



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>6,156</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 4H TOP HOLE LAT: N39° 43' 59.45" LON: W79° 48' 03.13"			
WELL PAD ACCESS ROAD			
RUBLES RUN S.R. 0043 S.R. 3002 SPRINGHILL FURNACE RD S.R. 857			
COASTAL 4H TOP HOLE LOCATION LATITUDE: NORTH (NAD 83) N39° 43' 59.45" LONGITUDE: WEST (NAD 83) W79° 48' 03.13"			
FAYETTE COUNTY, PA MONONGALIA COUNTY, WV			
LEGEND PROPOSED GAS WELL EXISTING WATER WELL PARCEL DESIGNATION (SEE PAGE 2) TAX PARCEL LINES SURVEYED PROPERTY LINE EXISTING STREAM			
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	
Address: 2605 CRANBERRY SQUARE MORGANTOWN, WV 26508		Well (Farm) Name: COASTAL	
911 address of well site: 2444 SPRINGHILL FURNACE ROAD LAKE LYNN, PA 15451		Well #: 4H	
County: FAYETTE		Serial #: 	
Municipality: SPRINGHILL TWP.		Well Type: GAS/UNCONVENTIONAL	
USGS 7½' Quadrangle Map Name: LAKE LYNN, PA-WV		Map Section: 2	
Surface Elevation: 1127'			
Surveyor or Engineer: ARM GROUP LLC MICHAEL DEAN RACE, P.E. PE083105		Phone #: (814) 272-0455	
Dwg #: COASTAL 4H 3702.dwg <small>P:\Industry\Natural Resources\WV\2019\3-24-20\COASTAL 4H 3702.dwg</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

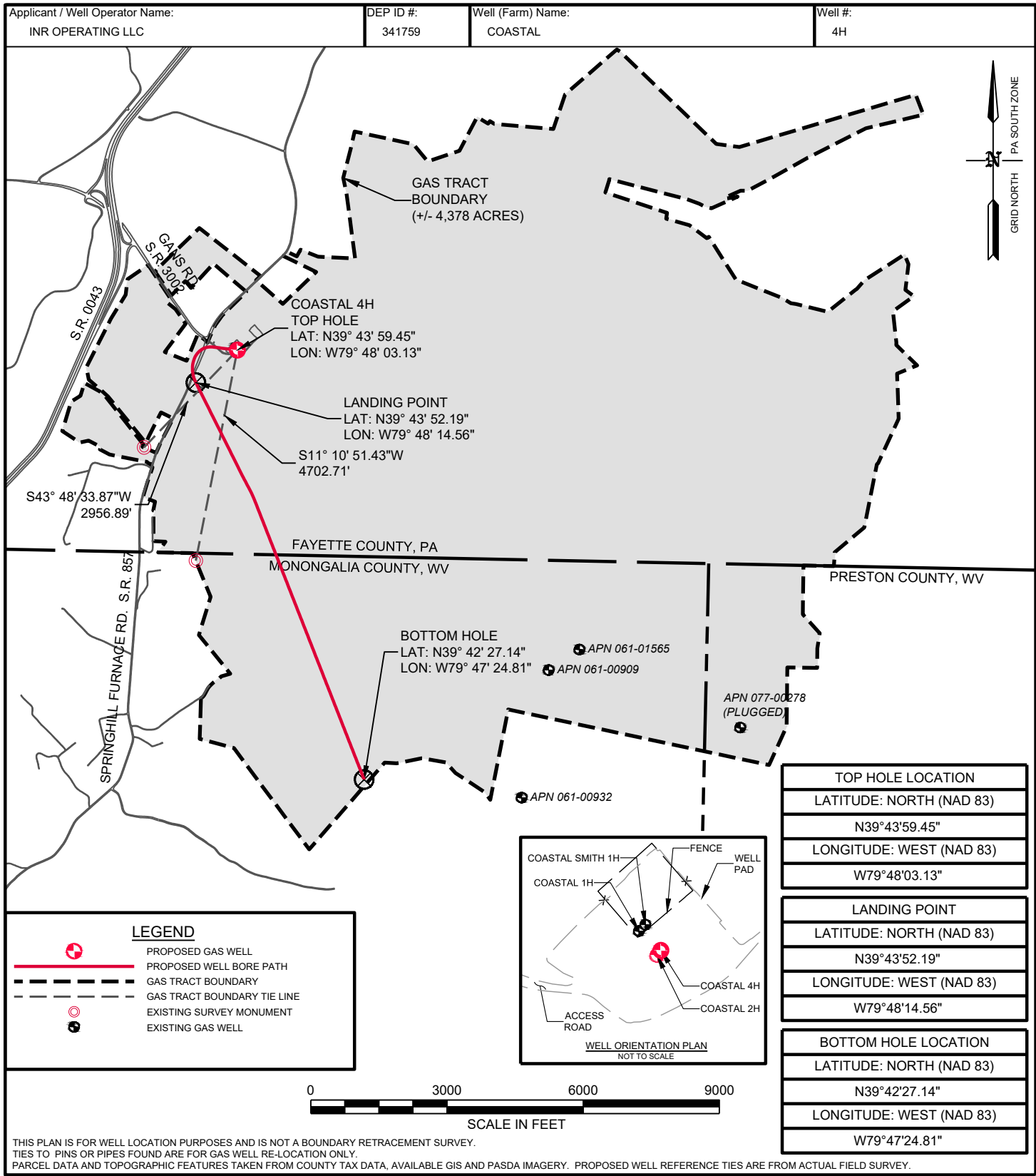
DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is 1-866-255-5158.

[illegible]

WELL LOCATION PLAT

Page 3 Plan View of Deviated Well Bore

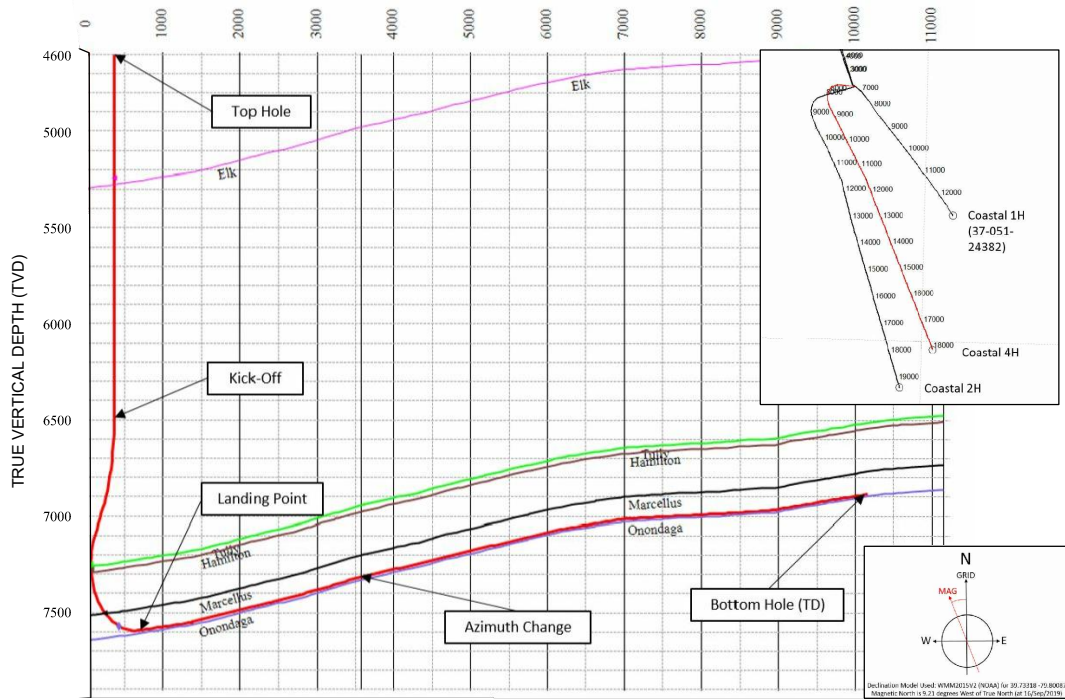
If well has a lateral other than vertical show the bottom hole location on the plat drawing as ⊗ and include the Coordinates in the provided section at the bottom of the drawing area. The top hole and bottom hole locations are to be connected by a bolded line this is to depict the proposed courses of 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 #: 4H
WELL PLAN			DEP Use Only Permit #:

INR Coastal 4H	MD'	TVD'	Subsea'	N/S Offset'	E/W Offset'	Latitude	Longitude	Inclination	Azimuth
Surface Hole	0.00	0.00	1127.00	0.00	0.00	39.73318	-79.80087	0	0
Kick-Off	6500.00	6500.00	-5373.00	0.07	-0.62	39.73318	-79.800872	2.67	275.77
Landing Point	8571.90	7619.26	-6492.26	-733.87	-892.85	39.731165	-79.804044	93.57	152.1
Azimuth Change	11456.21	7341.35	-6214.35	-3270.28	449.87	39.724202	-79.799271	95.51	157.25
Bottom Hole (TD)	18055.35	6910.77	-5783.77	-9340.40	2995.02	39.707539	-79.790225	93.93	157.25



SCALE: 1" = 1000'

NOTE: HORIZONTAL WELL BORE DOES NOT PENETRATE ONONDAGA.