



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS** 4 *Suez*

API: 47-085-80549 WELL NO.: Ireland # 1

FARM NAME: Woody Ireland

RESPONSIBLE PARTY NAME: WVDEP

COUNTY: Ritchie DISTRICT: Union

QUADRANGLE: Pullman

SURFACE OWNER: Woody Ireland

ROYALTY OWNER: Same

UTM GPS NORTHING: 39 09 38.04

UTM GPS EASTING: 80 54 07.15 GPS ELEVATION: @ 770

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       : Post Processed Differential         
Real-Time Differential       

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

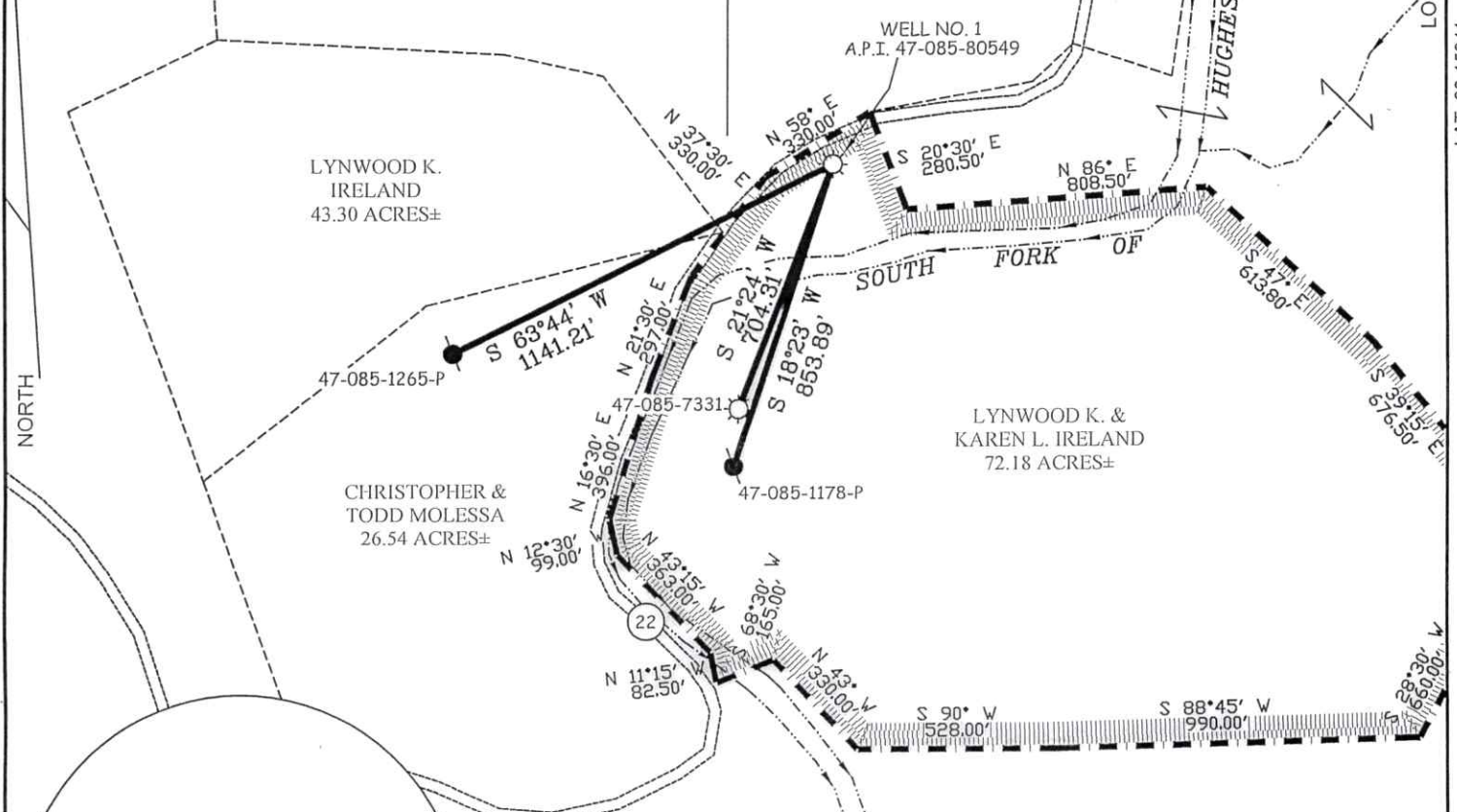
I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Rod Dillon  
Signature

Inspector  
Title

Date 8/18/08

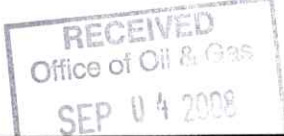
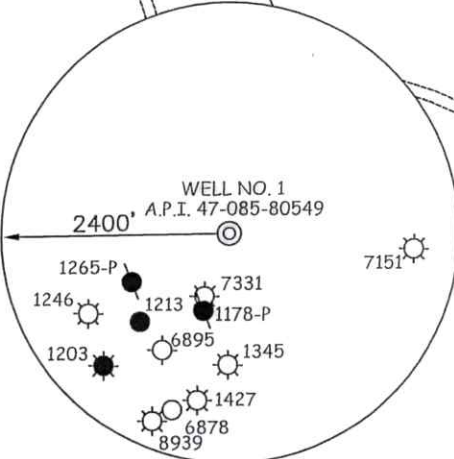
# IRELAND LEASE 72.18 ACRES± WELL NO. 1 A.P.I. 47-085-80549



### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 218 PAGE 365.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2008.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

WELL NO. 1  
A.P.I. 47-085-80549  
STATE PLANE  
COORDINATES  
(N) 243,274  
(E) 1,602,337



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. 677  
*Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE SEPTEMBER 02, 20 08  
OPERATORS WELL NO. IRELAND #1  
API WELL NO. 47-085-09757  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6942P1 (265-79)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

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

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

LOCATION: ELEVATION 773' WATERSHED SOUTH FORK OF HUGHES RIVER  
DISTRICT UNION COUNTY RITCHIE QUADRANGLE PULLMAN 7.5'

SURFACE OWNER LYNWOOD K. & KAREN L. IRELAND ACREAGE 72.18±  
ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
PROPOSED WORK: LEASE NO. \_\_\_\_\_  
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 \_\_\_\_\_  
ESTIMATED DEPTH \_\_\_\_\_

WELL OPERATOR WVDEP OFFICE OF OIL & GAS DESIGNATED AGENT DAVE BELCHER  
ADDRESS 601 57TH STREET ADDRESS 601 57TH STREET  
CHARLESTON, WV 25301 CHARLESTON, WV 25301