

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-045-01356 WELL NO.: 216301

FARM NAME: Island Creek Coal Co. D108

RESPONSIBLE PARTY NAME: Alliance Petroleum Corporation, LLC

COUNTY: Logan DISTRICT: Island Creek

QUADRANGLE: Holden 7.5'

SURFACE OWNER: Heartwood Forestland Group

ROYALTY OWNER: Island Creek Coal Company

UTM GPS NORTHING: 4,184,452.27 m (1397')

UTM GPS EASTING: 403,843.99 m GPS ELEVATION: 425.78 m

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 X
Real-Time Differential _____

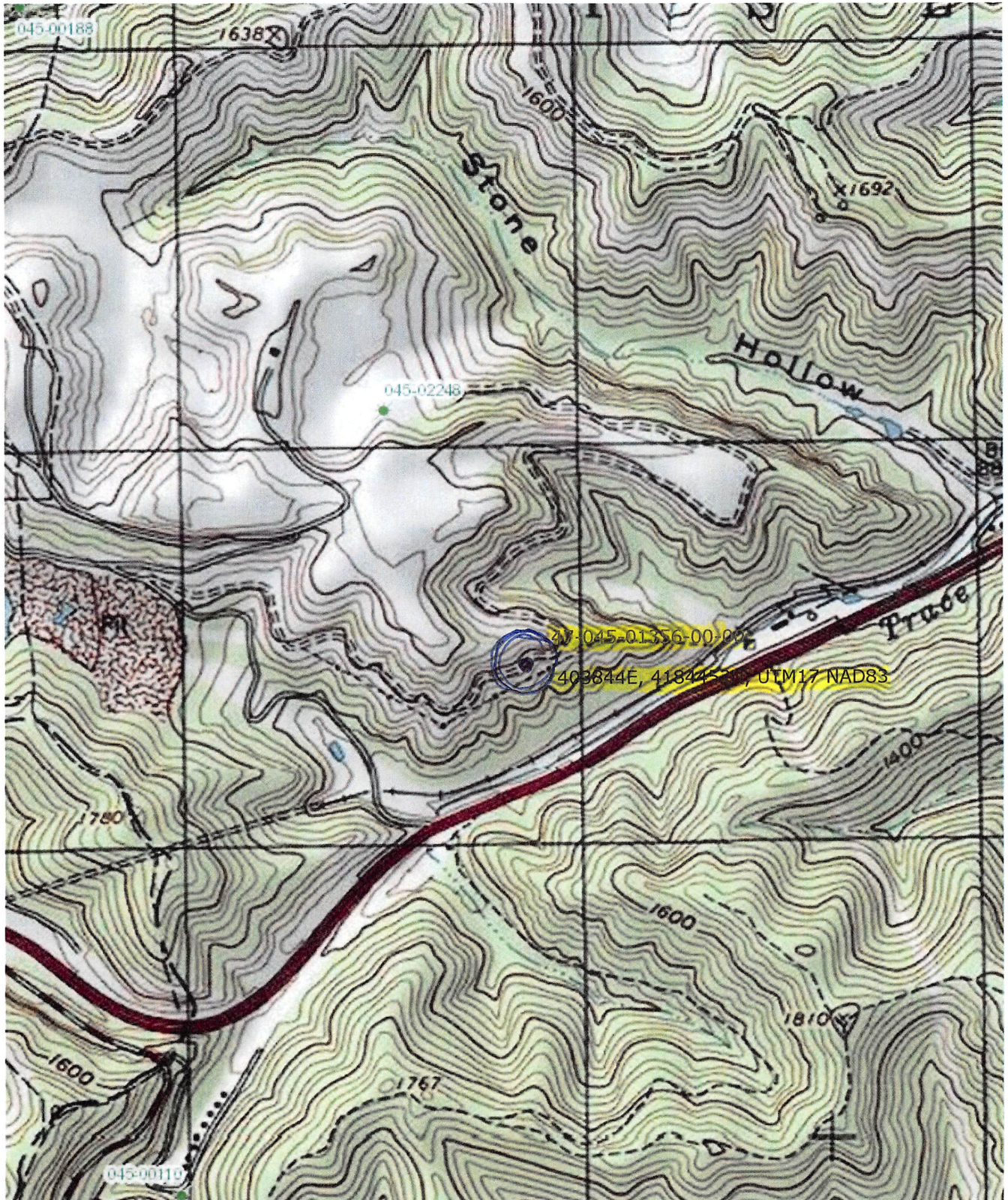
4. Letter size copy of the topography map showing the well location.

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.

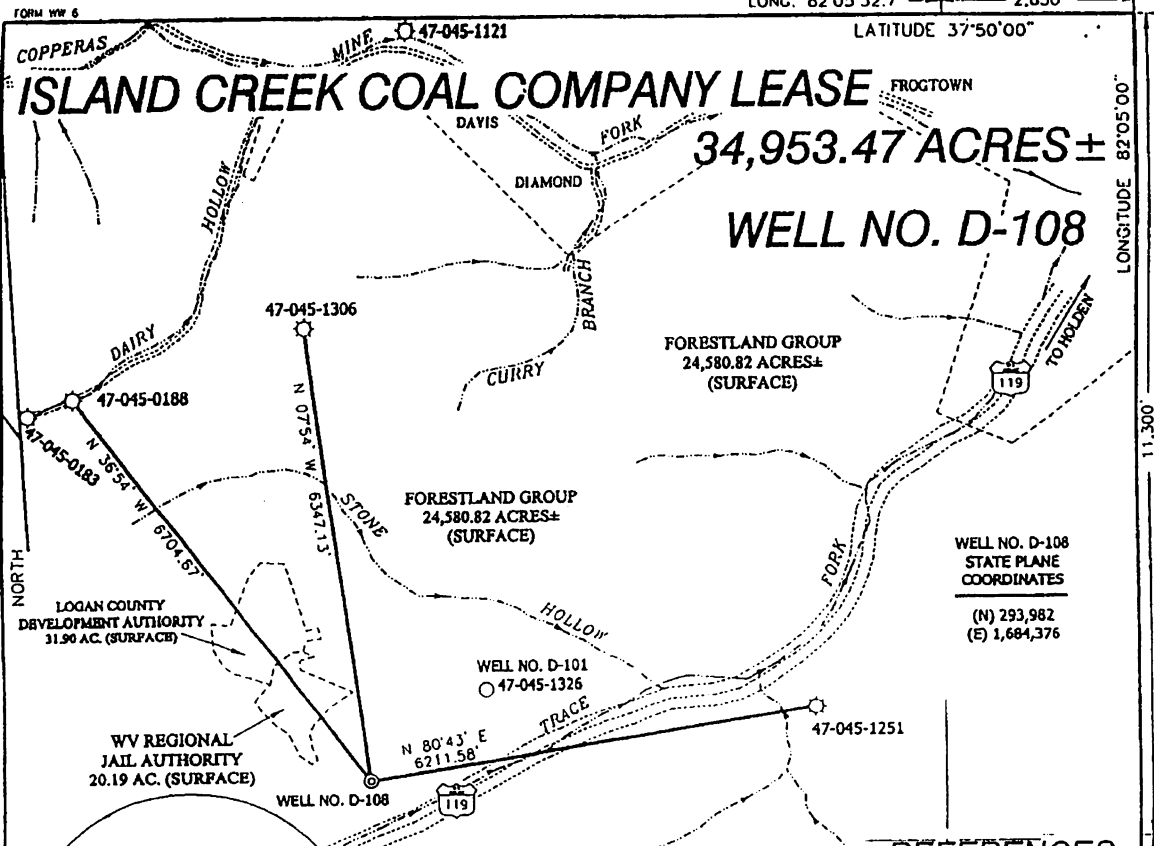
[Signature]
Signature

Engineer III
Title

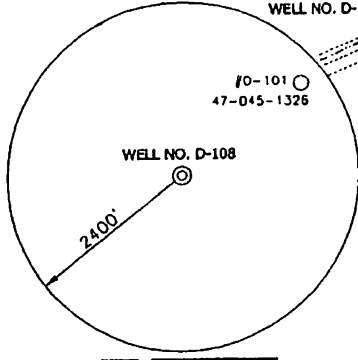
5/14/19
Date



47-045-01356P



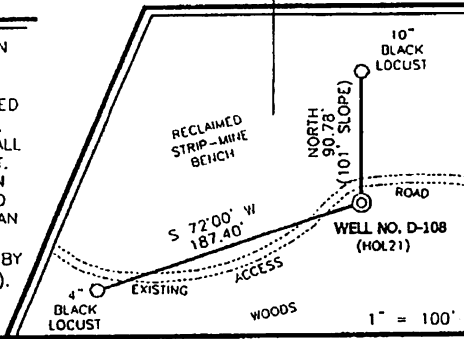
WELL NO. D-108
STATE PLANE
COORDINATES
(N) 293,982
(E) 1,684,376



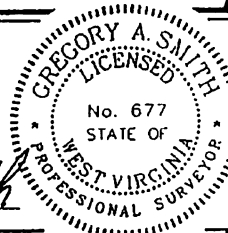
NOTES ON SURVEY

1. TIES TO WELLS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01/06/00.
3. LEASE BOUNDARY DOES NOT FALL WITHIN THE SCOPE OF THIS PLAT.
4. SURFACE OWNER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF LOGAN COUNTY IN MARCH, 1999.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

REFERENCES



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 DEPARTMENT OF ENERGY.



P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON LIMITED STATES TOPOGRAPHIC MAPS.
DATE JANUARY 17, 20 00
OPERATORS WELL NO. ISLAND CREEK#D-108
API WELL NO. 47-045-01356
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 3890PD108 (84-36)
PROVEN SOURCE OF ELEVATION CABIN HILL TRIANGULATION STATION ELEV. 1844'
SCALE 1" = 2000'

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



RECEIVED
Office of Oil and Gas
MAY 10 2019

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

LOCATION : ELEVATION 1397' WATERSHED TRACE FORK OF COPPERAS MINE FORK OF ISLAND CREEK
DISTRICT ISLAND CREEK COUNTY LOGAN QUADRANGLE HOLDEN 7.5'
SURFACE OWNER FORESTLAND GROUP ACREAGE 24,580.82
ROYALTY OWNER ISLAND CREEK COAL COMPANY LEASE ACREAGE 34,953.47
PROPOSED WORK : LEASE NO. 80662
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 DEVONIAN SHALE ESTIMATED DEPTH 5100'

WELL OPERATOR EASTERN STATES OIL AND GAS, INC. DESIGNATED AGENT ROBERT ALLEY
ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328 ADDRESS P.O. BOX 2347 CHARLESTON, WV 25328

WV Department of Environmental Protection
COUNTY NAME LOGAN
PERMIT 1356