

# EQT PRODUCTION COMPANY J. FREEMAN LEASE 95 ACRES ± WELL NO. WV 513765

**BOTTOM HOLE  
WELL NO. WV 513765  
STATE PLANE COORDINATES  
(NORTH ZONE) NAD 27**

N. 287.127.0  
E. 1,627,840.0

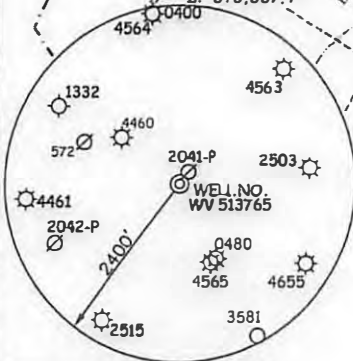
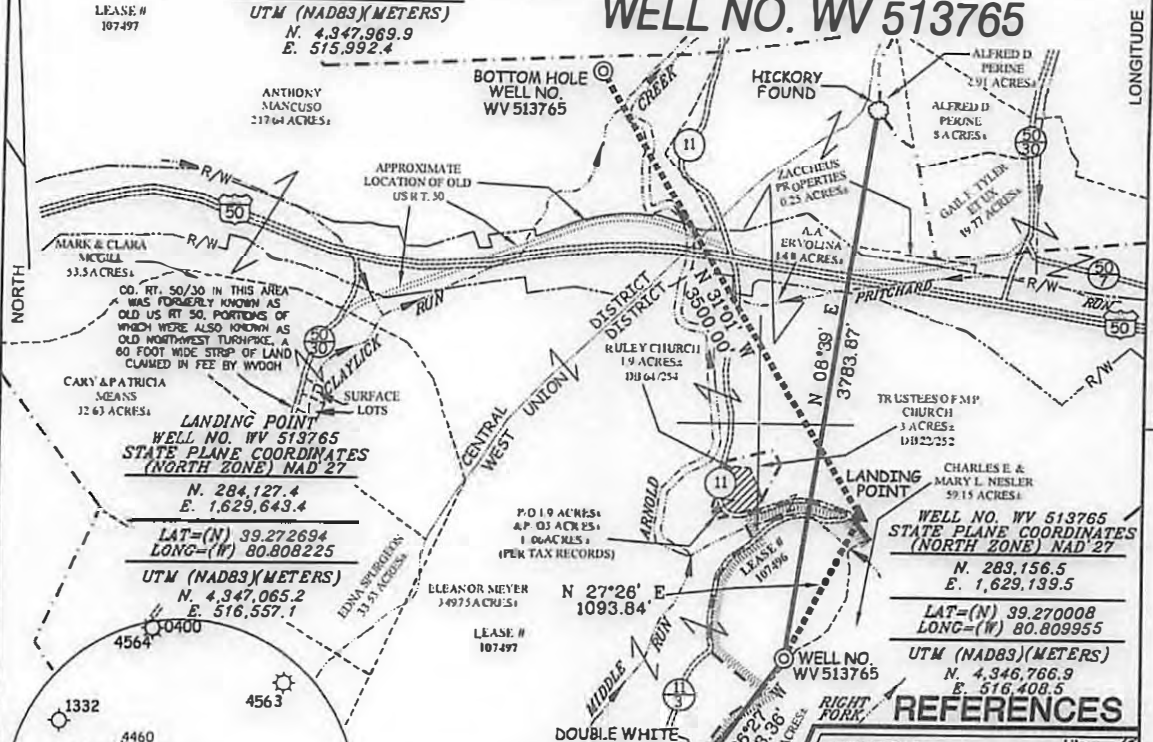
LAT=(N) 39.280856  
LONG=(W) 80.814750

UTM (NAD83)(METERS)

N. 4,347,969.9  
E. 515,992.4

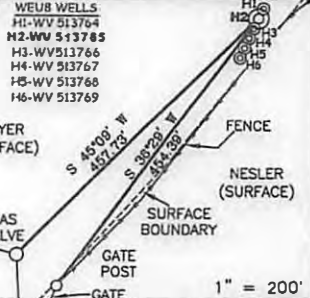
LATITUDE 39°17'30"

LONGITUDE 80°47'30"



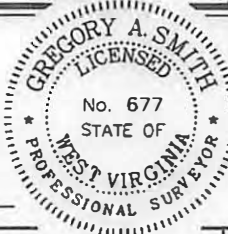
**NOTES ON SURVEY**

1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DB 41 PG 299, DB 112 PG 91, DB 10 PG 513 AND OTHER DEEDS/PLATS ON RECORD.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SURVEY GRADE TIE TO CORS NETWORK).



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. *Gregory A. Smith*  
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE DECEMBER 18, 20 12  
OPERATORS WELL NO. WV 513765  
API WELL NO. 47-17-06196 H6A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 7746P513765R  
PROVEN SOURCE OF ELEVATION 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 1,099'(GROUND) 1,068'(PROPOSED) WATERSHED MIDDLE RUN AND ARNOLD CREEK  
DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'  
SURFACE OWNER ELEANOR MEYER ACREAGE 349.75±  
ROYALTY OWNER J. FREEMAN HRS ET AL (95 AC ±) / LEWIS MAXWELL HEIRS (960 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 \_\_\_\_\_

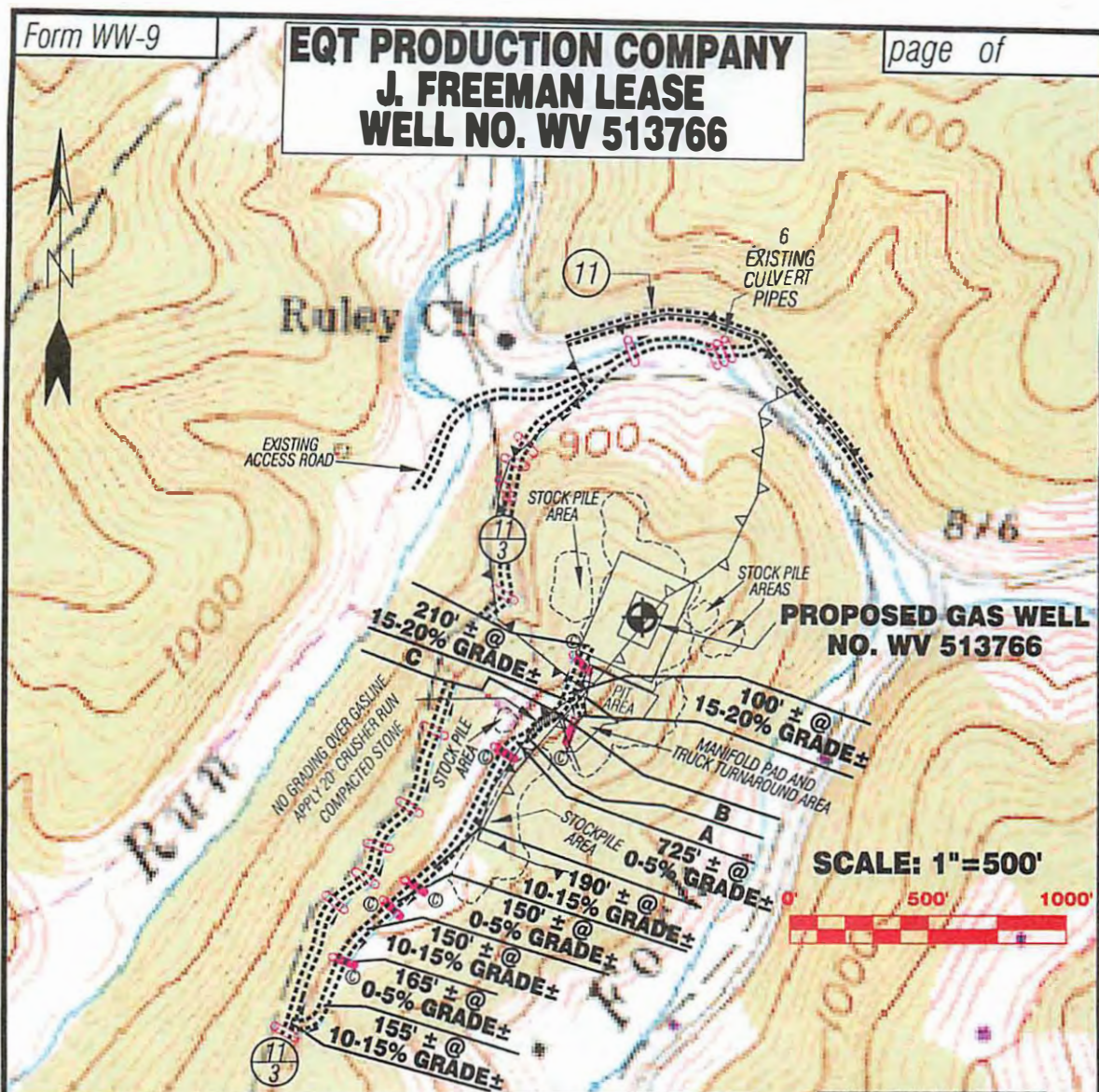
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

04/26/2013

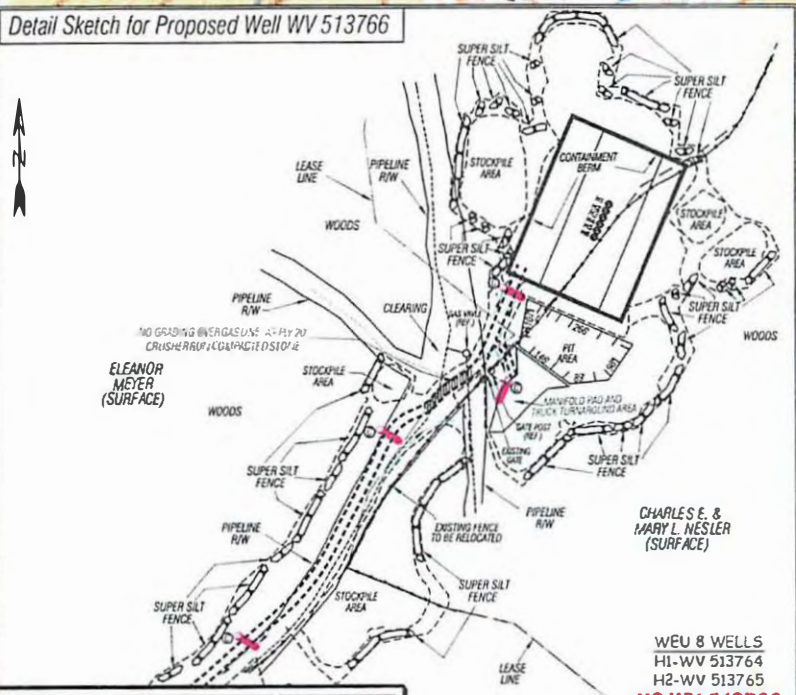


# EQT PRODUCTION COMPANY J. FREEMAN LEASE WELL NO. WV 513766

17-06196 HGA



Detail Sketch for Proposed Well WV 513766



DISTANCE	GRADE
A 40±	10-15%
B 140±	5-10%
C 55±	10-15%

**SLS**  
**SMITH LAND SURVEYING, INC.**  
 P.O. BOX 150 GLENVILLE, WV, 26351  
 PH: (304) 462-5634 FAX: (304) 462-5656 E-MAIL: sls@slssurveys.com

DRAWN BY: K.D.W. FILE NO: 7746 DATE: 12/18/12 CADD FILE: 7746REC\WV513766.dwg

Not To Scale

WEU 8 WELLS  
 H1-WV 513764  
 H2-WV 513765  
**H3-WV 513766**  
 H4-WV 513767  
 H5-WV 513768  
 H6-WV 513769

TOPO SECTION OF WEST UNION 7.5' USGS TOPO QUADRANGLE

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

SEVERAL BASINS TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED BY THE WV DEP 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.

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

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CHISEL AND STAKE ALL UNDESIRABLE VEGETATION.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED IF APPLICABLE.

EXISTING CULVERT  
 PROPOSED CULVERT 12" MIN UNLESS OTHERWISE NOTED

PROPOSED STREAM CROSSING

APPROXIMATE LIMITS OF DISTURBANCE

04/26/2013