

1502684A

WW-7  
8-30-06



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

API: 47-015-2684 WELL NO.: 1

FARM NAME: Ralph Butler

RESPONSIBLE PARTY NAME: Energy Corporation of America

COUNTY: Clay DISTRICT: Otter

QUADRANGLE: Ivydale 7.5'

SURFACE OWNER: Ralph C. Butler et al

ROYALTY OWNER: Ralph C. Butler et al

UTM GPS NORTHING: 4,271,397

UTM GPS EASTING: 499,226 GPS ELEVATION: 914'

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:

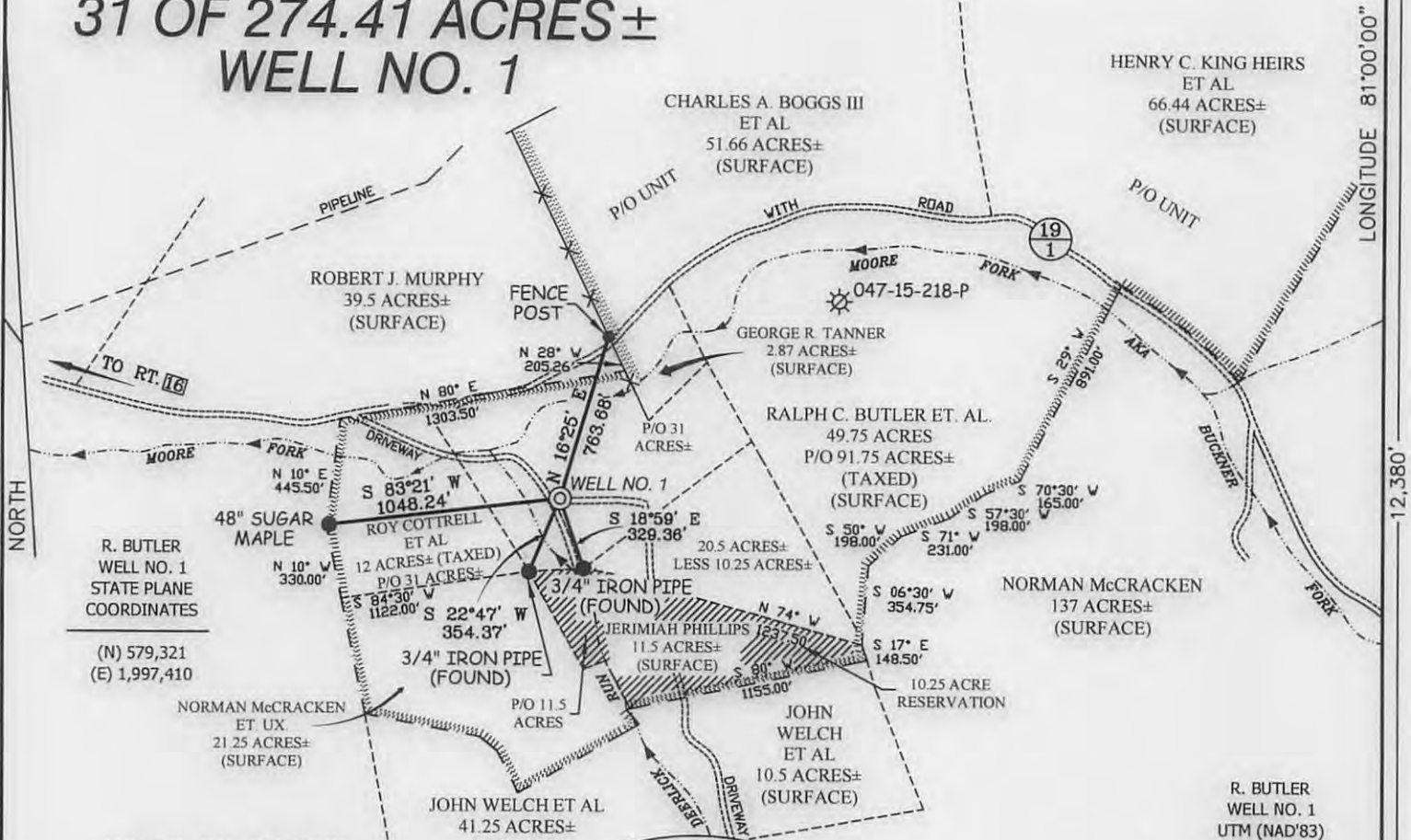
- 1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
- 2. Accuracy to Datum - 3.05 meters
- 3. Data Collection Method:
  - Survey grade GPS  Post Processed Differential
  - Real-Time Differential
  - Mapping Grade GPS  Post Processed Differential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

Gregory A. Smith  
Gregory A. Smith, P. S. 677 - Smith Land Surveying, Inc.

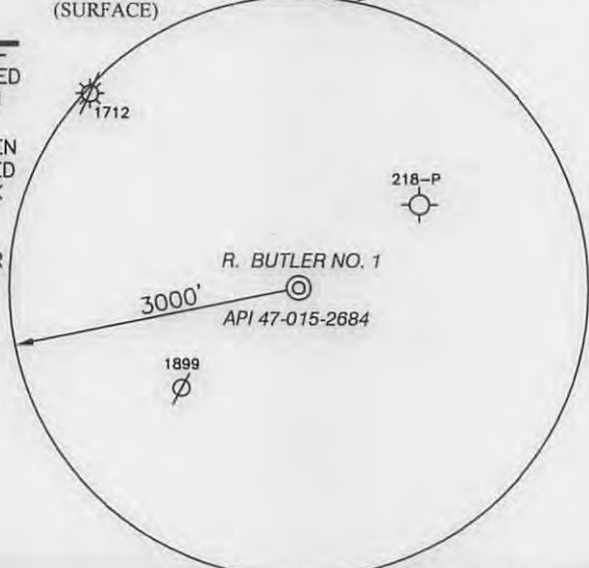
May 29, 2013  
Date

# R. BUTLER LEASE 31 OF 274.41 ACRES± WELL NO. 1



### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 156 AT PAGE 280, DEED BOOK 42 AT PAGE 248, AND DEED BOOK 173 AT PAGE 336.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF CLAY COUNTY IN JULY, 2012.
4. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



R. BUTLER  
WELL NO. 1  
UTM (NAD'83)  
COORDINATES  
(METERS)  
(N) 4,271,397  
(E) 499,226



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 MAY 23, 20 13  
OPERATORS WELL NO. R. BUTLER NO. 1  
API WELL NO. 47-015-02684  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8056P1M(143-2)  
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1"=800'

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 914' WATERSHED DEERLICK RUN OF MOORE FORK  
DISTRICT OTTER COUNTY CLAY QUADRANGLE IVYDALE 7.5'  
SURFACE OWNER RALPH C. BUTLER ET AL (TAXED P/O 91.75 AC.) ACREAGE RESIDUE OF 31±  
ROYALTY OWNER RALPH C. BUTLER ET AL LEASE ACREAGE 31 OF 274.41±  
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 KNOX  
ESTIMATED DEPTH 12,000

WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS  
ADDRESS 501 56TH STREET S.E. CHARLESTON, WV 25304 ADDRESS 501 56th STREET S.E. CHARLESTON, WV 25304

06/14/2013