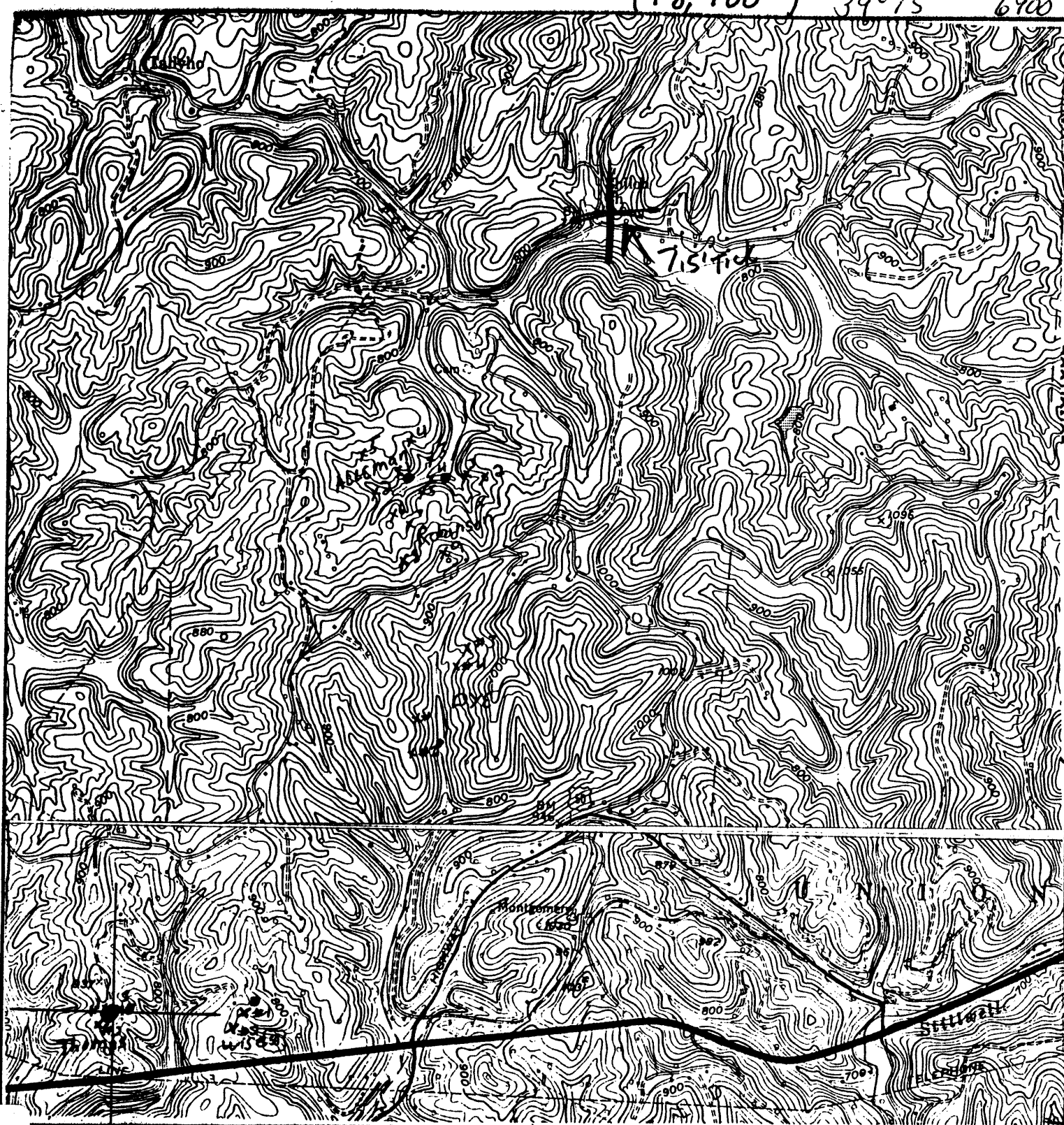


81° 26' 29" (18,900') 39° 15' 6900'



81° 25' 2780' 39° 14' 31" (142,950')

FILE NO. _____
 DRAWING NO. _____
 SCALE _____
 MINIMUM DEGREE OF ACCURACY _____
 PROVEN SOURCE OF ELEVATION _____

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.
 (SIGNED) BJ McCallough
 R.P.E. _____ L.L.S. _____

0.535 = 7.5'
 1.31W
 0.535 = 1.5'
 1.31W
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS



DATE 21 DEC, 19 92
 OPERATOR'S WELL NO. 3
 API WELL NO. 47 107 1541-W
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 850 WATER SHED left fork still well creek
 DISTRICT CLAY COUNTY WOOD
 QUADRANGLE KANAWHA Elizabeth (NW) 15'
 SURFACE OWNER BOYD BAKER ACREAGE _____
 OIL & GAS ROYALTY OWNER HARLEY & LUCILLE RASEL LEASE ACREAGE 126.7
 LEASE NO. 8

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ PRODUCE EXISTING _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION COW RUN SAND ESTIMATED DEPTH 1140
 WELL OPERATOR **BLACK DIAMOND OIL INDUSTRIES** DESIGNATED AGENT
 ADDRESS 1505 LIBERTY STREET PARKERSBURG, WV 26101 ADDRESS _____

COUNTY NAME PERMIT

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

WELL REGISTER ASSIGNMENT

This API Number 47-107-01541, issued to BLACK DIAMOND OIL, INC. is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is GLEN ROBINSON -
304-863-8766.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: HARLEY RASEL 3

Farm Name: BAKER, BOYD

API Well Number : 47-107-01541 N

Date Issued : 12/07/93