

HELDRETH LEASE

218.55 ACRES±

SWIGER 30.51 ACRES±

DAVIS 4.12 ACRES±

SWIGER 14.53 ACRES±

DAVIS 4.74 ACRES±

CONSOL. COAL CO. 10.35 ACRES±

FENCE POST

HELDRETH 2160

HELDRETH 2160

SWIGER 31.45 ACRES±

SWIGER 7.37 ACRES±

SALERNO, ET AL II ACRES±

SWIGER 30.51 ACRES±

SALERNO, ET AL 44.50 ACRES±

HELDRETH 2160
DECIMAL L & L
39.39003
80.35500

HELDRETH 2160
STATE PLANE
COORDINATES
(N) 325313
(E) 1758350

BROOKS 56.82 ACRES±

47-033-03030

SWIGER 3.78 ACRES±

SALERNO, ET AL 26.46 ACRES±

SALERNO, ET AL 24.75 ACRES±

NOTES ON SURVEY

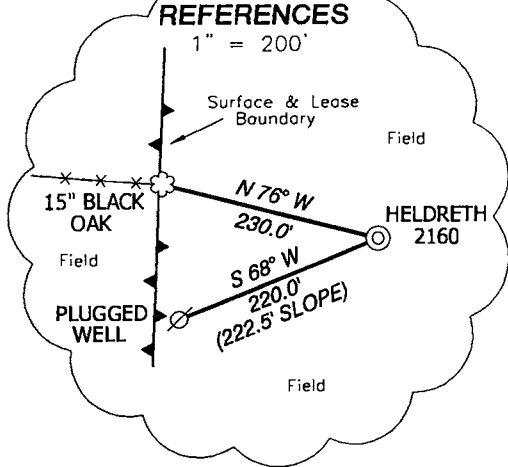
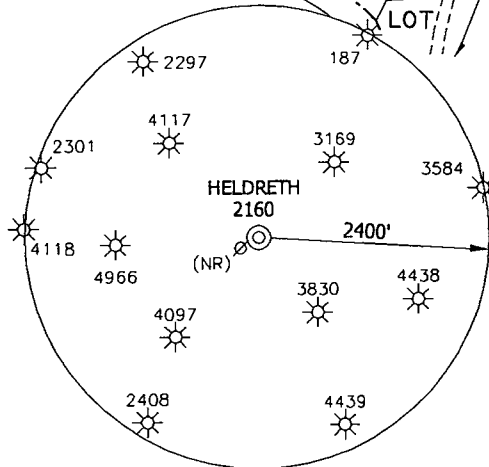
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 02-28-08.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT OF SURVEY DATED MAY 1927 AS PREPARED BY C.C. FITTRO AND INFORMATION PROVIDED BY LINN OPERATING, INC.

SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN FEBRUARY, 2008 AND INFORMATION PROVIDED BY LINN OPERATING, INC.

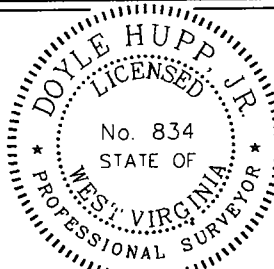
WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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. 834

Doyle Hupp Jr.
HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net



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

DATE FEBRUARY 29, 20 08

OPERATORS WELL NO. HELDRETH 2160

API WELL NO. 47-033-05076
STATE COUNTY PERMIT

CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1174 (BK 34-78)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

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



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

LOCATION : ELEVATION 1,299' WATERSHED JACK RUN

DISTRICT EAGLE COUNTY HARRISON QUADRANGLE SHINNSTON 7.5'

SURFACE OWNER BRENDA SWIGER ACREAGE 31.45±

ROYALTY OWNER BRENDA SWIGER LEASE ACREAGE 218.55±

PROPOSED WORK : LEASE NO. _____

DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BALLTOWN ESTIMATED DEPTH 4,100'

WELL OPERATOR LINN OPERATING, INC. DESIGNATED AGENT GARY BEALL
ADDRESS 650 WASHINGTON ROAD PITTSBURGH, PA 15228 ADDRESS P. O. BOX 1008 JANE LEW, WV 26378

08/17/2012

COUNTY NAME PERMIT