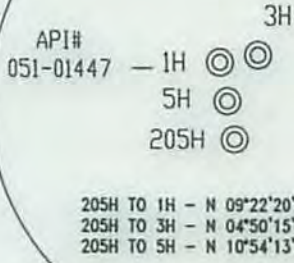


REFERENCES TO PROPOSED HORIZONTAL WELLS SURFACE LOCATIONS



NTS

REFERENCES

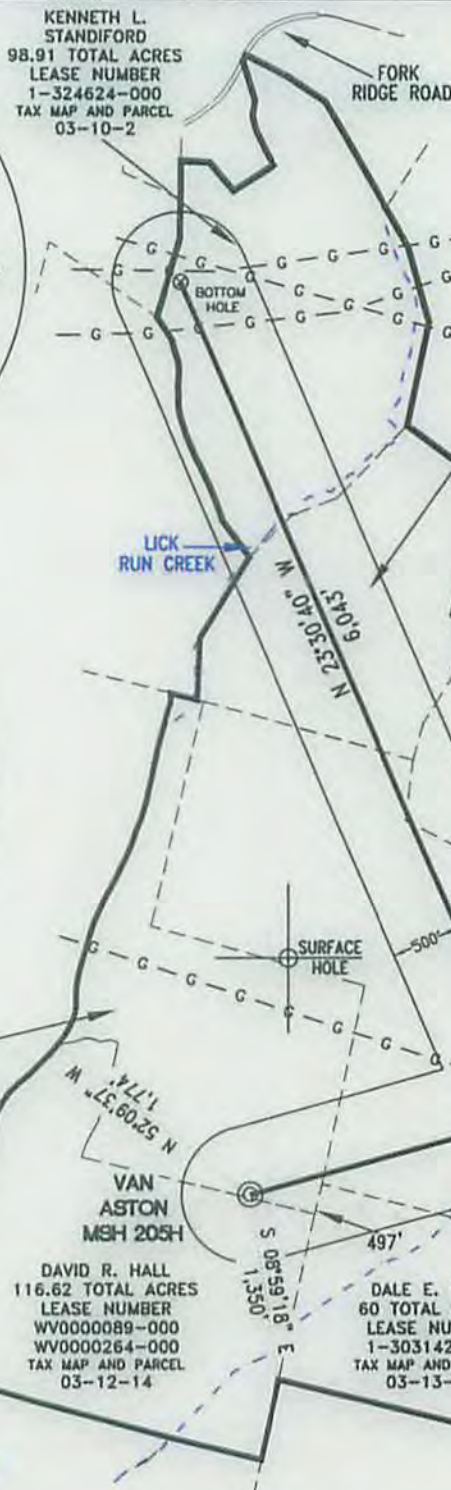


VAN ASTON MSH 205H

NTS

VAN L. ASTON
 75.32 TOTAL ACRES
 LEASE NUMBER
 1-324659-000
 TAX MAP AND PARCEL
 03-12-13

TH (UTM-NAD 83)	N) 4410951.2	E) 529908.2
BOTTOM HOLE (UTM-NAD 83)	N) 4412951.0	E) 529720.1



VAN L. ASTON
 74.07 TOTAL ACRES
 LEASE NUMBER
 1-300637-001
 TAX MAP AND PARCEL
 03-10-21

VAN L. AND VICKI L. ASTON
 80 TOTAL ACRES
 LEASE NUMBER
 1-324659-000
 TAX MAP AND PARCEL
 03-10-19



VAN L. ASTON
 159.58 TOTAL ACRES
 LEASE NUMBER
 1-324659-000
 TAX MAP AND PARCEL
 03-12-12

DALE E. HALL
 10 TOTAL ACRES
 TAX MAP AND PARCEL
 03-13-03

DAVID R. HALL
 116.62 TOTAL ACRES
 LEASE NUMBER
 WV0000089-000
 WV0000264-000
 TAX MAP AND PARCEL
 03-12-14

DALE E. HALL
 60 TOTAL ACRES
 LEASE NUMBER
 1-303142-001
 TAX MAP AND PARCEL
 03-13-04

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 Marshall County, West Virginia OCTOBER 2012. State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS. Drafted by: E.A.M.

FILE #: CHE 032

DRAWING #: 2125

SCALE: 1" = 1400'

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
 601 57TH STREET
 CHARLESTON, WV 25304

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

WATERSHED: UPPER OHIO SOUTH

COUNTY/DISTRICT: MARSHALL / CAMERON

SURFACE OWNER: VAN L. ASTON

OIL & GAS ROYALTY OWNER: VAN L. ASTON

LEASE NUMBERS:

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY):

TARGET FORMATION: MARCELLUS

WELL OPERATOR: SWN PRODUCTION CO., LLC.

ADDRESS: PO BOX 1300

CITY: Jane Lew STATE: WV ZIP CODE: 26378

ESTIMATED DEPTH: TVD: 6,595' TMD: 13,317'

DESIGNATED AGENT: Dee Southall

ADDRESS: PO BOX 1300

CITY: Jane Lew STATE: WV ZIP CODE: 26378

DATE: FEBRUARY 17, 2015

OPERATOR'S WELL #: VAN ASTON MSH 205H

API WELL #: 47 51 01841 H6A
 STATE COUNTY PERMIT

ELEVATION: 1,152'

QUADRANGLE: GLEN EASTON, WV.

ACREAGE: 75.32 +/- 07/31/2015

ACREAGE: 487.88 +/-

WELL: VAN ASTON MSH 205H
QUAD: GLEN EASTON, WV

MOUNDSVILLE, WV
GLEN EASTON, WV

VAN ASTON
MSH 205H

07/31/2015



GRAPHIC SCALE

