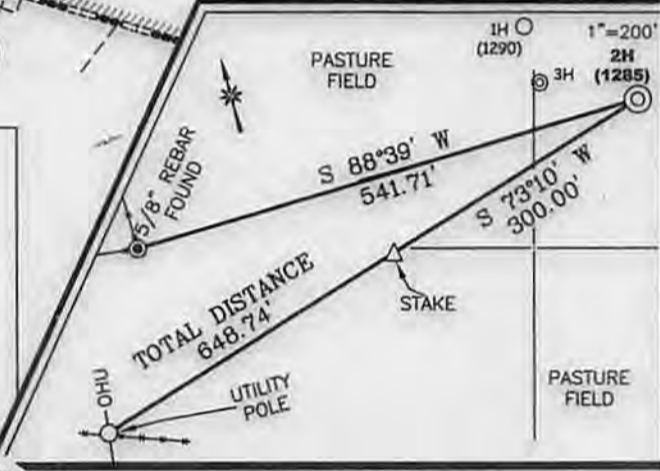


LEGEND

---	LEASE LINE
---	SURFACE LINE
---	WELL LATERAL
---	OFFSET LINE
---	TIE LINE
---	CREEK
---	ROAD
---	FENCE LINE
---	COUNTY ROUTE
---	STATE ROUTE
---	PROPOSED WELL
---	EXISTING WELL
---	PERMITTED WELL
---	TAX MAP-PARCEL

REFERENCES



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.

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.
SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.
0041-482-6334 WWW.SLSURVEYS.COM

DUNHAM LEASE
DUNHAM 2H
711.55 ACRES± LEASE
(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
NAD27 S.P.C.(FT) N. 305,226 E. 1,621,868
NAD27 GEO. LAT-(N) 39.33631 LONG-(W) 80.12978
NAD83 UTM (M) N. 4,354,470 E. 575,013
LANDING POINT
NAD27 S.P.C.(FT) N. 305,773 E. 1,822,034
NAD27 GEO. LAT-(N) 39.33782 LONG-(W) 80.12921
NAD83 UTM (M) N. 4,354,837 E. 575,051
BOTTOM HOLE
NAD27 S.P.C.(FT) N. 308,047 E. 1,817,502
NAD27 GEO. LAT-(N) 39.34397 LONG-(W) 80.14529
NAD83 UTM (M) N. 4,355,307 E. 573,869



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. 2266 *[Signature]*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE DECEMBER 17 20 13
REVISED JUNE 13 20 14
OPERATORS WELL NO. DUNHAM 2H
API WELL NO. 47 - 91 - 1285
STATE COUNTY PERMIT

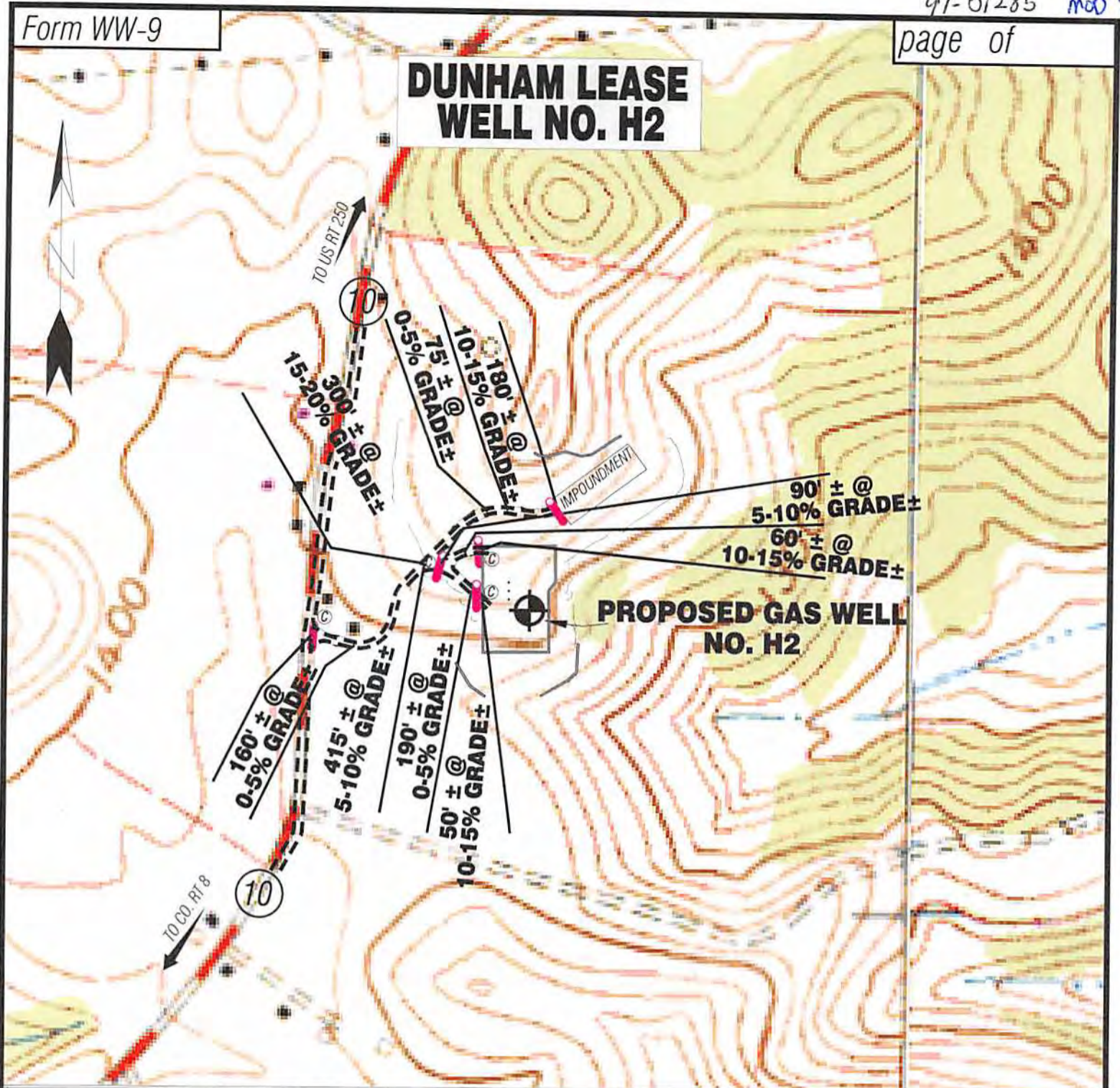
MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7754P2HR6
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

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

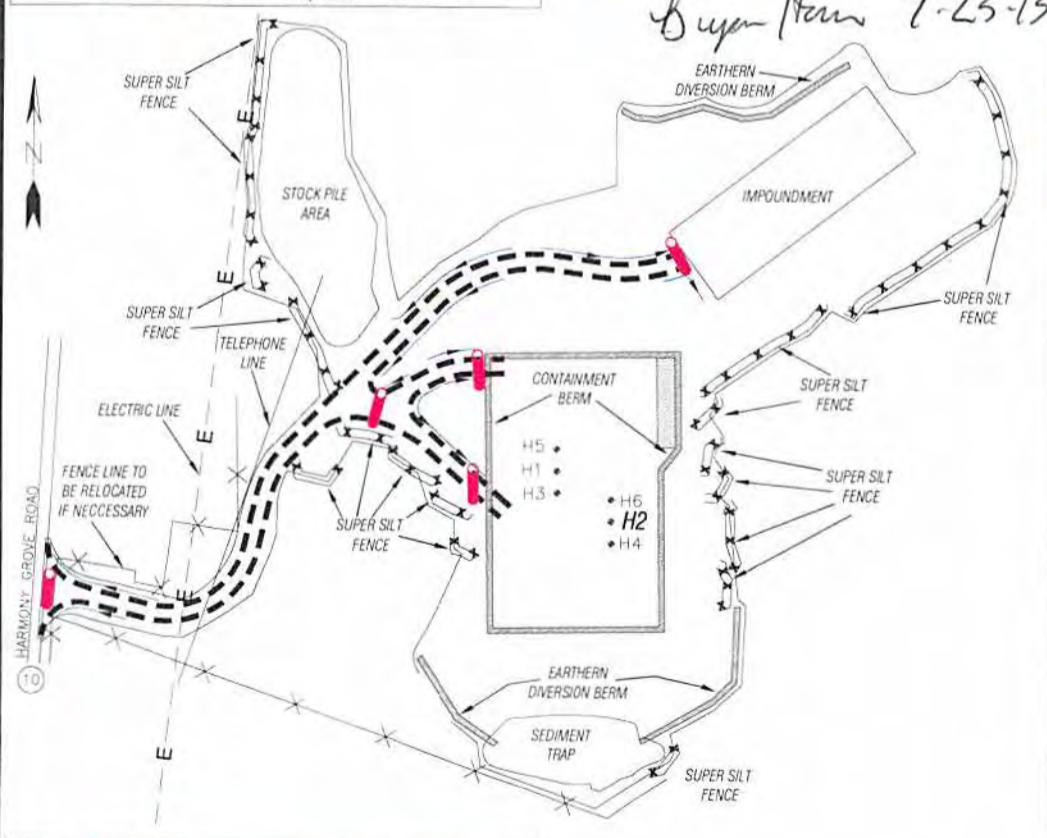
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

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 SEE ATTACHED WW-6A1 ACREAGE 711.55±
PROPOSED WORK: LEASE NO. _____
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 13,251'

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 **07/04/2014**



Detail Sketch for Proposed Well H2



SCALE: 1"=500'



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

Not To Scale

TOPO SECTION OF ROSEMONT 7.5' USGS TOPO QUADRANGLE

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.

SLS SURVEYORS ENGINEERS ENVIRONMENTAL PROJECT MGMT.

DRAWN BY: M.J.H. FILE NO.: 7754 DATE: 07/12/13 CADD FILE: 7754RECH2R.dwg

07/04/2014