



Using Lat/Long with GeoCommunicator to bring up the Identify tool

GeoCommunicator allows users to use the Identify in NILS' GeoCommunicator by passing latitude and longitude values. This function allows others to add the GeoCommunicator Identifier to their own application. The Identify Tool will give you the land description of the selected area and information about the authorizations on the land, as well as links to LR2000 reports. The Search and Zoom features will not work in your application. The procedure below gives a detailed explanation on how to bring up the GeoCommunicator Identify window by passing latitude and longitude coordinates.

1. Connect to Geocommunicator identify tool at: <http://www.geocommunicator.gov/blmMap/identify.jsp>
2. Add the minimum latitude value by adding **?iXmin=Coordinate** after identify.jsp on the hyperlink.
3. Add the minimum longitude value by adding **?iYmin=Coordinate** after the min latitude coordinate.
4. Add the maximum latitude value by adding **?iXmax=Coordinate** after the min longitude coordinate.
5. Add the maximum longitude value by adding **?iYmax=Coordinate** after the max latitude coordinate.
6. Hit enter to search NILS for reports in the coordinates specified.

Maximum and minimum values cannot be equal because the minimum bounding rectangle cannot equal a single point. To avoid having the maximum and minimum term be considered equal add one more decimal place to either term.

Example: If minimum latitude is -107.56551, max latitude is -107.56554, min longitude is 40.59551 and the max longitude is 40.59554 then:

<http://www.geocommunicator.gov/blmMap/identify.jsp?tabset=energy&iXmin=-107.565277&iYmin=40.595278&iXmax=-107.565278&iYmax=40.595279>

Note: To convert coordinates from Universal Transverse Mercator to latitude and longitude use NILS GeoCommunicator Lat/Long Search tool and display for conversion.

The Identify window provides the oil and gas leases with links to the serial register page, land description (PLSS tab), surface management agency (Surface management tab) and much more.

The screenshot shows the 'Identify' tool interface in Internet Explorer. The address bar contains the URL: <http://www.geocommunicator.gov/blmMap/identify.jsp?tabset=energy&iXmin=-107.565277&iYmin=40.595278&iXmax=-107.565278&iYmax=40.595279>. The interface includes various tabs for data categories like Oil and Gas, Stipulations, OG Density, Coal, Geothermal, Rangeland, ROW, Wind, Solar, Cases, PLSS, Surface Management, Subsurface, Boundaries, Land Status, and Plats. Below the tabs, it displays 'Identify Source: Latitude/Longitude= 40.595279, -107.565277' and 'Oil & Gas Leases : 1 results'. A table shows one active lease with details like Lease Name, Stored Acreage, Serial #, Case Type, and Case Disposition. Below this, it shows 'Oil & Gas Leases (Closed) : 3 results' with a table of three closed leases.

Zoom To	Select	Reports	More Info	Lease Name	Stored Acreage	Serial # (Full)	Case Type	Case Disposition	Cor
<input type="checkbox"/>	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,781.160	COC 065172	O&G LSE COMP PD -1987(312021)	Authorized(5)	OIL 8

Zoom To	Select	Reports	More Info	Lease Name	Stored Acreage	Serial # (Full)	Case Type	Case Disposition	Cor
<input type="checkbox"/>	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,041.010	COC 022809	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	OI
<input type="checkbox"/>	<input type="checkbox"/>	LR2000 CR Report	More Info	*	961.420	COC 043254	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	OI
<input type="checkbox"/>	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,249.320	COC 0124915	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	OI

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