

A	HELLEN HARR TRUST ET AL	1.5 ACRES±	TM 15-65.2
B	JAMES P. HARR JR.	17.49 ACRES±	TM 15-64
C	PAUL J. TENNANT	0.33 ACRES±	TM 12-73.1
D	PAUL J. TENNANT	0.04 ACRES±	TM 12-73.2
E	JAMES P. HARR JR.	13.33 ACRES±	TM 15-63
F	HELLEN HARR TRUST ET AL	1.02 ACRES±	TM 15-65.1
G	RICHARD N. GLASPELL	1.26 ACRES±	TM 15-66.1
H	PAUL J. TENNANT	0.447 ACRES±	TM 12-73.4

LATITUDE 39° 22' 30"

DUNHAM LEASE DUNHAM 1H

577.33 ACRES± LEASE
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

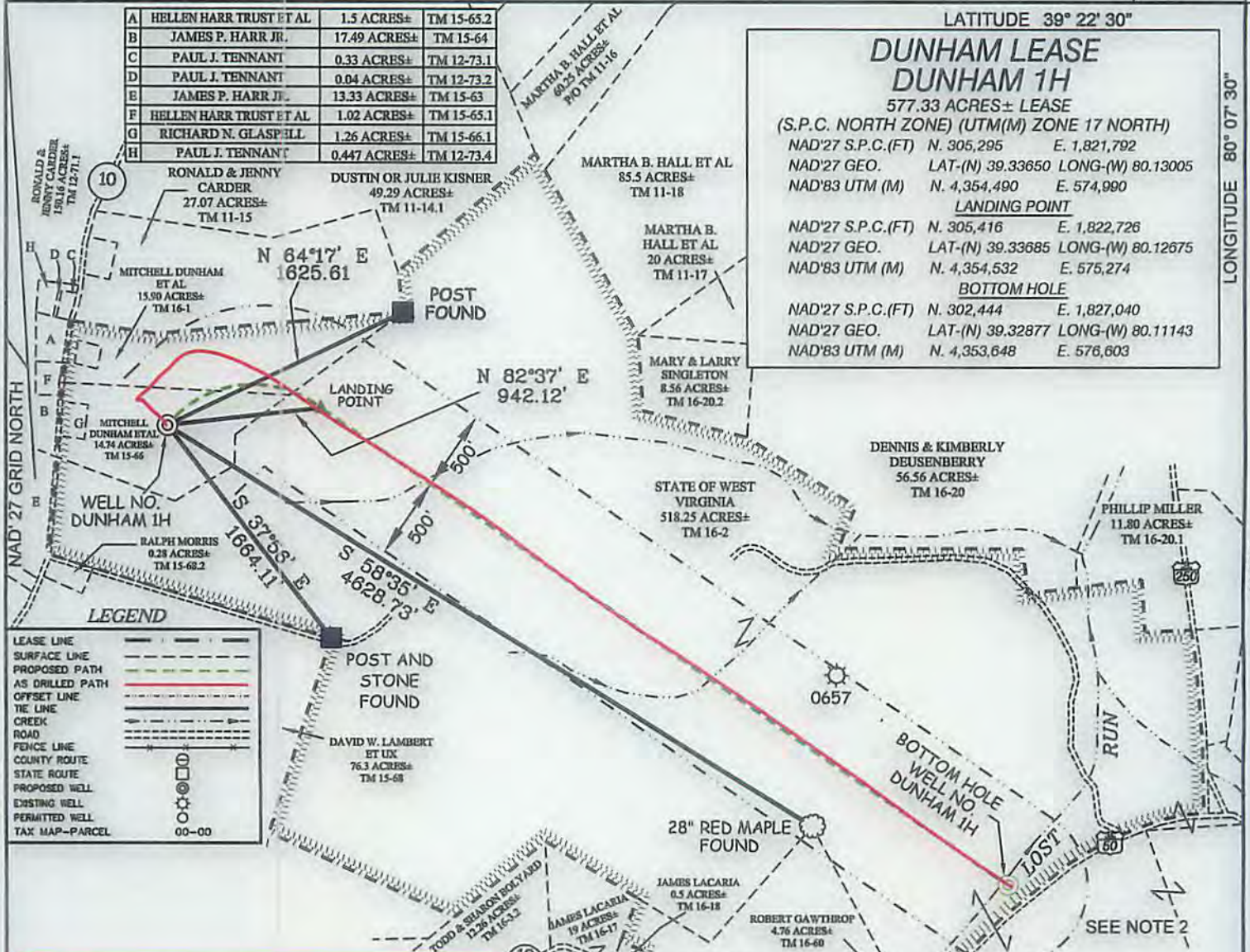
NAD'27 S.P.C.(FT) N. 305,295 E. 1,821,792
NAD'27 GEO. LAT-(N) 39.33650 LONG-(W) 80.13005
NAD'83 UTM (M) N. 4,354,490 E. 574,990

LANDING POINT

NAD'27 S.P.C.(FT) N. 305,416 E. 1,822,726
NAD'27 GEO. LAT-(N) 39.33685 LONG-(W) 80.12675
NAD'83 UTM (M) N. 4,354,532 E. 575,274

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 302,444 E. 1,827,040
NAD'27 GEO. LAT-(N) 39.32877 LONG-(W) 80.11143
NAD'83 UTM (M) N. 4,353,648 E. 576,603



**AS DRILLED COORDINATES
FOR WELL NO. DUNHAM 1H**
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 305,295 E. 1,821,792
NAD'27 GEO. LAT-(N) 39.33650 LONG-(W) 80.13005
NAD'83 UTM (M) N. 4,354,490 E. 574,990

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 302,431 E. 1,827,064
NAD'27 GEO. LAT-(N) 39.32874 LONG-(W) 80.11134
NAD'83 UTM (M) N. 4,353,645 E. 576,611

- NOTES ON SURVEY**
1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
 2. U.S. ROUTE 50 IN THIS AREA IS ALSO KNOWN AS OLD NORTHWESTERN VIRGINIA TURNPIKE.
 3. AS DRILLED INFORMATION PROVIDED BY TRIANA ENERGY, LLC.
 4. THIS PERMITTED PLAT REVISED TO SHOW THE AS DRILLED PATH AND COORDINATES RELATIVE TO THE PROPOSED WELL.




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. *Matthew J. Hilton, Jr.*
2294

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 1, 20 13
REVISED 06/13/14 & 07/29/15
OPERATORS WELL NO. DUNHAM 1H
API WELL NO. 47 - 091 - 01290H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7754AD1H
SCALE 1" = 1000'
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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 1,420' WATERSHED TRIBUTARY OF LOST RUN
DISTRICT BOOTH'S CREEK COUNTY TAYLOR QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER MITCHELL DUNHAM ET AL ACREAGE 14.74±
ROYALTY OWNER SEE ATTACHED WW-6A1 ACREAGE 577.33±

PROPOSED WORK: 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 MARCELLUS
ESTIMATED DEPTH TVD 7,500' / TMD 13,520'

WELL OPERATOR TRIANA ENERGY, L.L.C. DESIGNATED AGENT RACHELLE A. KING
ADDRESS 900 VIRGINIA STREET EAST, SUITE 400 ADDRESS 900 VIRGINIA STREET EAST, SUITE 400
CHARLESTON, WV 25301 CHARLESTON, WV 25301