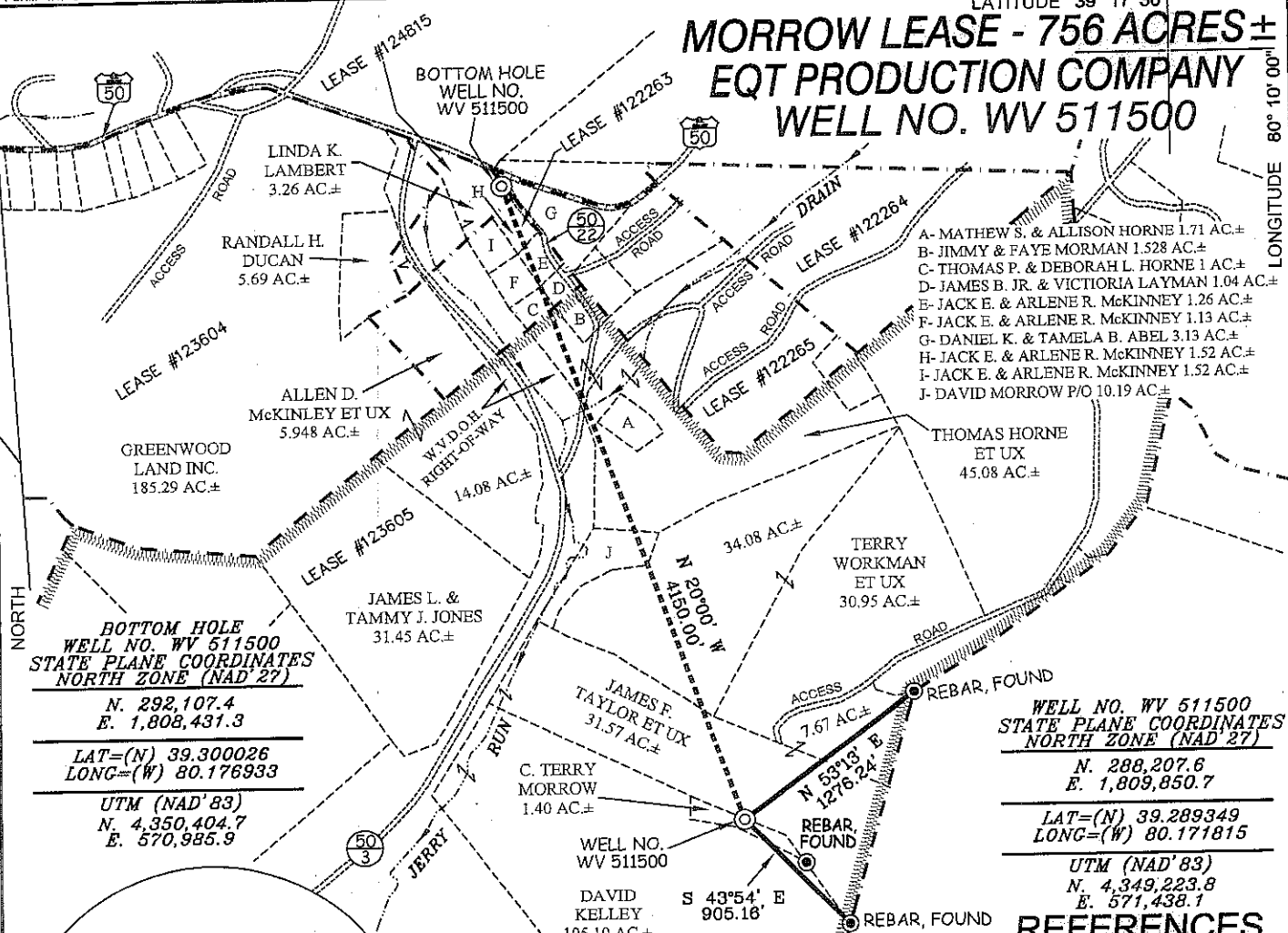


# MORROW LEASE - 756 ACRES ± EQT PRODUCTION COMPANY WELL NO. WV 511500



- A- MATHEW S. & ALLISON HORNE 1.71 AC.±
- B- JIMMY & FAYE MORMAN 1.528 AC.±
- C- THOMAS P. & DEBORAH L. HORNE 1 AC.±
- D- JAMES B. JR. & VICTORIA LAYMAN 1.04 AC.±
- E- JACK E. & ARLENE R. MCKINNEY 1.26 AC.±
- F- JACK E. & ARLENE R. MCKINNEY 1.13 AC.±
- G- DANIEL K. & TAMELA B. ABEL 3.13 AC.±
- H- JACK E. & ARLENE R. MCKINNEY 1.52 AC.±
- I- JACK E. & ARLENE R. MCKINNEY 1.52 AC.±
- J- DAVID MORROW P/O 10.19 AC.±

**BOTTOM HOLE WELL NO. WV 511500**  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 292,107.4  
E. 1,808,431.3

LAT=(N) 39.300026  
LONG=(W) 80.176933

UTM (NAD'83)  
N. 4,350,404.7  
E. 570,985.9

**WELL NO. WV 511500**  
STATE PLANE COORDINATES  
NORTH ZONE (NAD '27)

N. 288,207.6  
E. 1,809,850.7

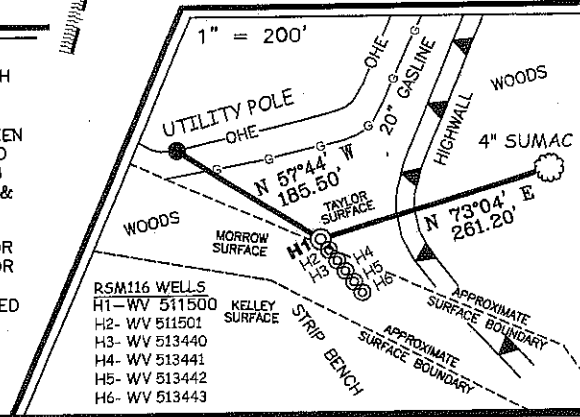
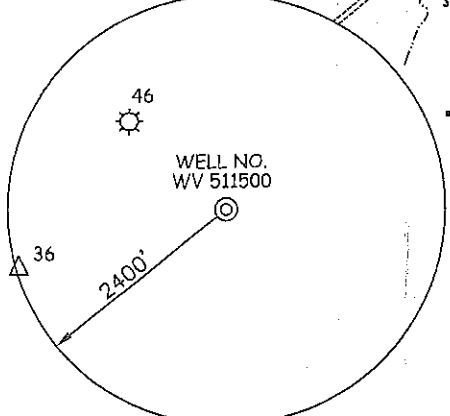
LAT=(N) 39.289349  
LONG=(W) 80.171815

UTM (NAD'83)  
N. 4,349,223.8  
E. 571,438.1

## REFERENCES

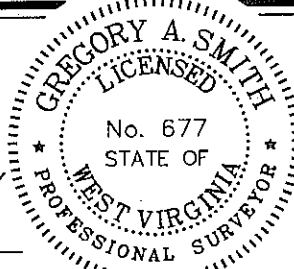
## NOTES ON SURVEY

1. TIES TO WELLS, CORNERS & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 159 PAGE 767, DEED BOOK 154 PAGE 327, DEED BOOK 288 PAGE 437, DEED BOOK 274 PAGE 130 & DEED BOOK 307 PAGE 325.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2010.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).



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 OCTOBER 18, 20 11  
OPERATORS WELL NO. WV 511500  
API WELL NO. 47 - 091 - 01241H  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7161P511500R2 (329-42)  
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  INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 1,442.5' (GROUND) / 1,431' (PROPOSED) WATERSHED JERRY RUN OF SIMPSON CREEK

DISTRICT FLEMINGTON COUNTY TAYLOR QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER JAMES F. TAYLOR ET UX ACREAGE 31.57±

ROYALTY OWNER PEGGY KNOTTS ET AL (756 AC.±) / JACK E. MCKINNEY ET AL (17 AC.±) / LINDA K. LAMBERT (7 AC.±)

PROPOSED WORK: LEASE NO. 123605 / 122263 / 124815  
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 \_\_\_\_\_

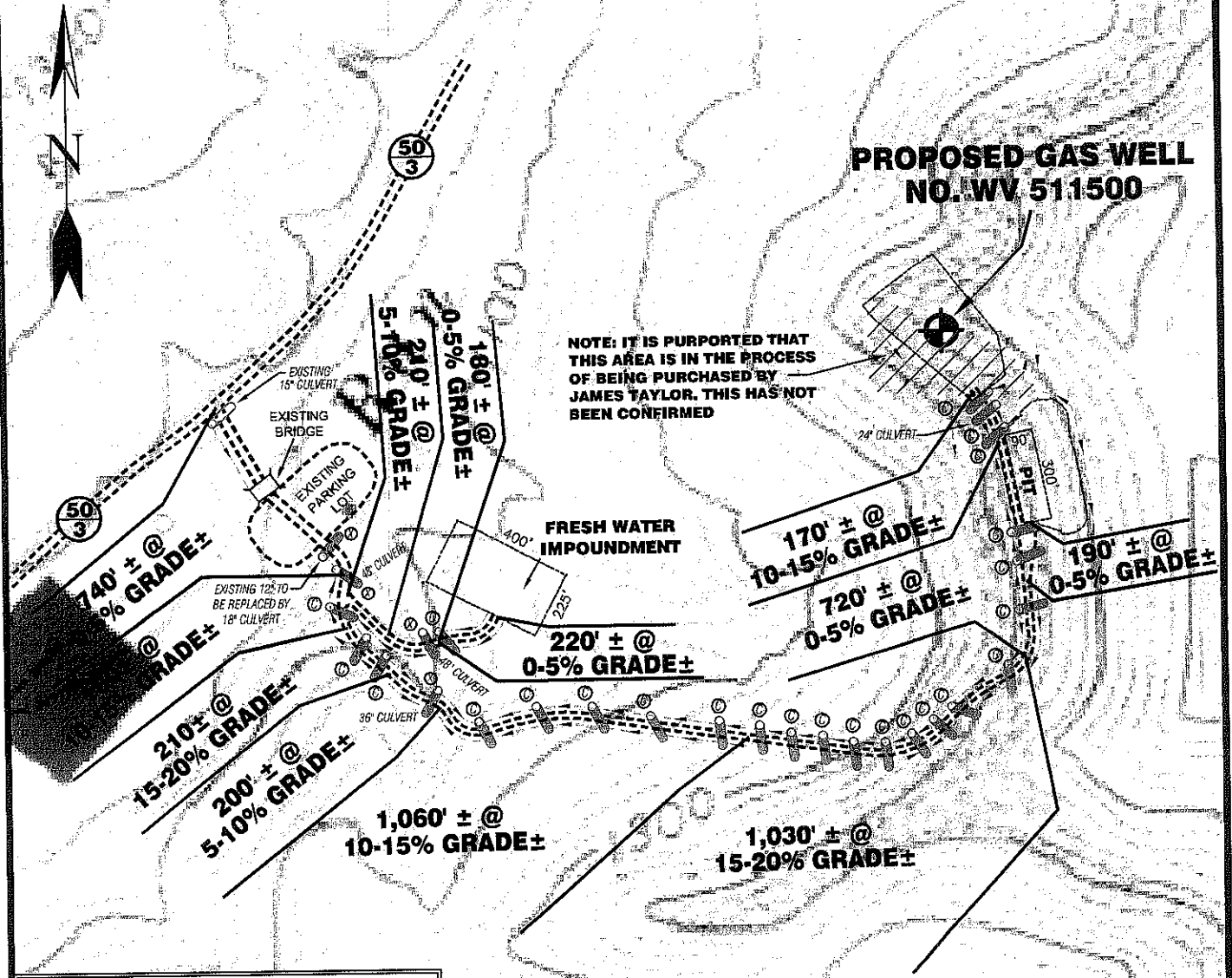
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY  
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE  
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME  
PERMIT

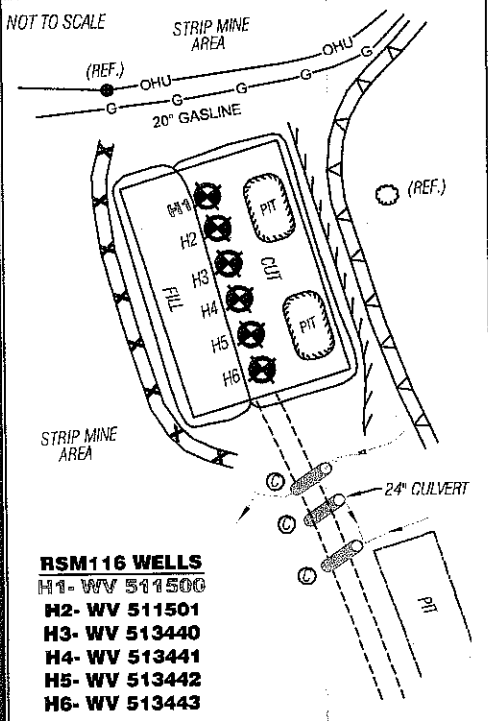
# EQT PRODUCTION COMPANY MORROW LEASE WELL NO. WV 511500

## PROPOSED GAS WELL NO. WV 511500

**NOTE: IT IS PURPORTED THAT THIS AREA IS IN THE PROCESS OF BEING PURCHASED BY JAMES TAYLOR. THIS HAS NOT BEEN CONFIRMED**



Detail Sketch for Proposed Well WV 511500



RECEIVED  
Office of Oil & Gas  
SEP 08  
WV Department of Environmental Protection

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).

**SCALE: 1" = 500'**



— ○ — = EXISTING CULVERT      ○ — ○ — = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED

○ — ○ — = PROPOSED STREAM CROSSING (IF APPLIES) \*SEE TABLE FOR CULVERT DETAIL  
— / — = EXISTING BROAD BASED DIP

TOPO SECTION OF USGS  
ROSEMONT 7.5' QUADRANGLE

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

DRAWN BY: C.J.P.	FILE NO. 7161	DATE 09/08/11	CADD FILE: 7161REC/WV511500R.dwg
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