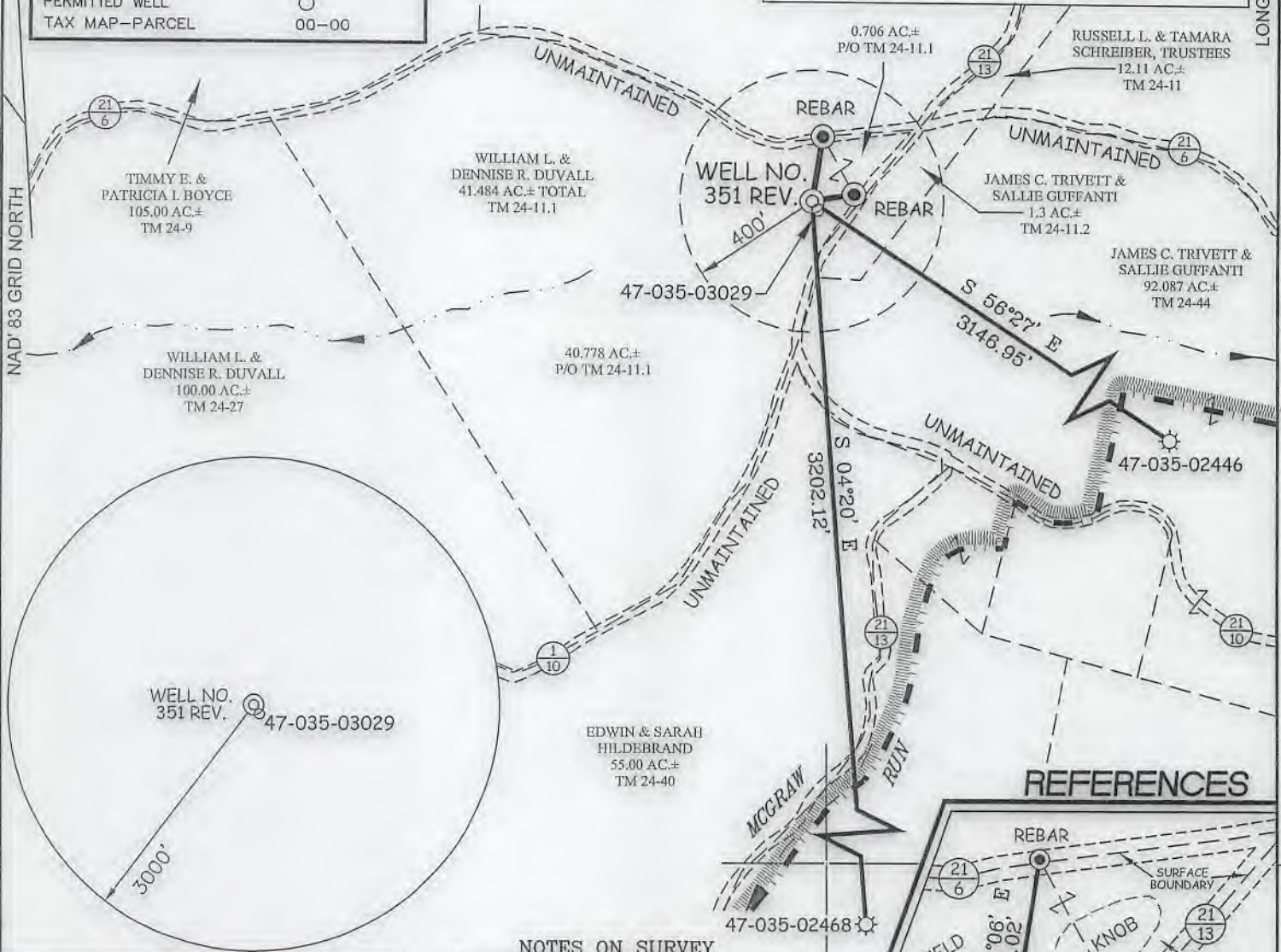


LEGEND

LEASE LINE	
SURFACE LINE	
TIE LINE	
CREEK	
ROAD	
COUNTY ROUTE	
STATE ROUTE	
PROPOSED WELL	
EXISTING WELL	
PERMITTED WELL	
TAX MAP-PARCEL	00-00

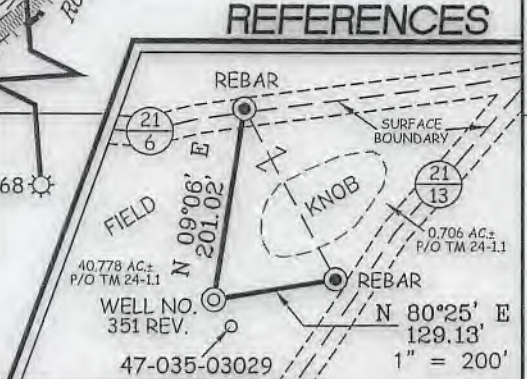
CHARLES W. BOYCE (LIFE) &
TIMOTHY E. BOYCE
90.00 AC.±
TM 24-10.1

APLIN-DUVALL LEASE
1,880 ACRES±
WELL NO. 351 REV. A
(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD'27 S.P.C.(FT) N. 730,517.3 E. 1,828,668.1
NAD'27 GEO. LAT-(N) 39.004578 LONG-(W) 81.602853
NAD'83 UTM (M) N. 4,317,466.3 E. 447,814.3



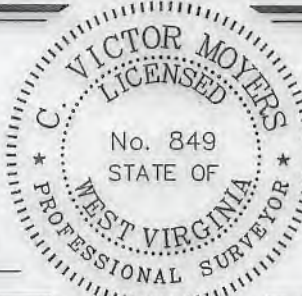
SLS
Land & Energy Development
Solutions from the ground up.
P.O. Box 150 • 12 Vantom Drive • Glenville, WV 26351 • (304) 462-5634
www.slsenv.com

- NOTES ON SURVEY**
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
 2. APPROXIMATE LEASE BOUNDARY INFORMATION AS SHOWN PROVIDED BY MOUNTAINEER STATE ENERGY, INC.
 3. LAT/LONG GRID OFFSETS ARE NAD'83.



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. *C. Victor Moyers*
849



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 26, 20 18
REVISED JULY 30, 20 19
OPERATORS WELL NO. APLIN-DUVALL #351 REV.
API WELL NO. 47-035-03030
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 8872P351R.dwg
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)
SCALE 1" = 500'

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

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

LOCATION: GROUND: 994' PROPOSED: 992' WATERSHED: TRIBUTARY OF MAULECAMP RUN

DISTRICT: GRANT COUNTY: JACKSON QUADRANGLE: ROCKPORT 7.5'

SURFACE OWNER: WILLIAM AND DENNISE DUVALL ACREAGE: 40.778 OF 41.484 ±

ROYALTY OWNER: APLIN HEIRS ACREAGE: 1,880 ±

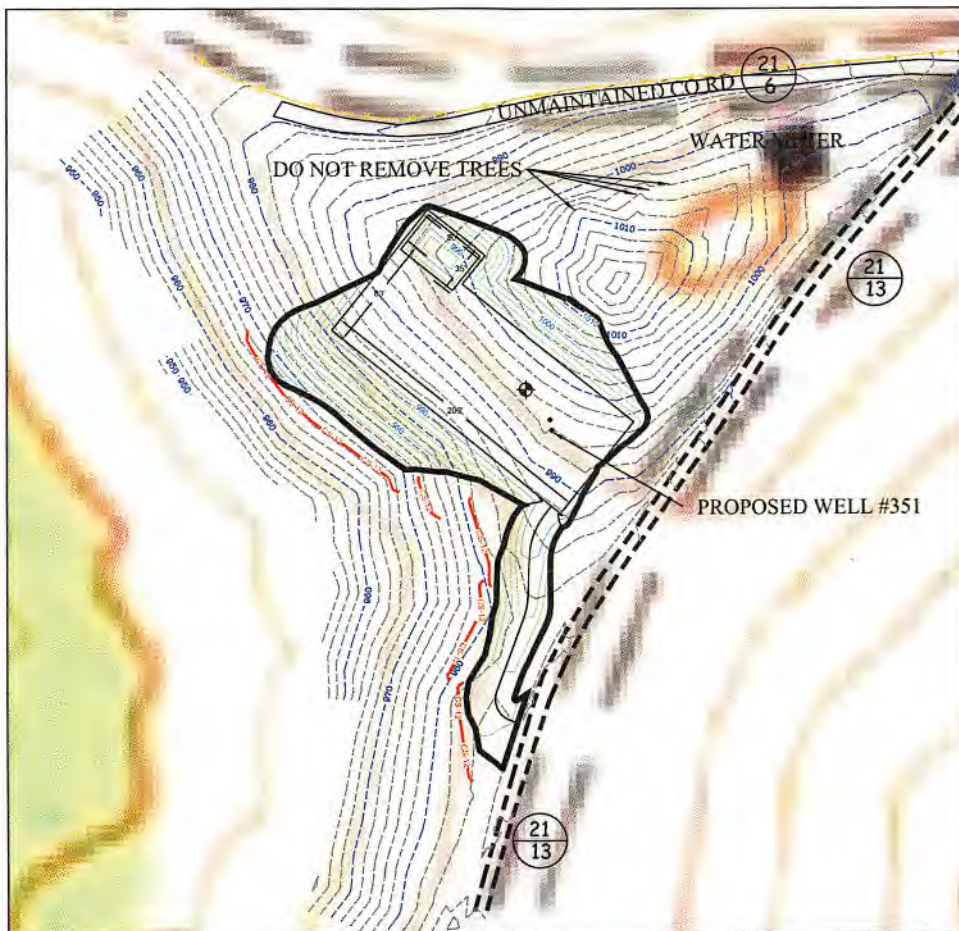
PROPOSED WORK: LEASE NO. 3656-1 THRU 117

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

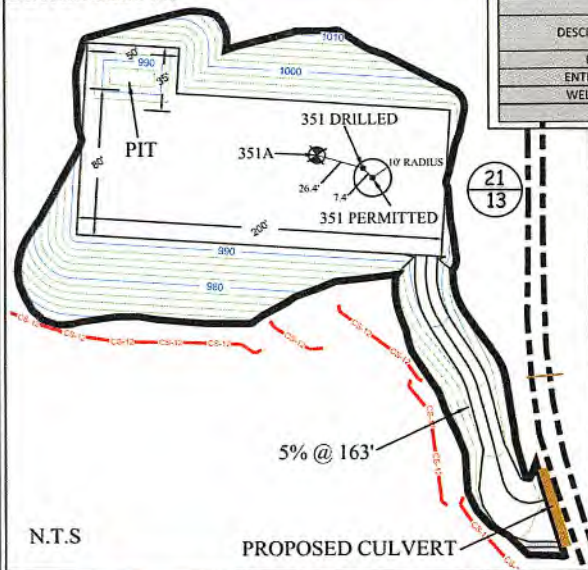
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION: ORISKANY
ESTIMATED DEPTH: 5,100'

WELL OPERATOR MOUNTAINEER STATE ENERGY, INC. DESIGNATED AGENT JOHN KENT
ADDRESS P.O. BOX 27 SANDYVILLE, WV 25275-0027 ADDRESS P.O. BOX 27 SANDYVILLE, WV 25275-0027

APLIN-DUVALL WELL SITE WELL #351



DETAIL SKETCH



DESCRIPTION	EARTH WORK SUMMARY					
	CUT (CY)	FILL (CY)	SPOIL (CY)	BORROW (CY)	MAX SLOPE (%)	LENGTH OF SLOPE (FT)
PIT	91	-	91	-	N/A	N/A
ENTRANCE	16	530	-	514	5%	160
WELL PAD	2,808	2,008	800	-	N/A	N/A
TOTAL			891	514		

Elevation (ft)	Volume (Gallon)	Volume (Barrels)
992'	23,000	548
991'	17,000	405
990'	12,000	286
989'	8,000	190
988'	5,000	119
987'	2,000	48
986'	0	0

[Signature]
 RECEIVED
 Office of Oil and Gas
 AUG 02 2019



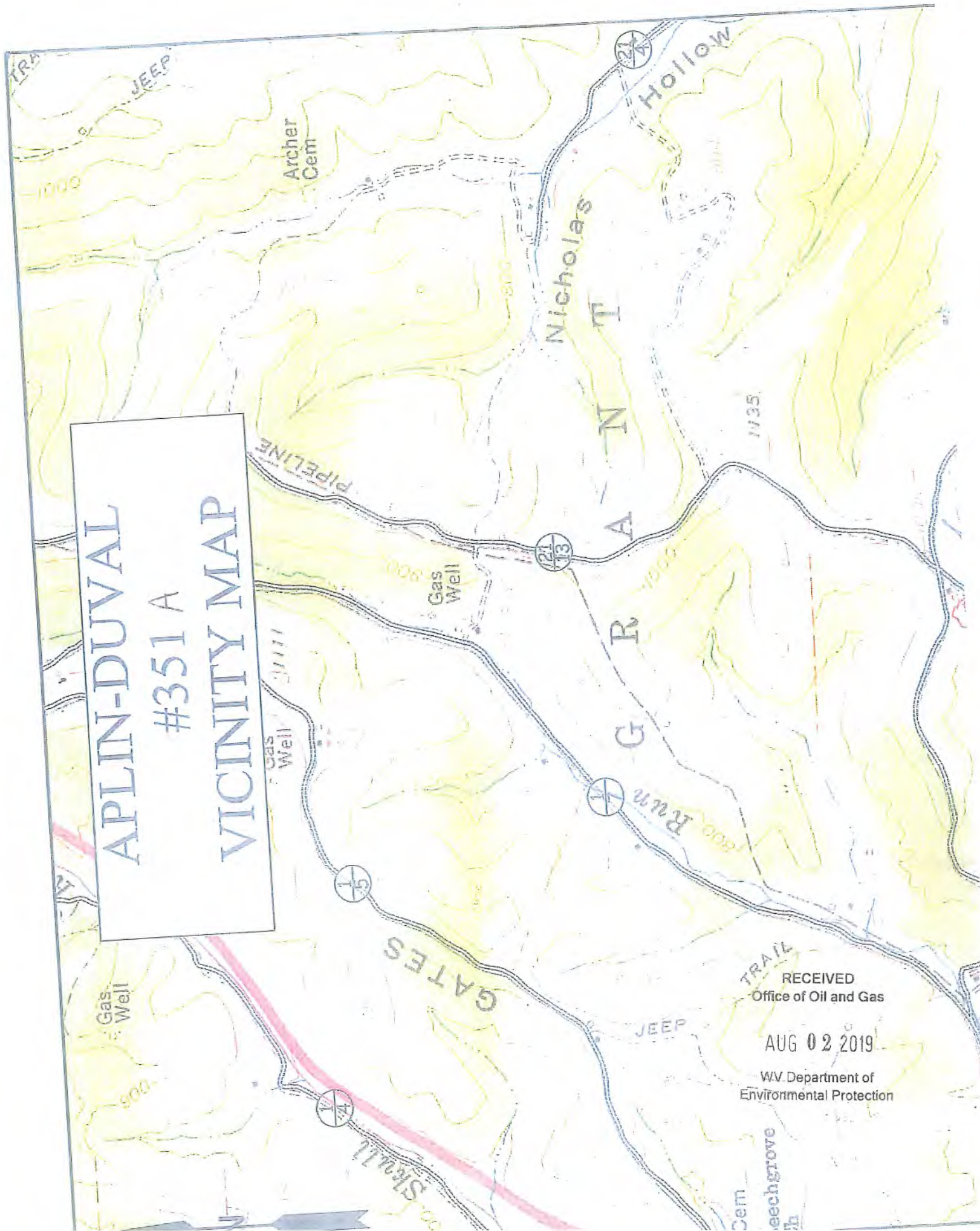
TOPO SECTIONS OF USGS
ROCKPORT
7.5' QUADRANGLES



DRAWN BY K.L.H	FILE NO. 8872	DATE 08-01-19	CADD FILE: 8872_FINALRECR1.DWG
-------------------	------------------	------------------	-----------------------------------

WV Department of
Environmental Protection

**APLIN-DUVAL
#351 A
VICINITY MAP**



RECEIVED
Office of Oil and Gas

AUG 02 2019

WV Department of
Environmental Protection

