



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT
PAGE 1 Surface Location

DEP USE ONLY	DEP Application Tracking #	G:
	Permit #	C:
	Project #	

DENOTES LOCATION OF TOP OF WELL ON TOPO MAP.		WELL IS LOCATED ON TOPO MAP <u>6,167</u> FEET SOUTH OF LATITUDE <u>N39°45'00"</u>	
N/F COASTAL FOREST RESOURCES CO. dba COASTAL TIMBERLANDS CO. 36-21-0048 (TRACT 1) DB 2799 PG 2431 COASTAL 2H TOP HOLE LAT: N39° 43' 59.34" LON: W79° 48' 03.25"			
WELL IS LOCATED ON TOPO MAP <u>2,600</u> FEET WEST OF LONGITUDE <u>W79°47'30"</u>			
COASTAL 2H TOP HOLE LOCATION LATITUDE: NORTH (NAD 83) N39° 43' 59.34" LONGITUDE: WEST (NAD 83) W79° 48' 03.25"			
LEGEND 			
THIS PLAN IS FOR WELL LOCATION PURPOSES AND IS NOT A BOUNDARY RETRACEMENT SURVEY. TIES TO PINS OR PIPES FOUND ARE FOR GAS WELL RE-LOCATION ONLY. PARCEL DATA AND TOPOGRAPHIC FEATURES TAKEN FROM COUNTY TAX DATA, AVAILABLE GIS AND PASDA IMAGERY. PROPOSED WELL REFERENCE TIES ARE FROM ACTUAL FIELD SURVEY.			
Applicant / Well Operator Name: INR OPERATING LLC		DEP ID #: 341759	Well (Farm) Name: COASTAL
Address: 2605 CRANBERRY SQUARE MORGANTOWN, WV 26508		County: FAYETTE	Municipality: SPRINGHILL TWP.
911 address of well site: 2444 SPRINGHILL FURNACE ROAD LAKE LYNN, PA 15451		USGS 7½' Quadrangle Map Name: LAKE LYNN, PA-WV	Well #: 2H Serial #: Well Type: GAS/UNCONVENTIONAL
Surveyor or Engineer: ARM GROUP LLC MICHAEL DEAN RACE, P.E. PE083105		Phone #: (814) 272-0455	Dwg #: COASTAL 2H 3702.dwg <small>(If Noting Noted on Plans, Please Refer to the Noting on the Plans)</small>
Date: AUGUST 2020		Scale: 1" = 1500'	Tract Acreage: +/- 4,378 ACRES
Lat. & Long Metadata Method: GPS	Accuracy: ±3 FT	Datum: NAD 83	Elevation Metadata Method: PA LIDAR
Accuracy: ±5 FT		Datum: NAVD 88	Survey Date: MARCH 2019

WELL LOCATION PLAT

Page 2 Notifications

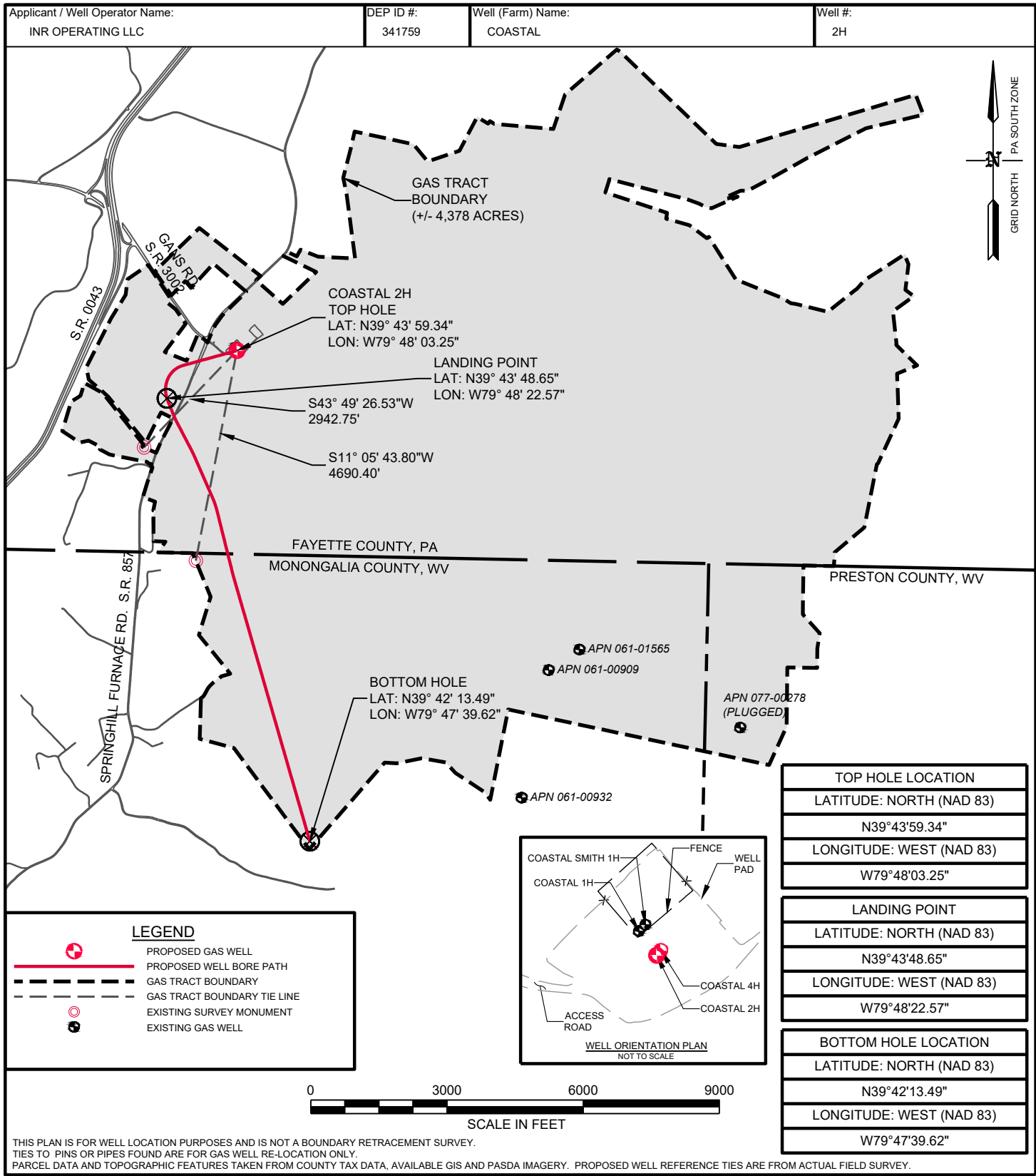
DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

[illegible]

WELL LOCATION PLAT

Page 3 Plan View of Deviated Well Bore

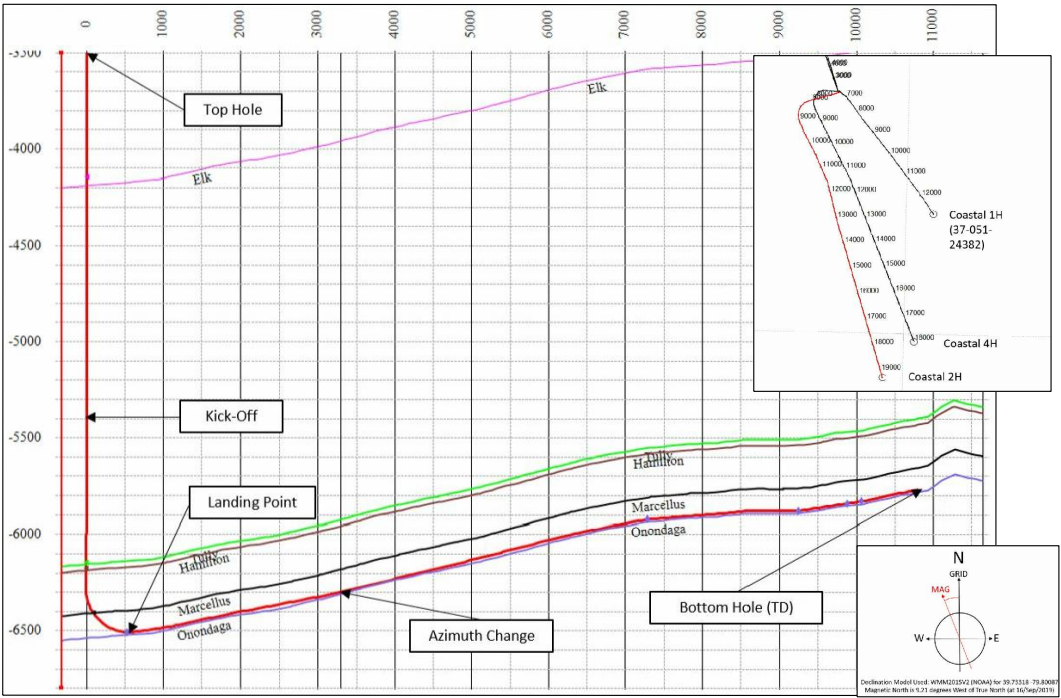
If well has a lateral other than vertical show the bottom hole location on the plat drawing as ⊗ and include the Coordinates in the provided section at the bottom of the drawing area. The top hole and bottom hole locations are to be connected by a bolded line this is to depict the proposed courses of the actual wellbore to be drilled.



WELL LOCATION PLAT
Page 4 Cross Section

Applicant / Well Operator Name: INR OPERATING LLC	DEP ID #: 341759	Well (Farm) Name: COASTAL	Well #: 2H
WELL PLAN			DEP Use Only Permit #:

INR Coastal 2H	MD'	TVD'	Subsea'	N/S Offset'	E/W Offset'	Latitude	Longitude	Indination	Azimuth
Surface Hole	0.00	0.00	1127.00	0.00	0.00	39.73315	-79.800902	0	358.67
Kick-Off	6500.00	6500.00	-5373.00	-0.05	-0.17	39.73315	-79.800903	1.44	253.23
Landing Point	9050.00	7633.33	-6506.33	-1082.07	-1509.71	39.73018	-79.80627	91.44	160.86
Azimuth Change	11770.20	7424.24	-6297.24	-3530.63	-352.36	39.723458	-79.802155	95.49	164.64
Bottom Hole (TD)	19303.07	6895.62	-5768.62	-10710.74	1846.88	39.703747	-79.794338	93.94	162.68



SCALE: 1" = 1000'

NOTE: HORIZONTAL WELL BORE DOES NOT PENETRATE ONONDAGA.