

**DAVID JEFFRIES LEASE**  
**38.22 OF 228.97 ACRES±**  
**WELL NO. 6H**

**REFERENCE NOTES**

TRACTS AS SHOWN TAKEN FROM DESCRIPTION RECORDED IN DEED BOOK 449 PAGE 680 AND OTHERS.

OWNERSHIP TAKEN FROM PUBLIC RECORDS OF UPSHUR COUNTY, WV IN AUGUST, 2009.

NAD 27 LAT./LONG. BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS

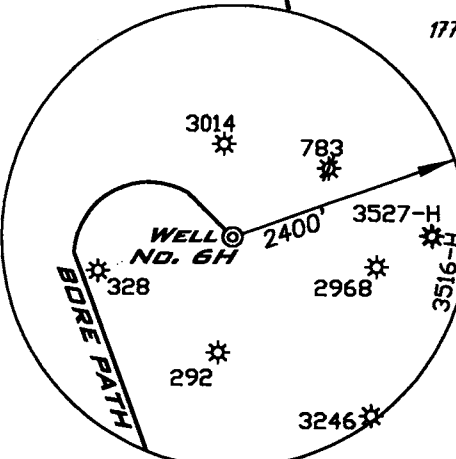
DRAFTED BY: J.M.S.

**TOP HOLE**  
NAD 27  
DEC. LAT.) 38.82060  
DEC. LONG.) 80.29661  
NAD 83  
DEC. LAT.) 38.82070  
DEC. LONG.) 80.29641  
X) 2,200,412  
Y) 663,714

**TARGET POINT 1**  
NAD 27  
DEC. LAT.) 38.82187  
DEC. LONG.) 80.29819  
NAD 83  
DEC. LAT.) 38.82197  
DEC. LONG.) 80.29799  
X) 2,199,960  
Y) 664,174

**TARGET POINT 2**  
NAD 27  
DEC. LAT.) 38.82020  
DEC. LONG.) 80.30234  
NAD 83  
DEC. LAT.) 38.82030  
DEC. LONG.) 80.30214  
X) 2,198,781  
Y) 663,555

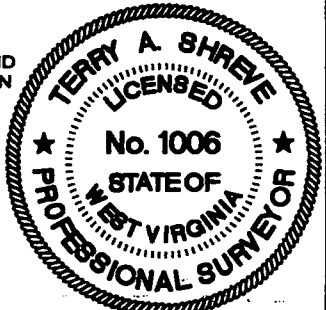
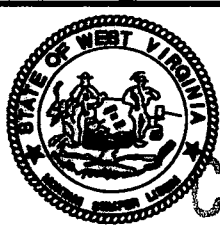
**BOTTOM HOLE**  
NAD 27  
DEC. LAT.) 38.80962  
DEC. LONG.) 80.29753  
NAD 83  
DEC. LAT.) 38.80962  
DEC. LONG.) 80.29733  
X) 2,200,180  
Y) 659,712



FILE NUMBER	W090197 (WB14-52)
DRAWING NUMBER	W090197_6H.dwg
SCALE	1" = 1000'
MINIMUM DEGREE OF ACCURACY	1/200
PROVEN SOURCE OF ELEVATION	SUBMETER MAPPING GRADE GPS

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

P.S. 1006



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

DATE: AUGUST 26, 2009

OPERATORS WELL NO. DAVID JEFFRIES 6H

API WELL NO. 47-097-03668H

STATE WV COUNTY UPSHUR PERMIT                     

LOCATION ELEVATION 1915' WATERSHED LITTLE JOES RUN AND UNNAMED TRIBUTARY OF LITTLE KANAWHA RIVER

DISTRICT BANKS COUNTY UPSHUR

QUADRANGLE ROCK CAVE 7.5' LEASE NUMBER 1244432,3055692,30556933,1222775,1222780

SURFACE OWNER ABIGAIL F. OGDEN ACREAGE 38.22

OIL & GAS ROYALTY OWNER ABIGAIL F. JEFFRIES, et vir LEASE ACREAGE 228.97

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

PLUG & ABANDON  CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7255' + Horizontal Leg

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT JAMES E. GREY

ADDRESS P.O. BOX 18496 OKLAHOMA CITY, OK 73154-0496 ADDRESS P.O. BOX 6070 CHARLESTON, WV 25362

**CANCELLED**

COUNTY NAME PERMIT

08/24/2012