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8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
WELL LOCATION FORM: GPS

API: 47-033-00395 WELL NO.: Crawford #4

FARM NAME: Crawford, L.L.

RESPONSIBLE PARTY NAME: EXCO Resources (PA), LLC

COUNTY: Harrison DISTRICT: Elk

QUADRANGLE: Phillipi

SURFACE OWNER: John & Cathy Tomasic

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4333992.02 m

UTM GPS EASTING: 565334.59 m GPS ELEVATION: 321.55 m

/ 1054.95'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:  
Survey grade GPS \_\_\_\_\_: Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

Mapping Grade GPS X: Post Processed Differential \_\_\_\_\_  
Real-Time Differential X \_\_\_\_\_

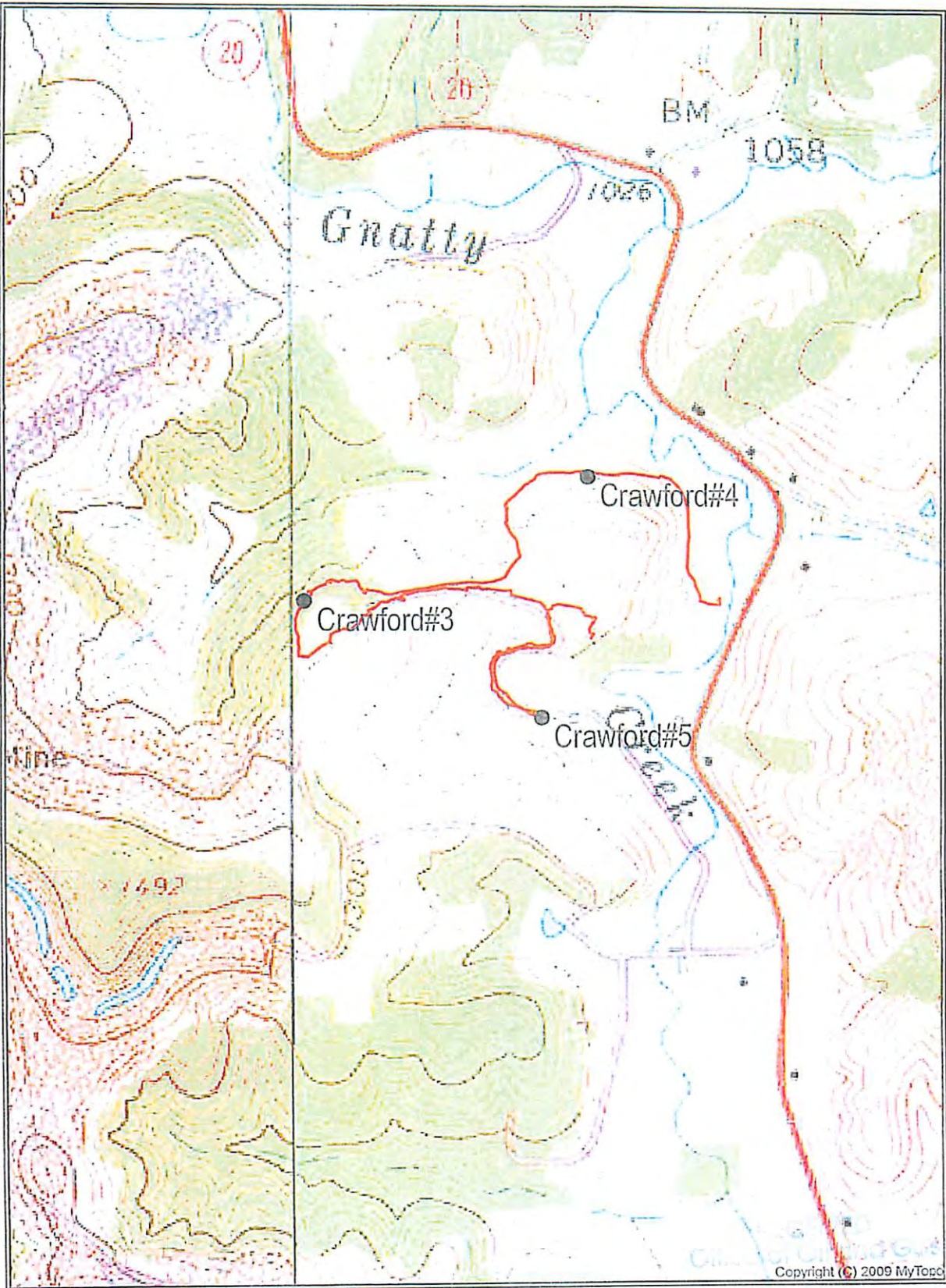
4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

[Signature]  
Signature

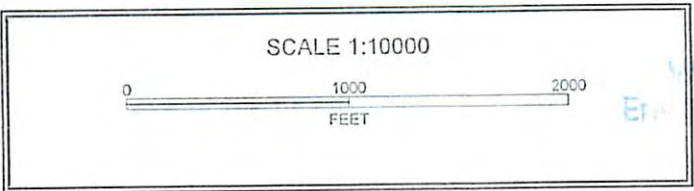
Construction Specialist I  
Title

2-20-13  
Date



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JAN 31 2013



Environmental  
Engineering