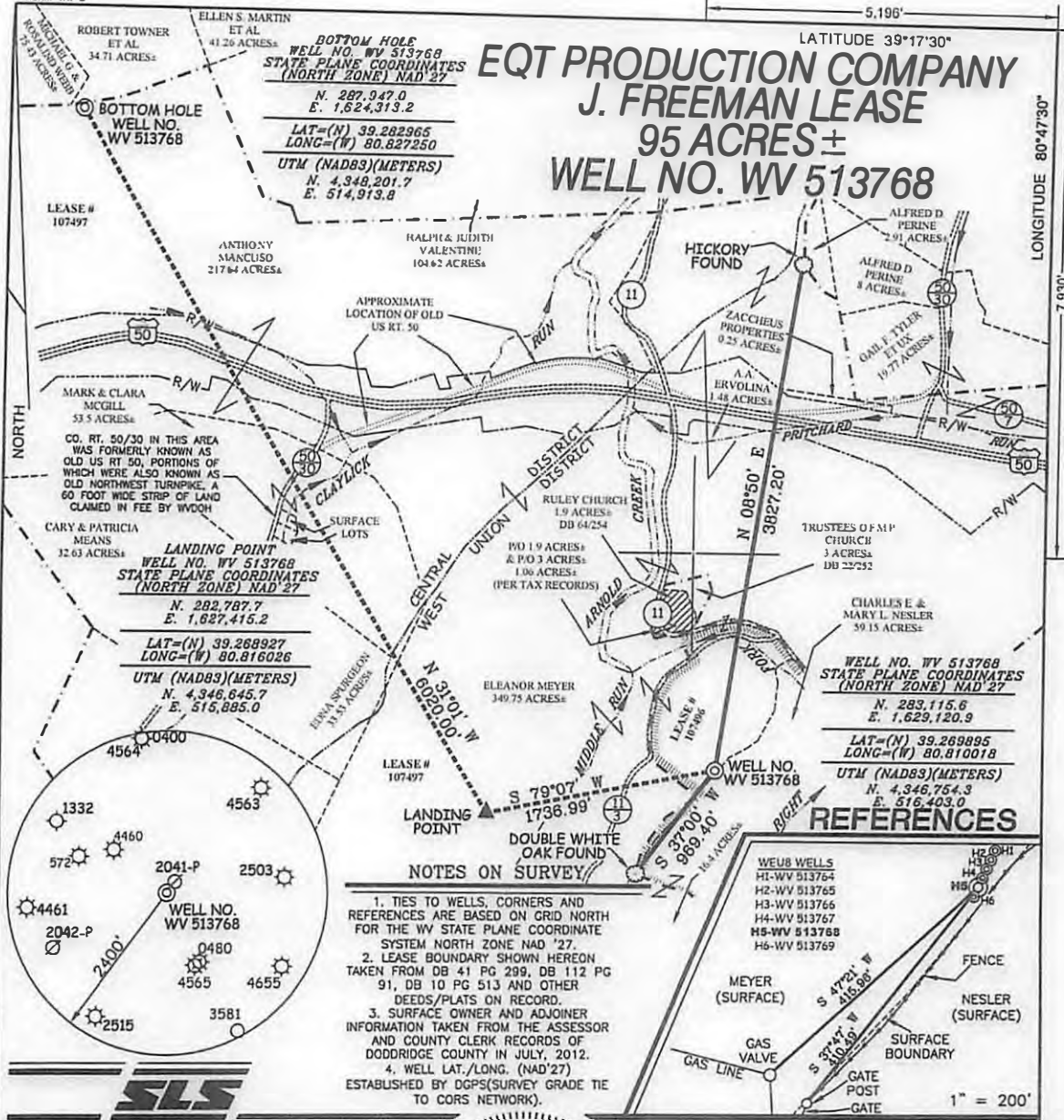


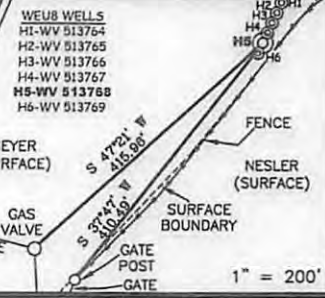
# EQT PRODUCTION COMPANY J. FREEMAN LEASE 95 ACRES ± WELL NO. WV 513768



**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).

### REFERENCES



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.  
677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE DECEMBER 18 20 12  
OPERATORS WELL NO. WV 513768  
API WELL NO. 47-17-06199 H6A  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7746P513768  
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

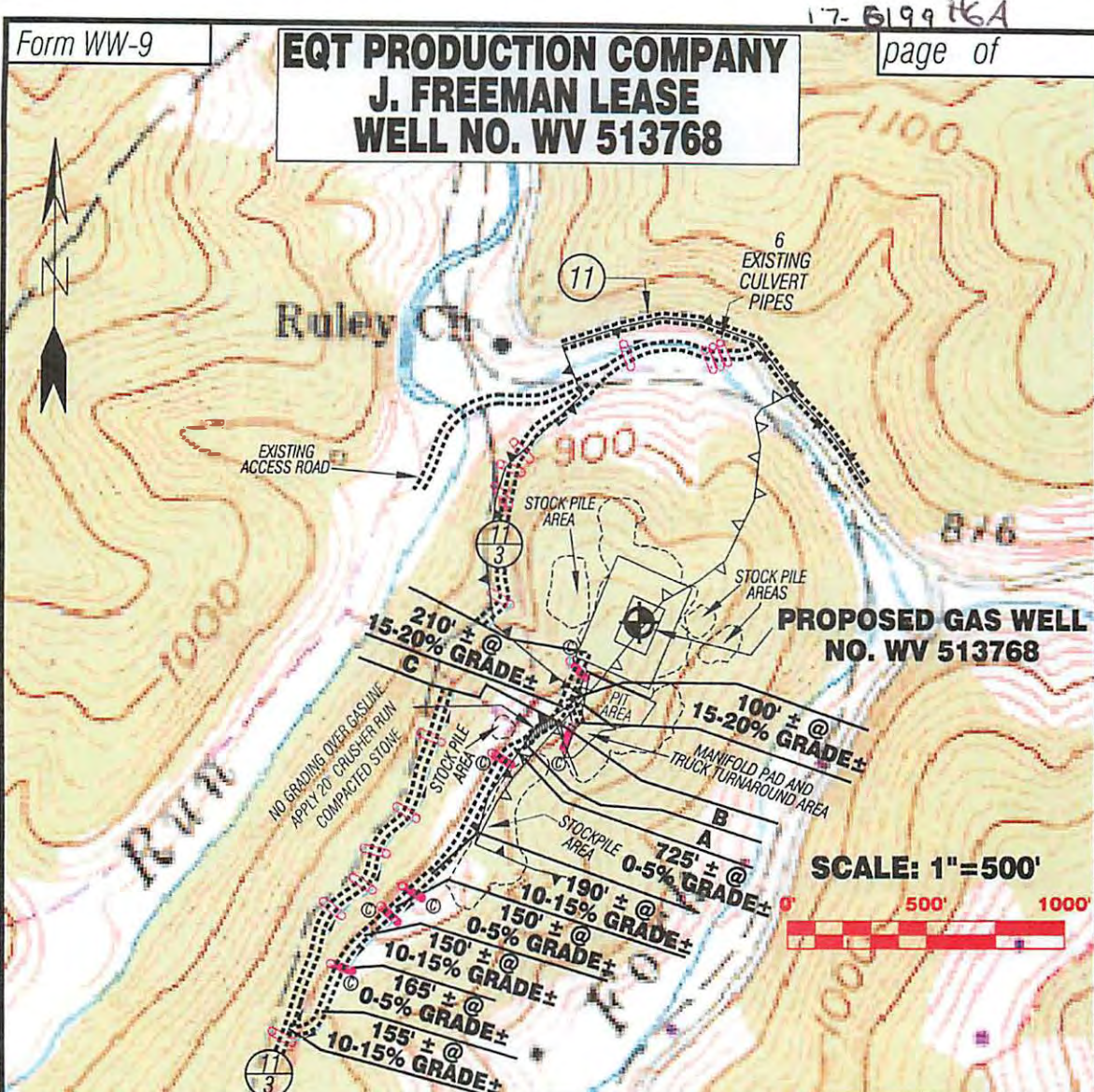
WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1.090 (GROUND) 1.068 (PROPOSED) WATERSHED MIDDLE RUN AND ARNOLD CREEK  
DISTRICT WEST UNION COUNTY DODDRIDGE OADRANGLE WEST UNION 7.5'  
SURFACE OWNER EL ANOR MEYER ACREAGE 349.75±  
ROYALTY OWNER J. FREEMAN HRS ET AL (95 AC ±) / LEWIS MAXWELL HEIRS (960 AC ±)  
PROPOSED WORK: LEASE NO. 107498/107497  
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

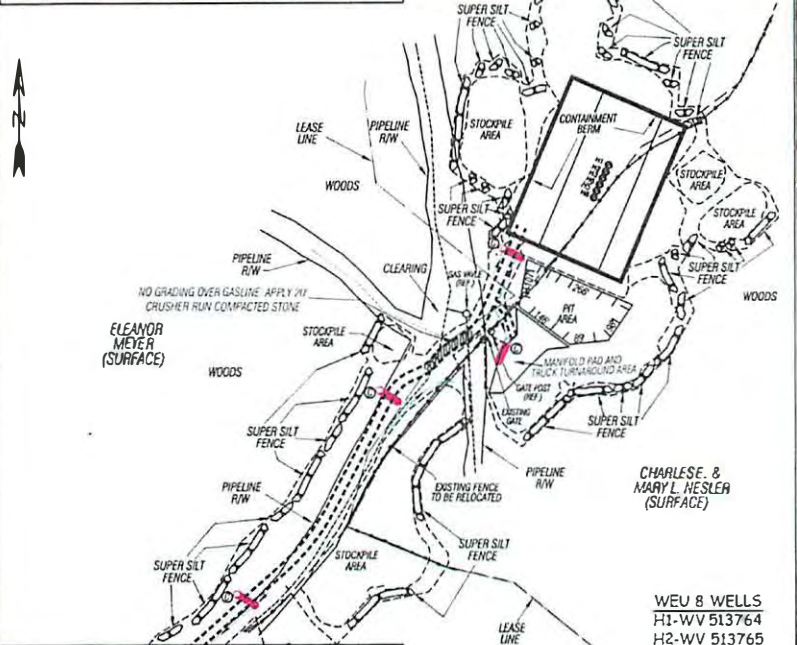
04/26/2013

# EQT PRODUCTION COMPANY J. FREEMAN LEASE WELL NO. WV 513768



17-06199 HGA

Detail Sketch for Proposed Well WV 513768



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

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.P. 04. AND GAS BAY MANUAL ENTRANCES AT COUNTY STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.G.I. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.D.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 W-202 P. OR AND GAS BAY MANUAL FIELD CONDITIONS (ROCK OUTCROPS AND DEBRIS) MAY PROHIBIT TRAP TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

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

TEMPORARY SLOPE & MULCH ALL SLOPE AFTER CONSTRUCTION OF LOCATION.

CUT & STAIN ALL MARKETABLE TIMBER.

STAKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD SHALL BE SUBMITTED AND REVIEWED (IF APPLICABLE).

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

Not To Scale

TOPO SECTION OF WEST UNION 7.5' USGS TOPO QUADRANGLE

**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\WV513768.dwg
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04/26/2013