

LONG. 81° 29' 21.9"

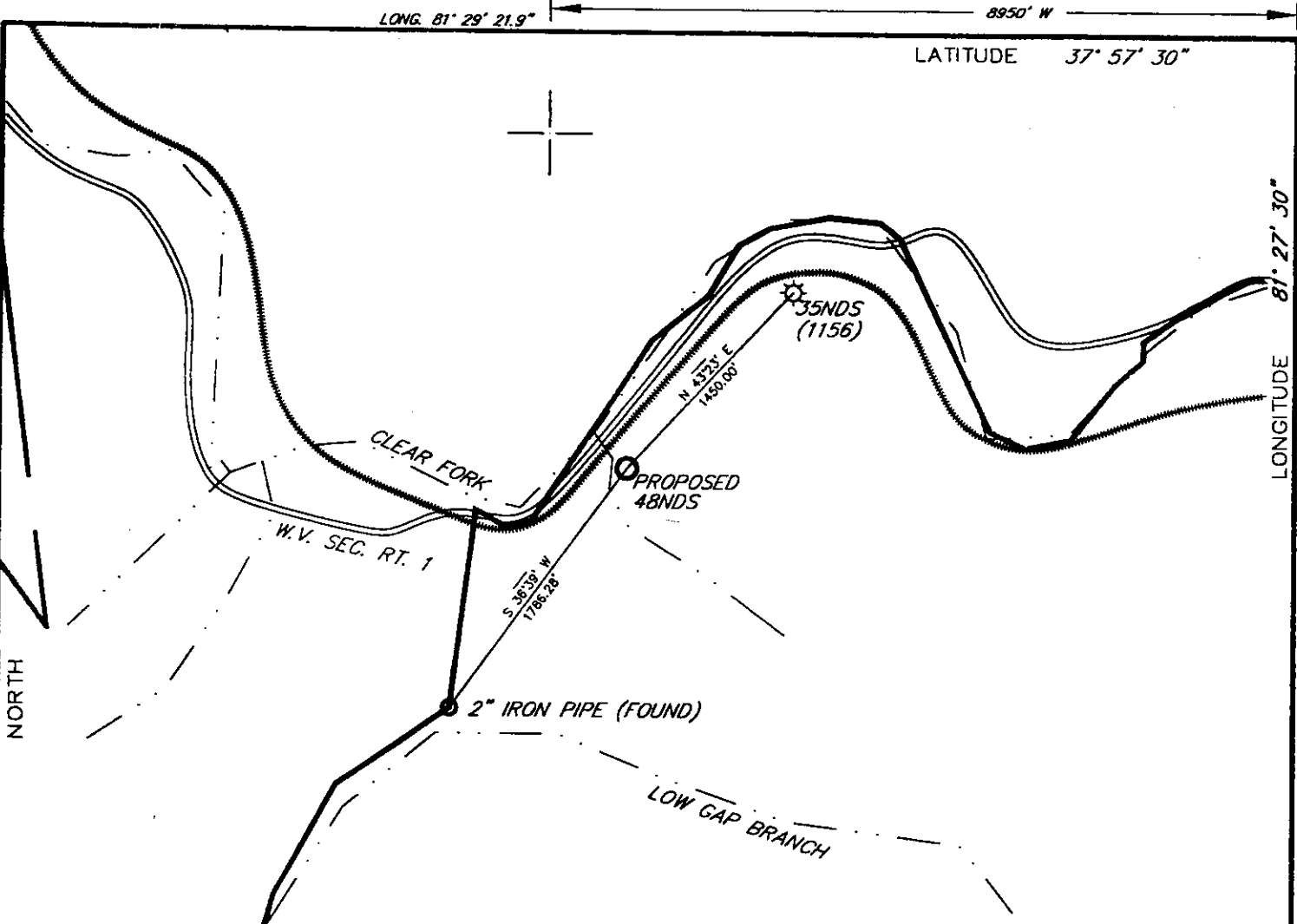
8950' W

LATITUDE 37° 57' 30"

LONGITUDE 81° 27' 30"

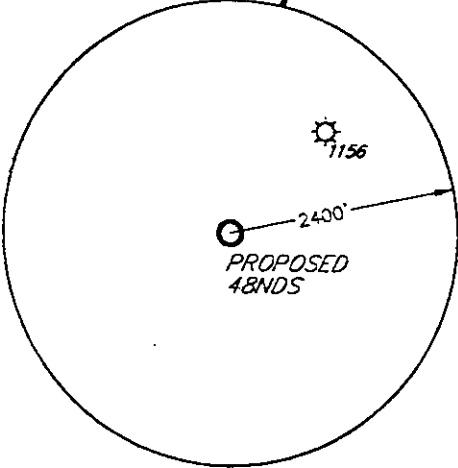
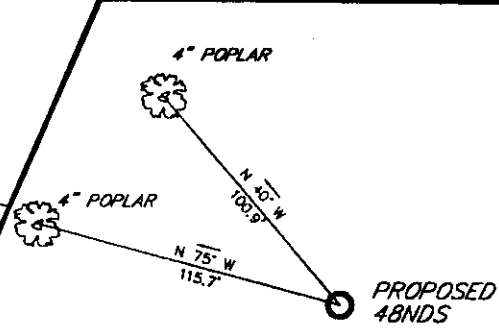
S. 0008  
LAT. 45' 37" 147

NORTH



NAD '27 WV STATE  
PLANE  
COORDINATES  
N. 348158  
E. 1858891  
LAT. 37°-57'-18.5"  
LONG. 81°-29'-21.9"

**REFERENCES**



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 07021  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY 1 : 2500  
PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 ENVIRONMENTAL PROTECTION  
(SIGNED) \_\_\_\_\_  
R.P.E. \_\_\_\_\_ I.L.S. 1956

PLACE SEAL HERE

**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**



DATE APRIL 12, 2007  
OPERATOR'S WELL NO. 48NDS  
API WELL NO. 47-081-01437  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE X DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 948.1 WATERSHED CLEAR FORK  
DISTRICT MARSH FORK COUNTY RALEIGH  
QUADRANGLE DOROTHY

SURFACE OWNER WESTERN POCAHONTAS PROPERTIES L.P. ACREAGE 27236.96  
OIL & GAS ROYALTY OWNER ENERGEN RESOURCES CORP. LEASE ACREAGE 27236.96  
LEASE NO. \_\_\_\_\_

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

JUN 08 2007  
PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION B.L.M. WR. GORD. SHALE ESTIMATED DEPTH 4650 FT.  
WELL OPERATOR NORTH COAST ENERGY EASTERN INC. DESIGNATED AGENT DAVID L. COX  
ADDRESS P.O. BOX 8 ADDRESS P.O. BOX 8  
RAVENSWOOD, WV 26164 RAVENSWOOD, WV 26164

COUNTY NAME  
PERMIT

RAAL  
1437