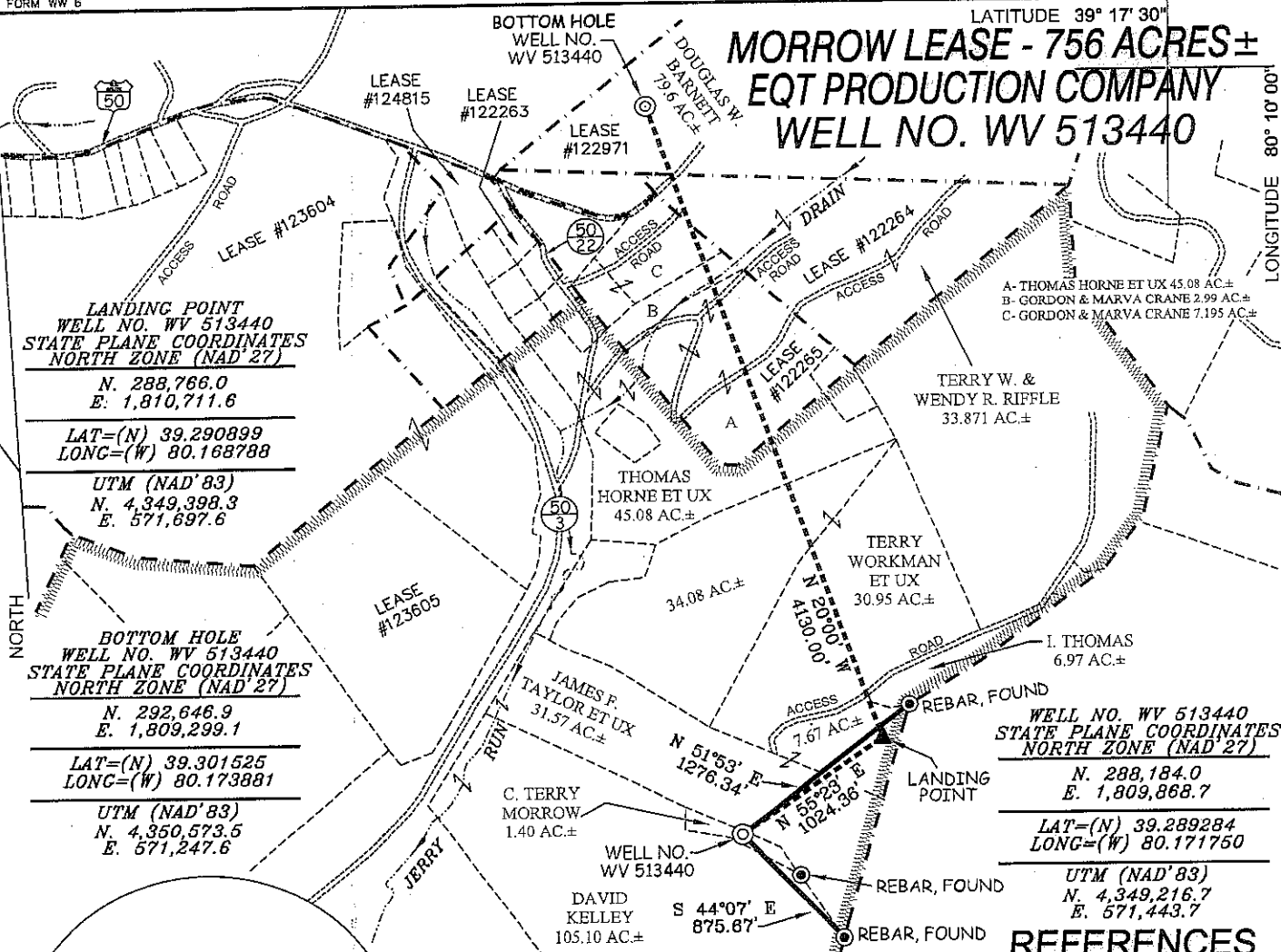


MORROW LEASE - 756 ACRES± EQT PRODUCTION COMPANY WELL NO. WV 513440

LATITUDE 39° 17' 30"



LANDING POINT
WELL NO. WV 513440
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)

N. 288,766.0
E. 1,810,711.6

LAT=(N) 39.290899
LONG=(W) 80.168788

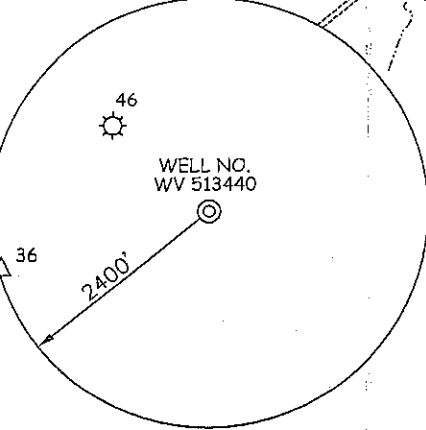
UTM (NAD'83)
N. 4,349,398.3
E. 571,697.6

BOTTOM HOLE
WELL NO. WV 513440
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)

N. 292,646.9
E. 1,809,299.1

LAT=(N) 39.301525
LONG=(W) 80.173881

UTM (NAD'83)
N. 4,350,573.5
E. 571,247.6



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).
5. U.S. RT 50 IN THIS AREA IS PART OF THE OLD NORTHWESTERN TURNPIKE, A 60 FOOT STRIP OF GROUND CLAIMED IN FEE BY THE W.V.D.O.H. SLS RECOMMENDS PROPER LEGAL & LEASING (IF NEEDED) PROCEDURES BE TAKEN BEFORE DRILLING COMMENCES.

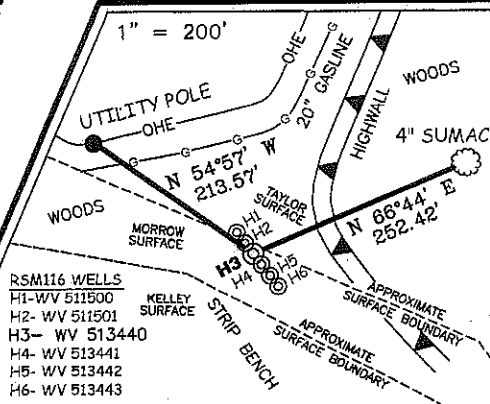
WELL NO. WV 513440
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)

N. 288,184.0
E. 1,809,868.7

LAT=(N) 39.289284
LONG=(W) 80.171750

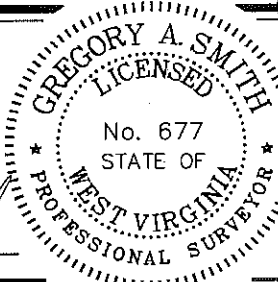
UTM (NAD'83)
N. 4,349,216.7
E. 571,443.7

REFERENCES



- RSM116 WELLS
- H1- WV 511500
 - H2- WV 511501
 - H3- WV 513440
 - H4- WV 513441
 - H5- WV 513442
 - H6- WV 513443

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 513440
API WELL NO. 47-091-012424
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7161P513440R3 (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 LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,440.5' (GROUND) / 1,431' (PROPOSED) WATERSHED JERRY RUN OF SIMPSON CREEK
DISTRICT FLEMINGTON COUNTY TAYLOR QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER C. TERRY MORROW ACREAGE 1.40±
ROYALTY OWNER PEGGY KNOTTS ET AL (756 AC±) / THOMAS HORNE ET UX (36 AC±) / RICHARD D. KNOTTS ET AL (40 AC±) / W.D. BARNETT ET AL (81 AC±)

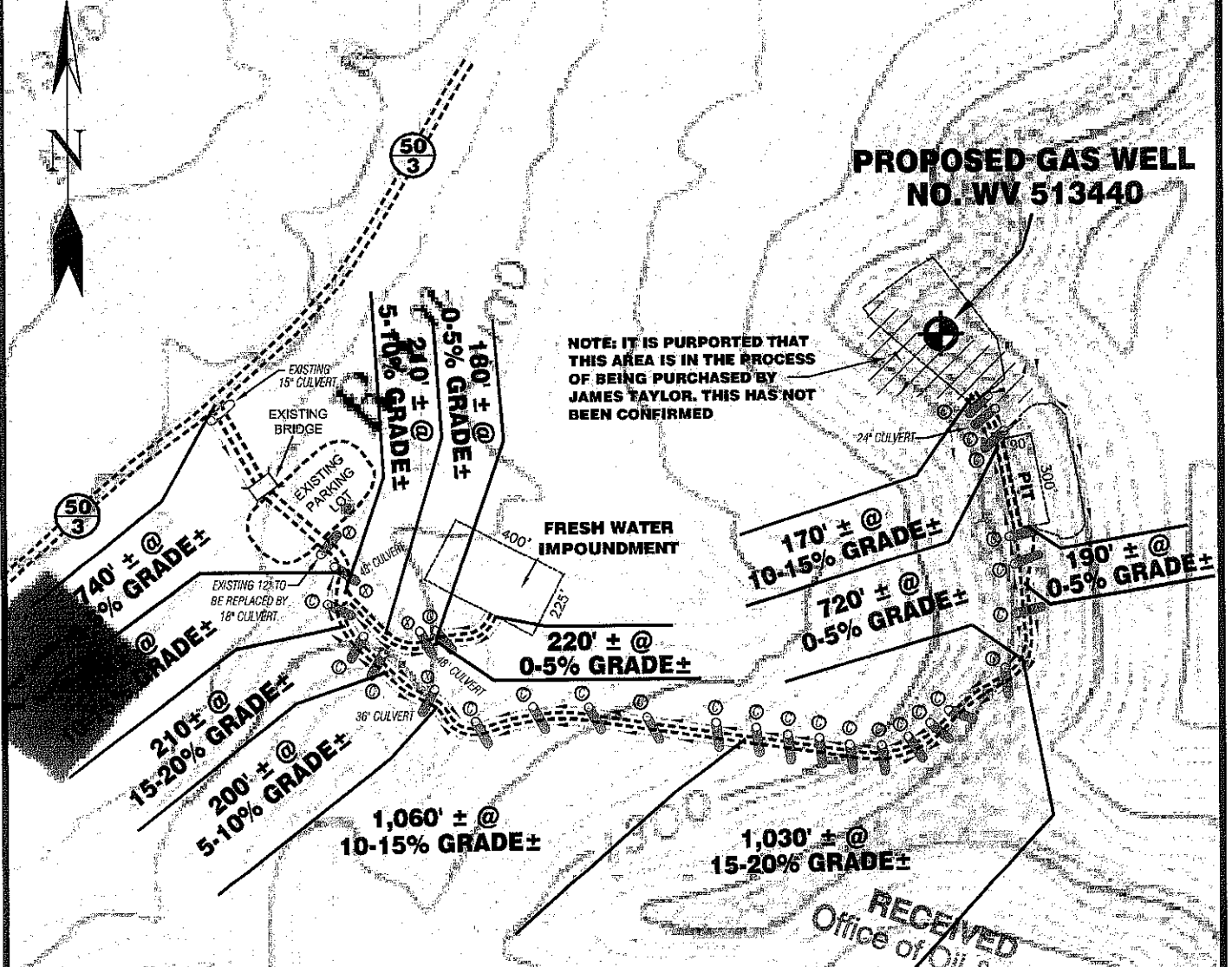
PROPOSED WORK: LEASE NO. 123605 / 122285 / 122284 / 122971
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS
ESTIMATED DEPTH _____

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

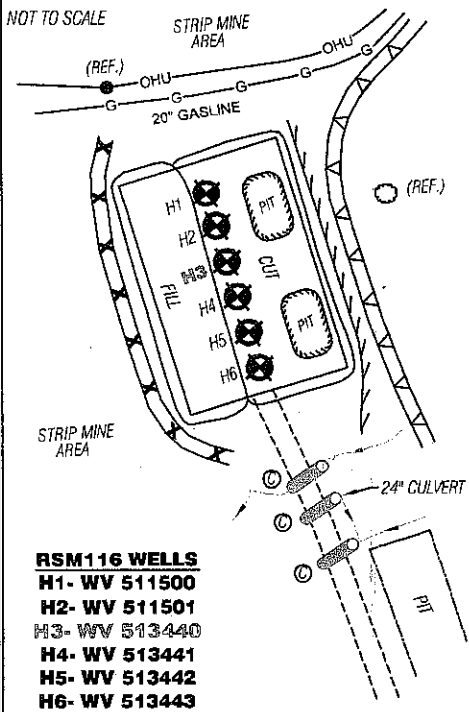
EQT PRODUCTION COMPANY MORROW LEASE WELL NO. WV 513440

PROPOSED GAS WELL NO. WV 513440

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 513440



RECEIVED
 Office of Oil & Gas
 SEP 08 2011
 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

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 C.J.P.	FILE NO. 7161	DATE 09/08/11	CADD FILE: 7161REC\WV513440R.dwg
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