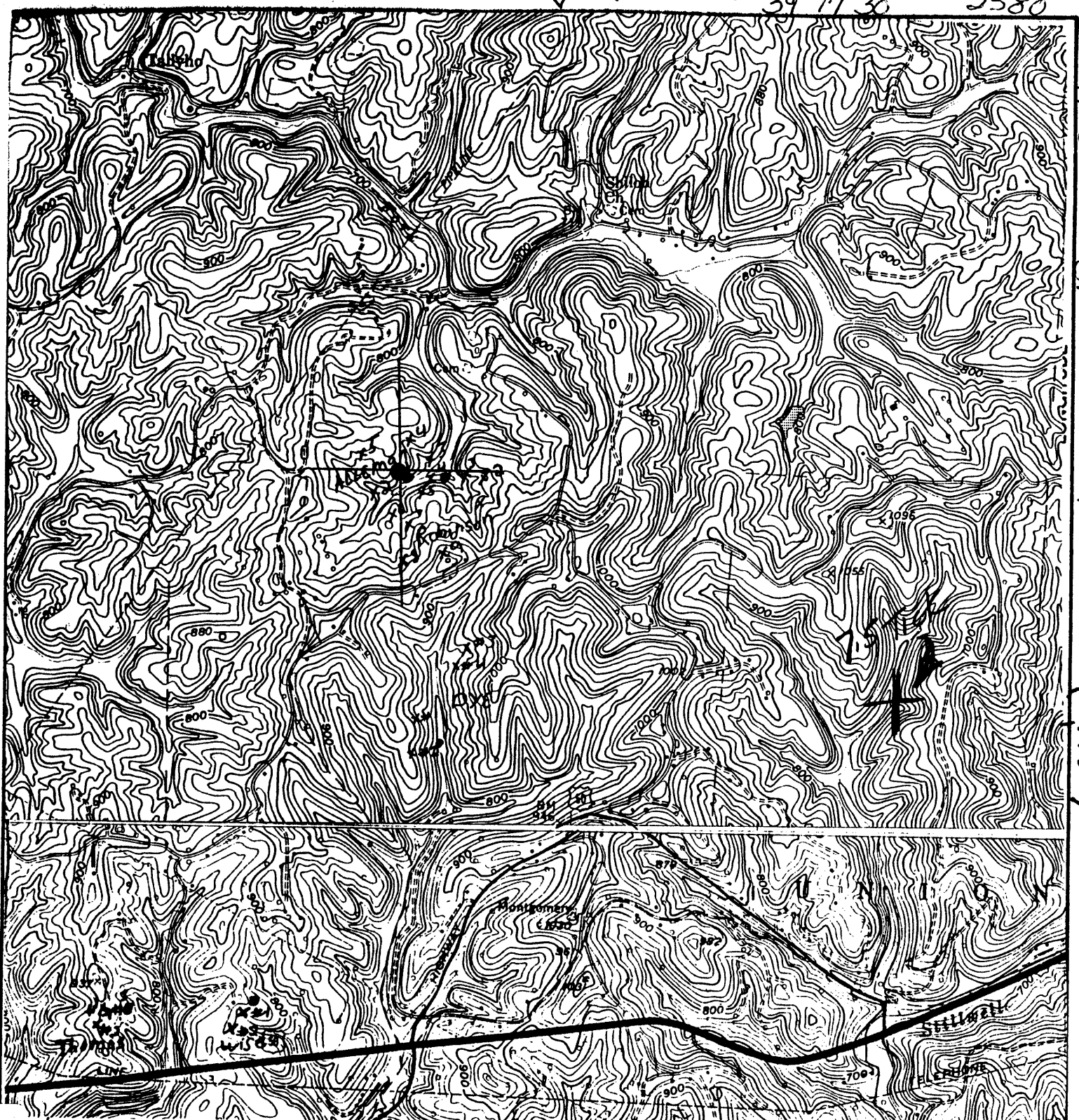


81° 25' 32" (14300')

39° 17' 30"

2580'

9450'  
81° 25'  
39° 17' 30"  
(5775')



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) B.M. Cullough  
R.P.E. \_\_\_\_\_ L.L.S. \_\_\_\_\_

1.885 = 7.5  
0.49W  
4.765  
0.49W = 15'  
PLACE SEAL HERE

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



DATE 21 DEC, 1992  
OPERATOR'S WELL NO. 1  
API WELL NO. 47 107 1544-N  
STATE COUNTY PERMIT

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
(IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
LOCATION: ELEVATION 840 WATERSHED LAUREL CREEK  
DISTRICT UNION COUNTY WOOD  
QUADRANGLE VALLEY MILLS 649 Marionette (SW) 15'  
SURFACE OWNER BLAINE MACKEY ACREAGE \_\_\_\_\_  
OIL & GAS ROYALTY OWNER ALLMAN HEIRS LEASE ACREAGE 80

LEASE NO. 4  
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 1075  
WELL OPERATOR BLACK DIAMOND OIL INC. DESIGNATED AGENT \_\_\_\_\_  
ADDRESS 1008 LIBERTY STREET ADDRESS \_\_\_\_\_  
MARTINSBURG, WV 26101

COUNTY NAME  
PERMIT

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

WELL REGISTER ASSIGNMENT

This API Number 47-107-01544, 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: ALLMAN HEIRS 1

Farm Name: MACKEY, BLAINE

API Well Number : 47-107-01544 N

Date Issued : 12/07/93