

EQT PRODUCTION CO. WELL NO. WV 513039 TAYLOR LEASE 1,600 ACRES±

BOTTOM HOLE
WELL NO. WV 513039
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 285,635
E. 1,586,084

LAT=(N) 39.27499
LONG=(W) 80.96215

UTM (NAD'83)
N. 4,347,303
E. 503,279

LANDING POINT
WELL NO. WV 513039
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 280,930
E. 1,588,278

LAT=(N) 39.26217
LONG=(W) 80.95414

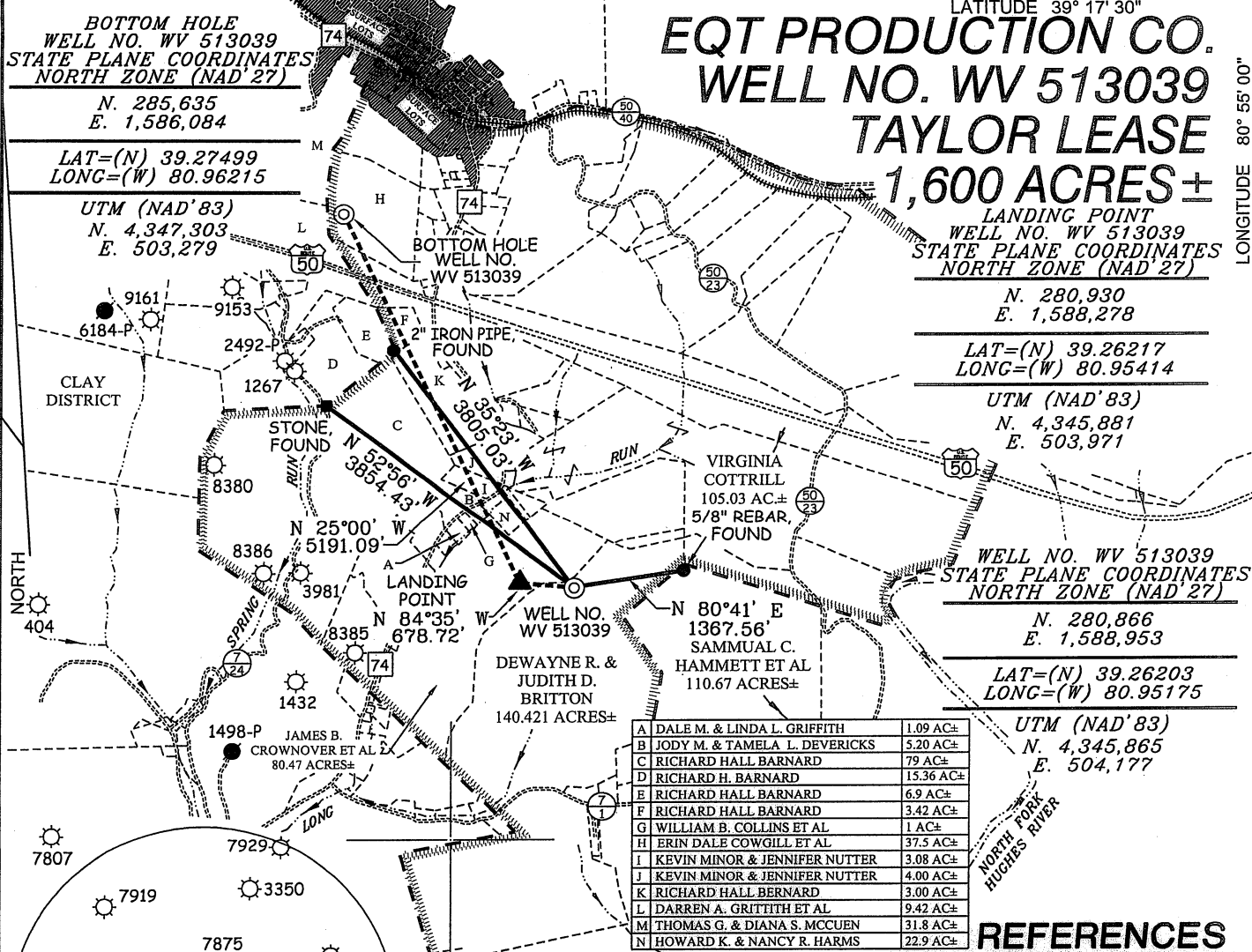
UTM (NAD'83)
N. 4,345,881
E. 503,971

WELL NO. WV 513039
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 280,866
E. 1,588,953

LAT=(N) 39.26203
LONG=(W) 80.95175

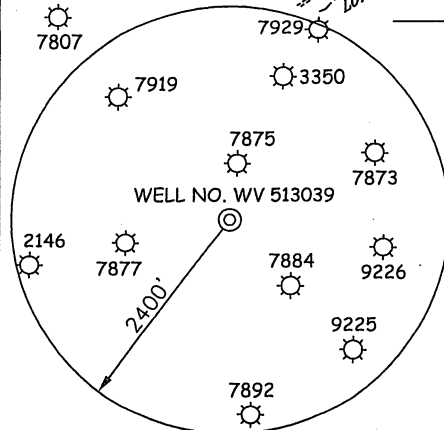
UTM (NAD'83)
N. 4,345,865
E. 504,177



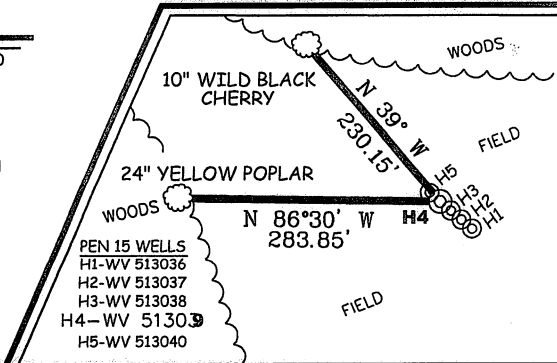
A	DALE M. & LINDA L. GRIFFITH	1.09 AC±
B	JODY M. & TAMELA L. DEVERICKS	5.20 AC±
C	RICHARD HALL BARNARD	79 AC±
D	RICHARD H. BARNARD	15.36 AC±
E	RICHARD HALL BARNARD	6.9 AC±
F	RICHARD HALL BARNARD	3.42 AC±
G	WILLIAM B. COLLINS ET AL	1 AC±
H	ERIN DALE COWGILL ET AL	37.5 AC±
I	KEVIN MINOR & JENNIFER NUTTER	3.08 AC±
J	KEVIN MINOR & JENNIFER NUTTER	4.00 AC±
K	RICHARD HALL BARNARD	3.00 AC±
L	DARREN A. GRITTH ET AL	9.42 AC±
M	THOMAS G. & DIANA S. MCCUEN	31.8 AC±
N	HOWARD K. & NANCY R. HARMS	22.9 AC±

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 09/03/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM MULTIPLE DEEDS PROVIDED BY EQT PRODUCTION COMPANY AND VARIOUS WELL PLATS.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2010.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



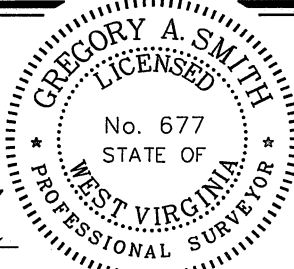
REFERENCES



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 JUNE 07, 20 11

OPERATORS WELL NO. WV 513039

API WELL NO. 47-085-09932H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7496P513039FINAL (296-73)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 2000'

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 1,116' WATERSHED LONG RUN OF NORTH FORK HUGHES RIVER

DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER DEWAYNE BRITTON ET UX ACREAGE 140.421 OF 1,600±

ROYALTY OWNER E. R. TAYLOR HEIRS LEASE ACREAGE 1,600±

PROPOSED WORK: LEASE NO. 105804

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD

FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

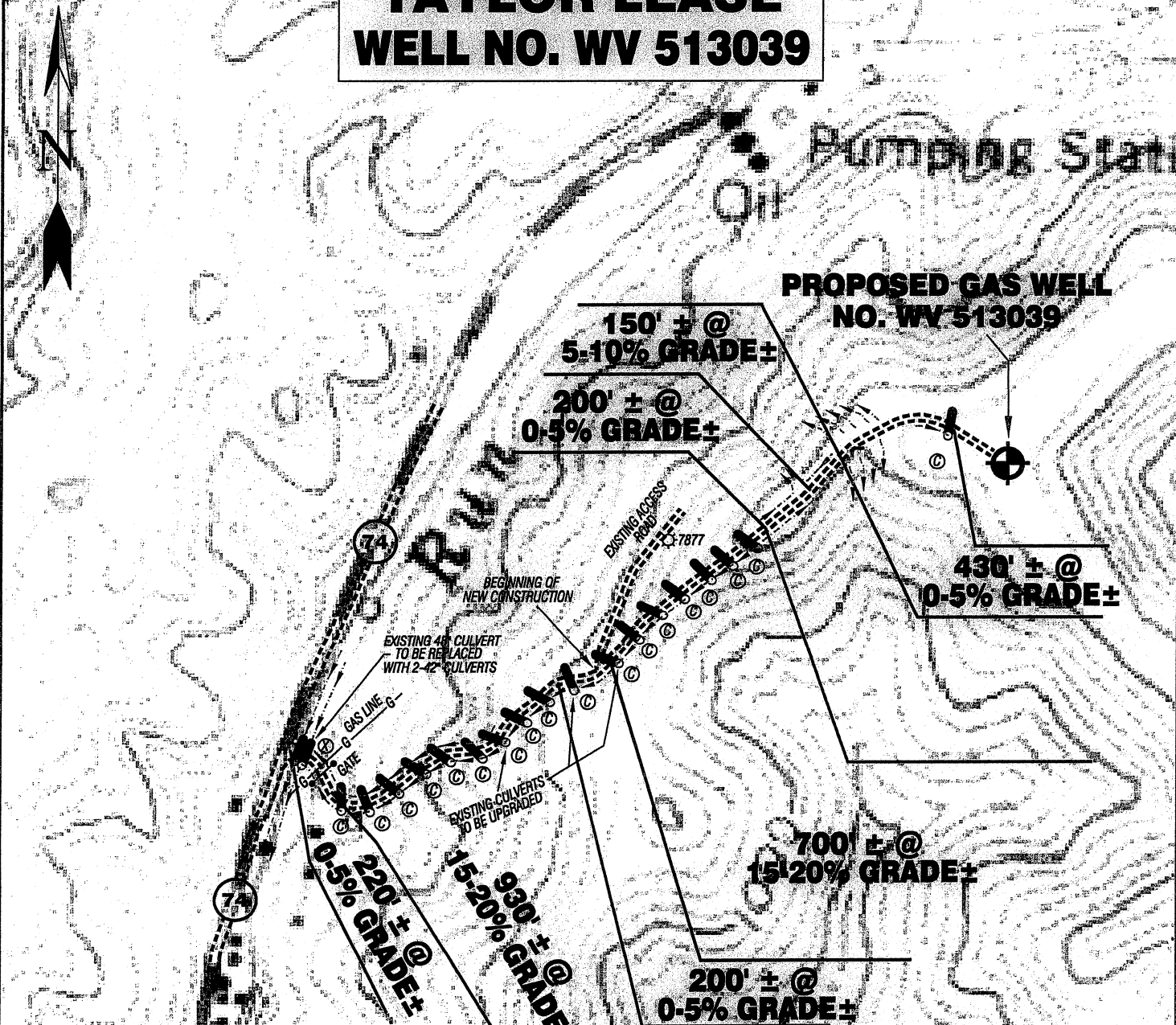
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION MARCELLUS

ESTIMATED DEPTH _____

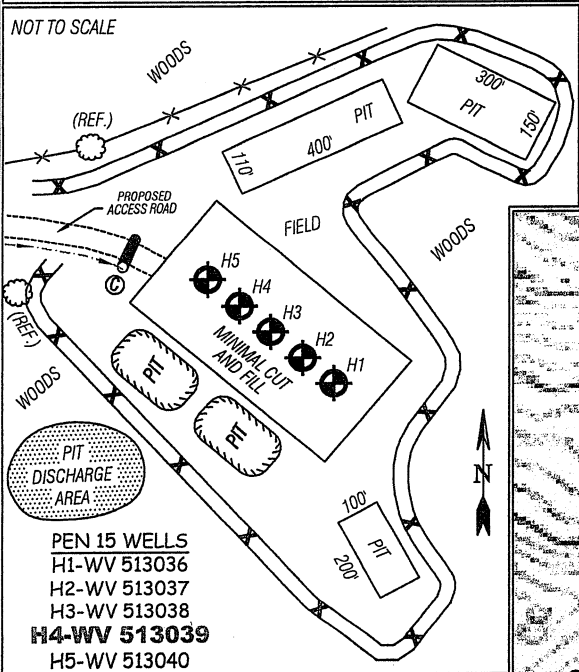
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY

ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

**EQT. PRODUCTION COMPANY
TAYLOR LEASE
WELL NO. WV 513039**



Detail Sketch for Proposed Well WV 513039



- PEN 15 WELLS
- H1-WV 513036
- H2-WV 513037
- H3-WV 513038
- H4-WV 513039**
- H5-WV 513040

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



SMITH LAND SURVEYING, INC.
P.O. BOX 150 GLENVILLE, WV, 26351

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DRAWN BY C.J.P.	FILE NO. 7496	DATE 06/07/11	CADD FILE: 7496RECWS13039R2.dwg
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TOPO SECTION OF USGS
PENNBSORO 7.5' QUADRANGLE