

DUNHAM LEASE DUNHAM 6H

A	JAMES P. HARR JR.	15.99 ACRES±	TM 15-65
B	JAMES P. HARR JR.	17.49 ACRES±	TM 15-64
C	JAMES P. HARR JR.	13.33 ACRES±	TM 15-63
D	MITCHELL DUNHAM	0.40 ACRES±	TM 15-81
E	RICHARD N. GLASPELL	1.26 ACRES±	TM 15-66.1

LATITUDE 39° 22' 30"

DUNHAM 6H
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 305,256
E. 1,821,867

LAT=(N) 39.33639
LONG=(W) 80.12978

UTM (NAD'83)(METERS)
N. 4,354,479
E. 575,013

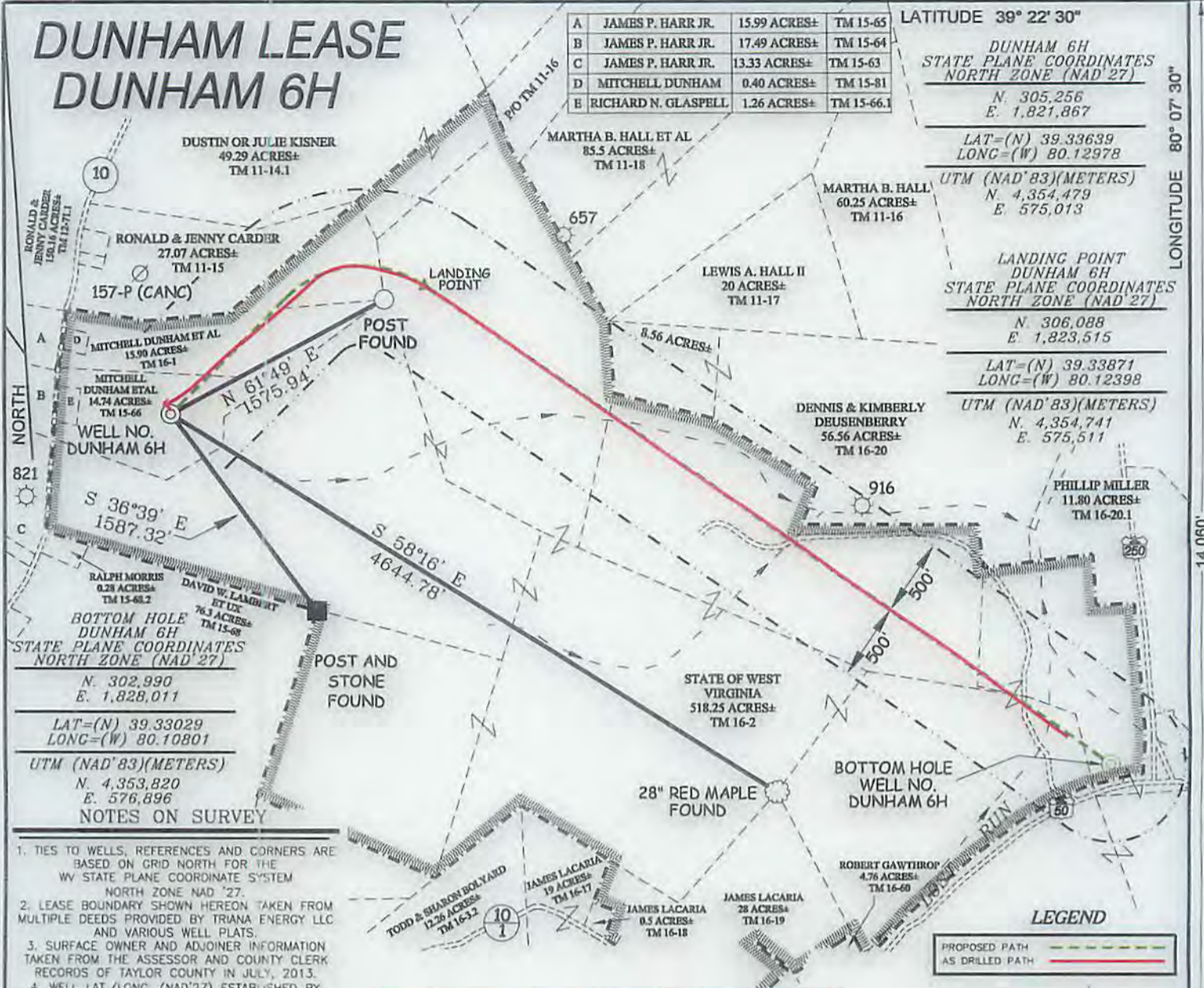
LANDING POINT
DUNHAM 6H
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 306,088
E. 1,823,515

LAT=(N) 39.33871
LONG=(W) 80.12398

UTM (NAD'83)(METERS)
N. 4,354,741
E. 575,511

PHILLIP MILLER
11.80 ACRES±
TM 16-20.1



**AS DRILLED COORDINATES
FOR WELL NO. DUNHAM 6H**
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT)	N. 305,288	E. 1,821,868
NAD'27 GEO.	LAT-(N) 39.33648	LONG-(W) 80.12978
NAD'83 UTM (M)	N. 4,354,489	E. 575,013

BOTTOM HOLE

NAD'27 S.P.C.(FT)	N. 303,165	E. 1,827,719
NAD'27 GEO.	LAT-(N) 39.33077	LONG-(W) 80.10905
NAD'83 UTM (M)	N. 4,353,872	E. 576,808

- NOTES ON SURVEY**
1. TIES TO WELLS, REFERENCES AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
 2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM MULTIPLE DEEDS PROVIDED BY TRIANA ENERGY LLC AND VARIOUS WELL PLATS.
 3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2013.
 4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE).
 5. NO DWELLINGS OR AGRICULTURAL BUILDINGS WITHIN 625 FEET OF CENTER OF PAD. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS OR WETLANDS WITHIN 100 FEET OF THE PAD LIMITS OF DISTURBANCE.
 6. AS DRILLED INFORMATION PROVIDED BY TRIANA ENERGY, LLC.
 7. TOP HOLE AS DRILLED COORDINATES DETERMINED BY BISECTING STEEL PLATE COVERING CELLAR.
 8. 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*
2294



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE DECEMBER 17, 20 13
REVISED JULY 29, 20 15
OPERATORS WELL NO. DUNHAM 6H
API WELL NO. 47 - 091 - 01293H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7754AD6H
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE GPS TIES TO COORS) SCALE 1" = 1000'

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 MITCHELL DUNHAM ET AL (14.74 & 15.90 AC.±) AND W.V. DEPT. OF AGRICULTURAL (518.25 AC.±) MITCHELL CARL DUNHAM (0.40 AC.±)

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 7,800' / TMD

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

11/06/2015

COUNTY NAME PERMIT