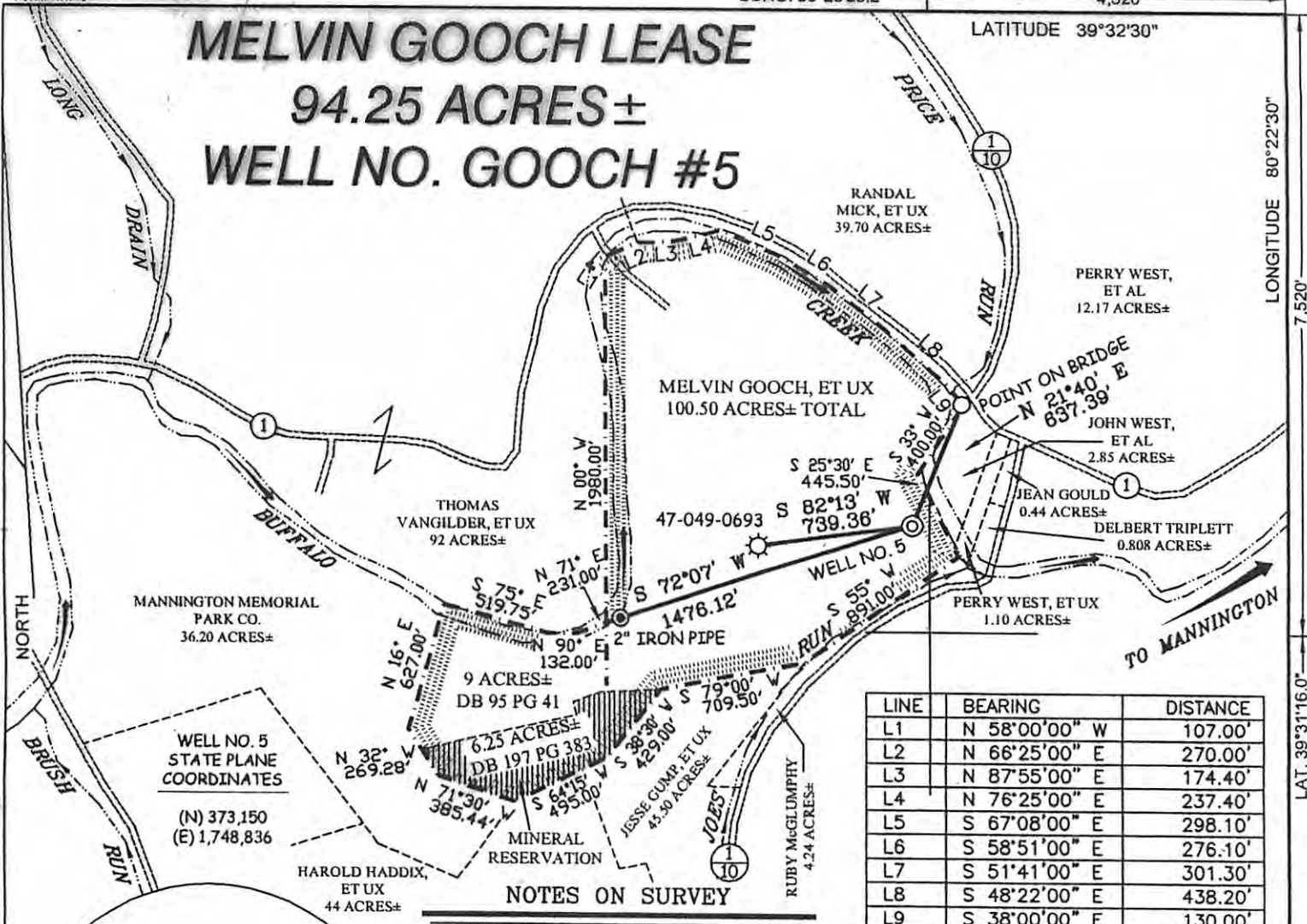


# MELVIN GOOCH LEASE

## 94.25 ACRES±

### WELL NO. GOOCH #5

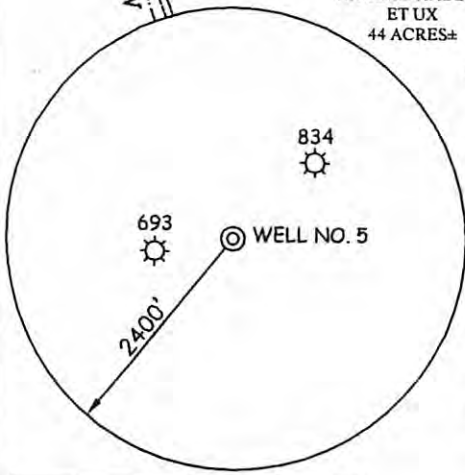
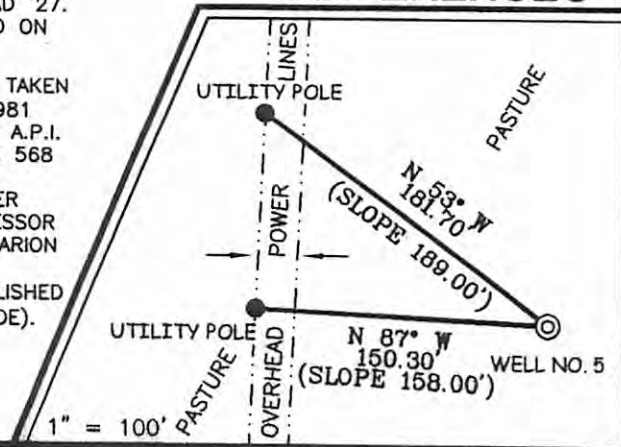


LINE	BEARING	DISTANCE
L1	N 58°00'00" W	107.00'
L2	N 66°25'00" E	270.00'
L3	N 87°55'00" E	174.40'
L4	N 76°25'00" E	237.40'
L5	S 67°08'00" E	298.10'
L6	S 58°51'00" E	276.10'
L7	S 51°41'00" E	301.30'
L8	S 48°22'00" E	438.20'
L9	S 38°00'00" E	130.00'

#### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/19/06.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED JUNE 29, 1981 PREPARED BY MARK C. ECHARD FOR A.P.I. NO. 47-049-0693 AND DEED BOOK 568 PAGE 247.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MARION COUNTY IN JULY, 2006.
5. WELL LAT./LONG. (NAD'27) 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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE NOVEMBER 08, 20 06  
 OPERATORS WELL NO. GOOCH #5  
 API WELL NO. 47-049-01874  
 STATE            COUNTY            PERMIT           

# CANCELLED

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 6180P5 (221 - 53)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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

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

LOCATION: ELEVATION 1,064' WATERSHED BUFFALO CREEK  
 DISTRICT MANNINGTON COUNTY MARION QUADRANGLE GLOVER GAP 7.5'

SURFACE OWNER MELVIN GOOCH ACREAGE 100.50±  
 ROYALTY OWNER JENNY WEST HEIRS LEASE ACREAGE 94.25±  
 PROPOSED WORK: LEASE NO.             
 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 BALLTOWN  
 ESTIMATED DEPTH 4,000'

WELL OPERATOR TAPO DESIGNATED AGENT JERRY POLING  
 ADDRESS P.O. BOX 235 ADDRESS P.O. BOX 235  
WEST UNION, WV 26456 WEST UNION, WV 26456

09/13/2013

LONGITUDE 80°22'30" LAT. 39°31'16.0" COUNTY NAME PERMIT