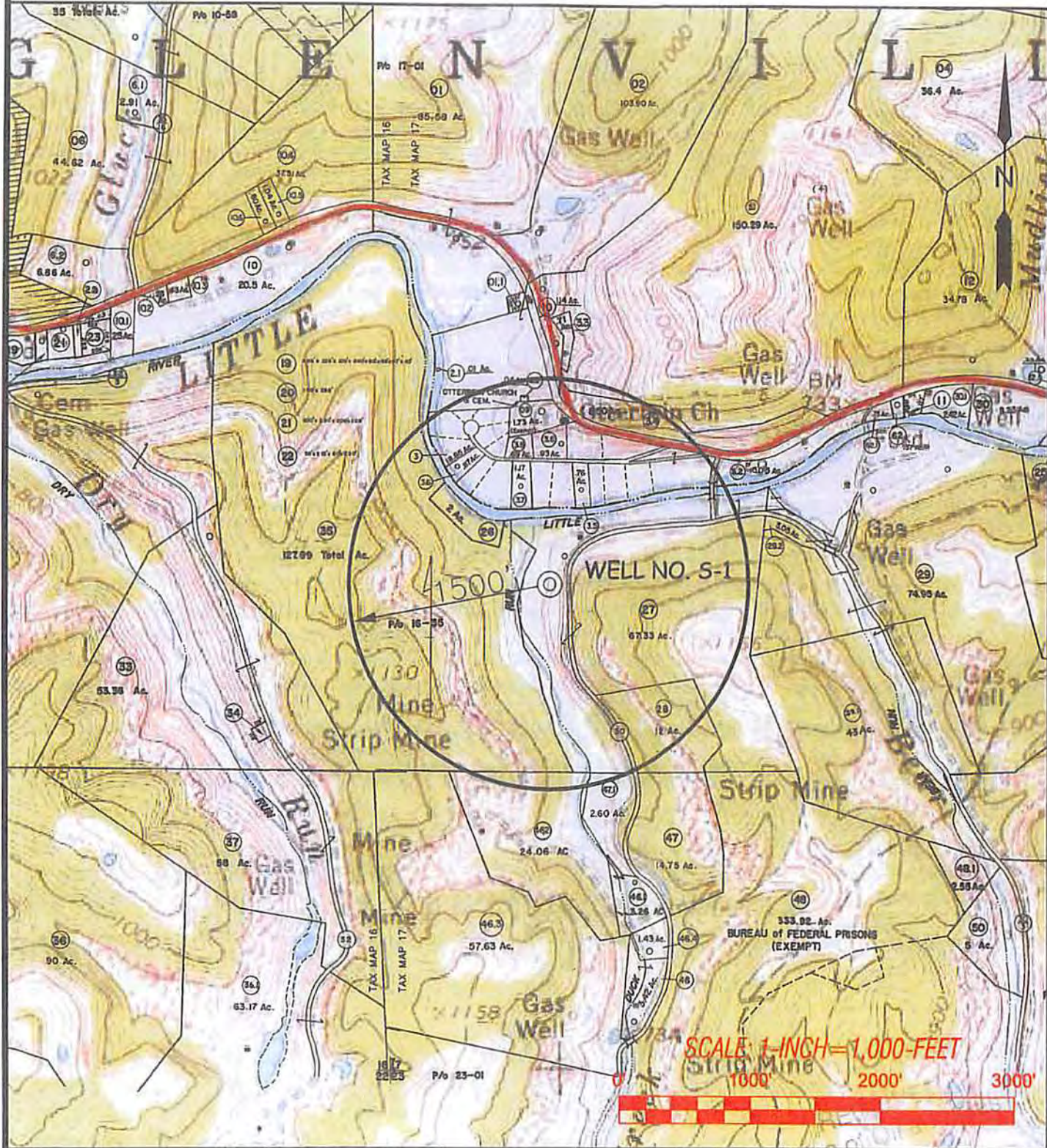
WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS  
 ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304 ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304

05/09/2014

COUNTY NAME PERMIT



# SUMMERS LEASE WELL NO. S-1



Professional Energy Consultants  
a subsidiary of SLS Energy Services

**SLS**  
SURVEYING PROJECT MGMT. ENGINEERING

P.O. Box 150  
Charleston, WV 25301  
304.785.0104

WV State Survey License  
No. 10000  
Exp. 03/31/2017

DRAWN BY: K.G.M.  
FILE NO.: 8155  
DATE: 03/18/14  
CADD FILE: 8155W25-1.DWG

TOPO SECTION OF:  
GLENVILLE, WV 7.5' QUAD.

DISTRICT	COUNTY	TAX MAP-PARCEL NO.
GLENVILLE	GLENVILLE	17-27

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

Office of  
2014  
Department of  
Environmental Protection