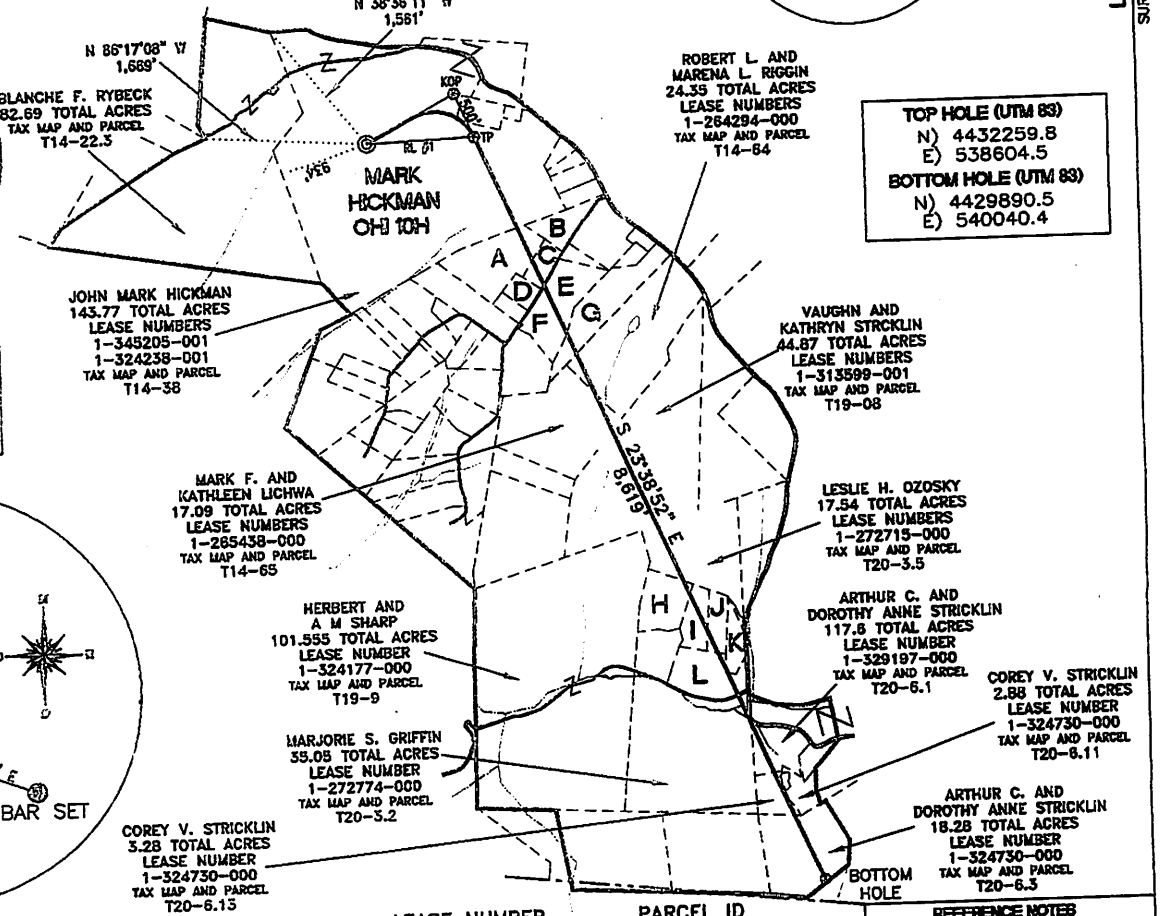
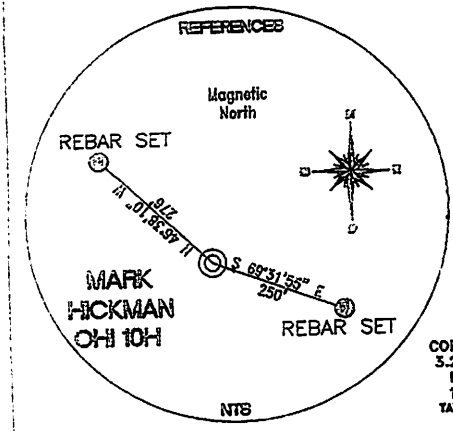
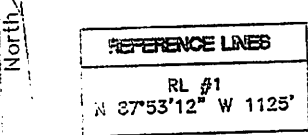
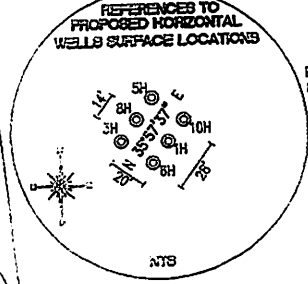
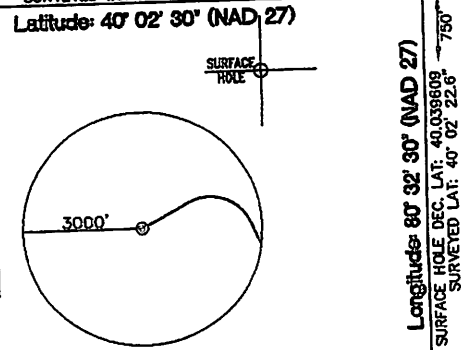


TH (NAD 83)	KOP (NAD 83)	TP (NAD 83)	BOTTOM HOLE (NAD 83)
N) 562518.7 E) 1675220.4 LAT.) 40°02'22.9" LONG.) 80°32'50.9" DEC. LAT.) 40.039683 DEC. LONG.) 80.547483	N) 563018.2 E) 1676144.6 LAT.) 40°02'27.9" LONG.) 80°32'39.1" DEC. LAT.) 40.041084 DEC. LONG.) 80.544203	N) 562560.2 E) 1676345.2 LAT.) 40°02'23.4" LONG.) 80°32'36.5" DEC. LAT.) 40.039833 DEC. LONG.) 80.543468	N) 554665.0 E) 1679802.4 LAT.) 40°01'05.8" LONG.) 80°31'50.9" DEC. LAT.) 40.018271 DEC. LONG.) 80.530797
TH (NAD 27)	KOP (NAD 27)	TP (NAD 27)	BOTTOM HOLE (NAD 27)
N) 562481.7 E) 1706654.8 LAT.) 40°02'22.6" LONG.) 80°32'51.7" DEC. LAT.) 40.039609 DEC. LONG.) 80.547689	N) 562981.2 E) 1707578.9 LAT.) 40°02'27.6" LONG.) 80°32'39.9" DEC. LAT.) 40.041010 DEC. LONG.) 80.544409	N) 562523.2 E) 1707779.5 LAT.) 40°02'23.1" LONG.) 80°32'37.2" DEC. LAT.) 40.039759 DEC. LONG.) 80.543674	N) 554628.0 E) 1711236.6 LAT.) 40°01'05.5" LONG.) 80°31'51.6" DEC. LAT.) 40.018196 DEC. LONG.) 80.531004

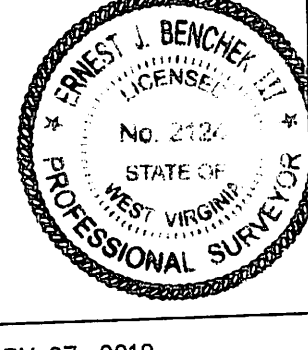


PROPERTY OWNER	ACRES	LEASE NUMBER	PARCEL ID
A - CHARLES D. POLING	11.58	RECORDED 803/566	T14-54
B - RICHARD AND R J SCOTT	3.56	1-265416-000	T14-56
C - DENIS AND BRENDA BEITER	2.34	1-321841-000	T14-55
D - CHARLES D. POLING	2.00	RECORDED 803/566	T14-42
E - ROBERT AND RUTH THORNBURG	5.31	REORDER 821/604	T14-48
F - CARL JR. AND D K SCHNEIDER	4.32	1-313810-000	T14-49
G - RALPH AND ROSELLA RICHEY	10.66	RECORDED 802/174	T14-62
H - JOSEPH AND ERIN DAVIS	6.02	1-264285-000	T20-03
I - LESLIE HAGER OZOSKY BRUCE	3.02	1-272719-000	T20-03.9
J - LESLIE HAGER OZOSKY BRUCE	3.00		T20-03.6
K - PETER AND JOY FOX	3.01	1-256017-000	T20-03.1
L - PETER AND JOY FOX	7.15	1-256017-000	T20-03.3

**REFERENCE NOTES**  
 Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records OHIO County, West Virginia OCTOBER 2011  
 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS  
 Drafted by: E.A.H.

FILE #: CHE 053  
 DRAWING #: 1843  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/200  
 PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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.  
 Signed: \_\_\_\_\_  
 L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 301 5TH STREET  
 CHARLESTON, WV 25304

Well Type:  Oil  Waste Diposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

WATERSHED: UPPER OHIO SOUTH  
 COUNTY/DISTRICT: OHIO/TRIADELPHIA  
 SURFACE OWNER: L.G. HICKMAN AND JOHN MARK HICKMAN  
 OIL & GAS ROYALTY OWNER: L.G. HICKMAN AND JOHN MARK HICKMAN  
 LEASE NUMBERS: \_\_\_\_\_

DATE: FEBRUARY 07, 2012  
 OPERATOR'S WELL #: MARK HICKMAN OHI 10H  
 API WELL #: 47 69 00130HGA  
 STATE COUNTY PERMIT

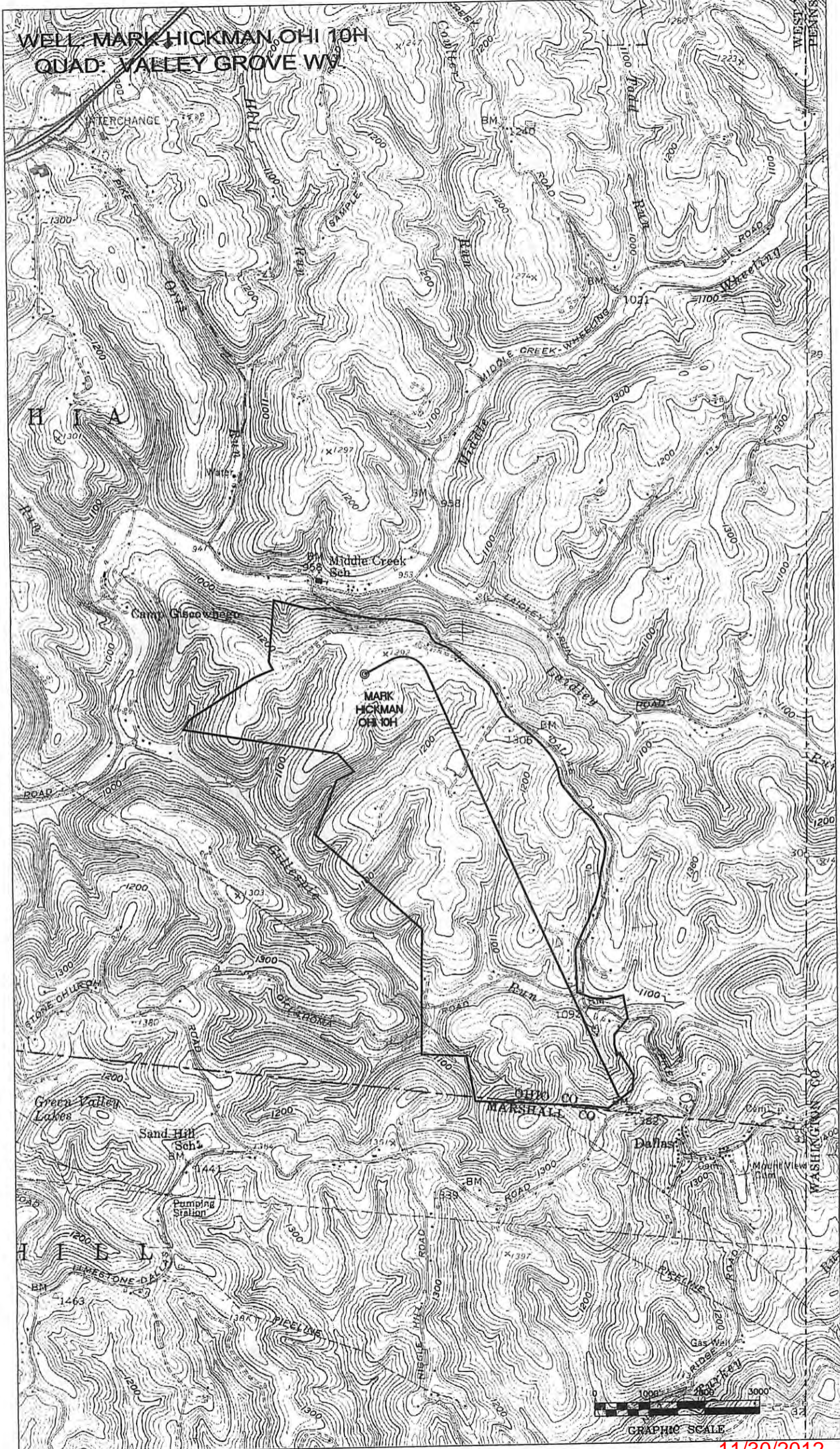
ELEVATION: 1,285'  
 QUADRANGLE: VALLEY GROVE WV.  
 ACREAGE: 143.77 +/-  
 ACREAGE: 584.815 +/-

TARGET FORMATION: MARCELLUS  
 WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC.  
 ADDRESS: PO BOX 18496  
 CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_  
 ESTIMATED DEPTH: TVD: 6,695' TMD: 15,719'  
 DESIGNATED AGENT: ERIC B. GILLESPIE  
 ADDRESS: Po Box 6070  
 CITY: CHARLESTON STATE: WV ZIP CODE: 25301

19-00130H6A

WELL MARK HICKMAN OHI 10H  
QUAD: VALLEY GROVE WV



11/30/2012