

EQT PRODUCTION CO. WELL NO. WV 514300 CORDER LEASE

WELL NO. WV 514300
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)

N. 297,172.8
E. 1,810,066.1

LAT=(N) 39.313967
LONG=(W) 80.171290

UTM (NAD'83)
N. 4,351,956.3
E. 571,458.4

LANDING POINT
WELL NO. WV 514300
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 297,260.8
E. 1,810,792.8

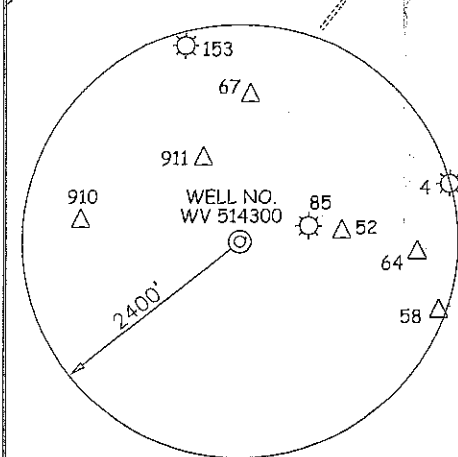
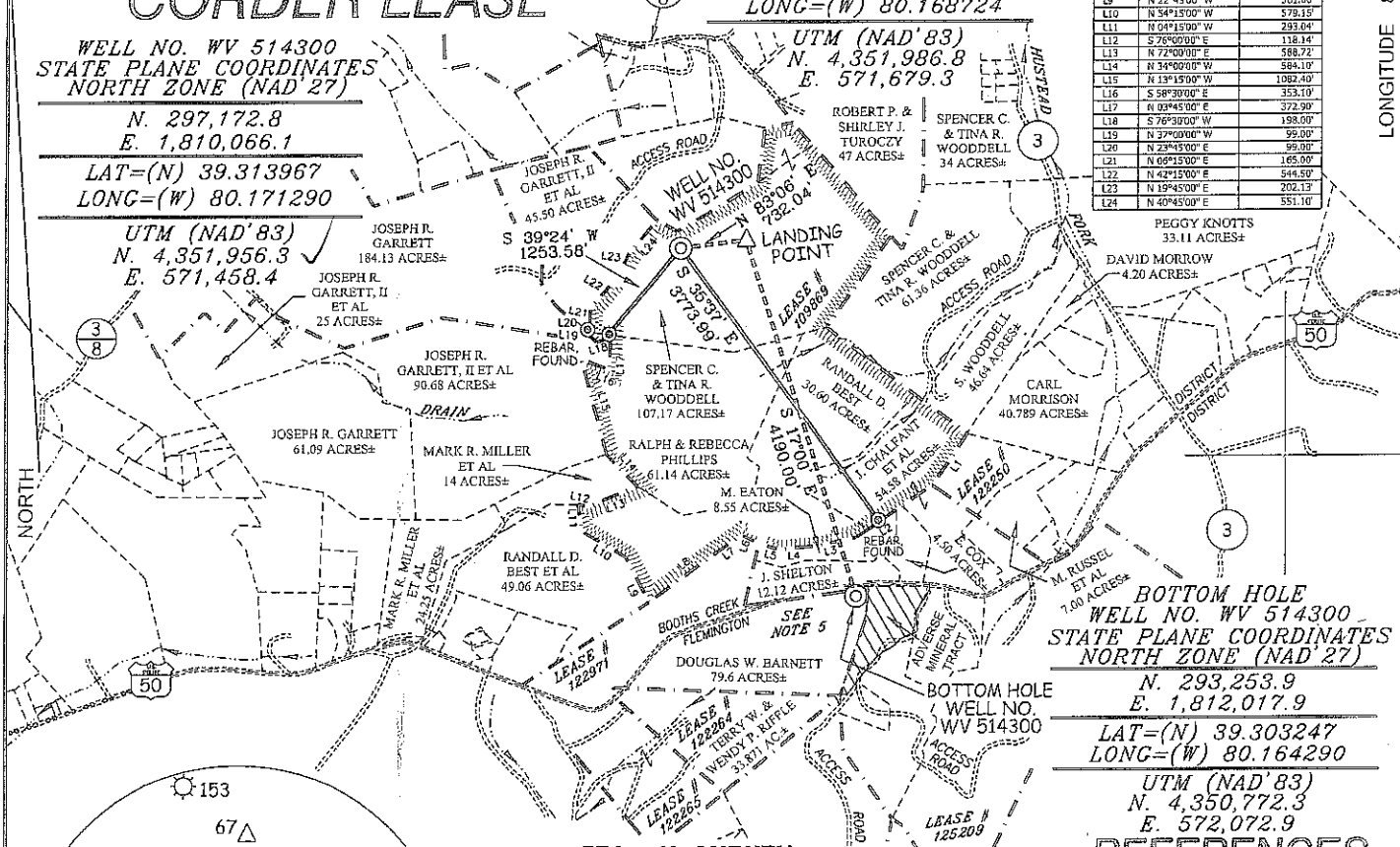
LAT=(N) 39.314223
LONG=(W) 80.168724

UTM (NAD'83)
N. 4,351,986.8
E. 571,679.3

LATITUDE 39°20'00"

LINE	BEARING	DISTANCE
L1	S 37°45'00" W	653.00'
L2	S 60°00'00" W	1023.00'
L3	S 82°30'00" W	471.90'
L4	S 89°15'00" W	411.16'
L5	N 65°15'00" W	209.22'
L6	S 29°15'00" W	34.75'
L7	N 56°00'00" W	231.00'
L8	S 58°00'00" W	1268.52'
L9	N 22°45'00" W	561.00'
L10	N 54°15'00" W	579.15'
L11	N 04°15'00" W	293.04'
L12	S 76°00'00" E	118.14'
L13	N 72°00'00" E	588.73'
L14	N 34°00'00" W	268.19'
L15	N 13°15'00" W	1082.40'
L16	S 58°30'00" E	353.10'
L17	N 03°45'00" E	372.90'
L18	S 76°30'00" W	198.00'
L19	N 37°00'00" W	99.00'
L20	N 23°45'00" E	99.00'
L21	N 68°15'00" E	165.00'
L22	N 42°15'00" E	544.50'
L23	N 19°45'00" E	202.13'
L24	N 40°45'00" E	551.10'

LONGITUDE 80°1'00"



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 DEED BOOK 59 PAGE 101 & DEED BOOK 224 PAGE 405.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF TAYLOR COUNTY IN JULY, 2011.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE).
5. U.S. RT. 50 IN THIS AREA APPEARS TO BE PART OF THE OLD NORTHWESTERN TURNPIKE, A STRIP OF LAND CLAIMED IN FEE BY THE WVDOT. SLS RECOMMENDS PROPER LEGAL & LEASING (IF NEEDED) PROCEDURES BE TAKEN BEFORE DRILLING COMMENCES.
6. PLAT DATED 04/21/10 REVISED 05/31/11 TO EXTEND HORIZONTAL LEG & CHANGE BOTTOM HOLE COORDINATES, & REVISED AGAIN 07/25/11 TO CHANGE SIX DIGIT WELL NUMBERS.

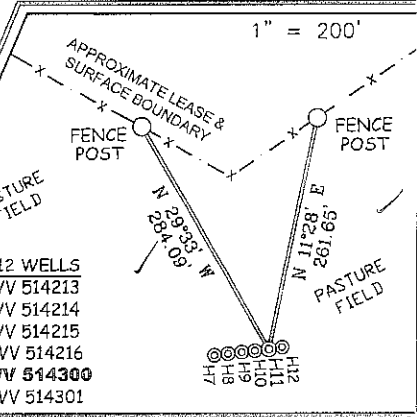
REFERENCES

BOTTOM HOLE
WELL NO. WV 514300
STATE PLANE COORDINATES
NORTH ZONE (NAD'27)

N. 293,253.9
E. 1,812,072.9

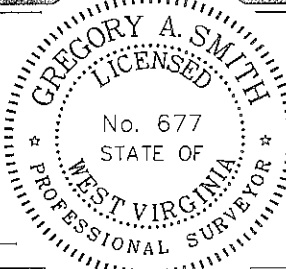
LAT=(N) 39.303247
LONG=(W) 80.164290

UTM (NAD'83)
N. 4,350,772.3
E. 572,072.9



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 JULY 25, 20 11
OPERATORS WELL NO. WV 514300
API WELL NO. 47-091-01249H
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7249P514300 (284-21)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2,000'

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 1,586.5' (GROUND) / 1,590' (PROPOSED) WATERSHED CORBIN BRANCH & HUSTEAD FORK
DISTRICT BOOTH'S CREEK COUNTY TAYLOR QUADRANGLE ROSEMONT 7.5'

SURFACE OWNER SPENCER C. & TINA R. WOODDELL ACREAGE 107.17±

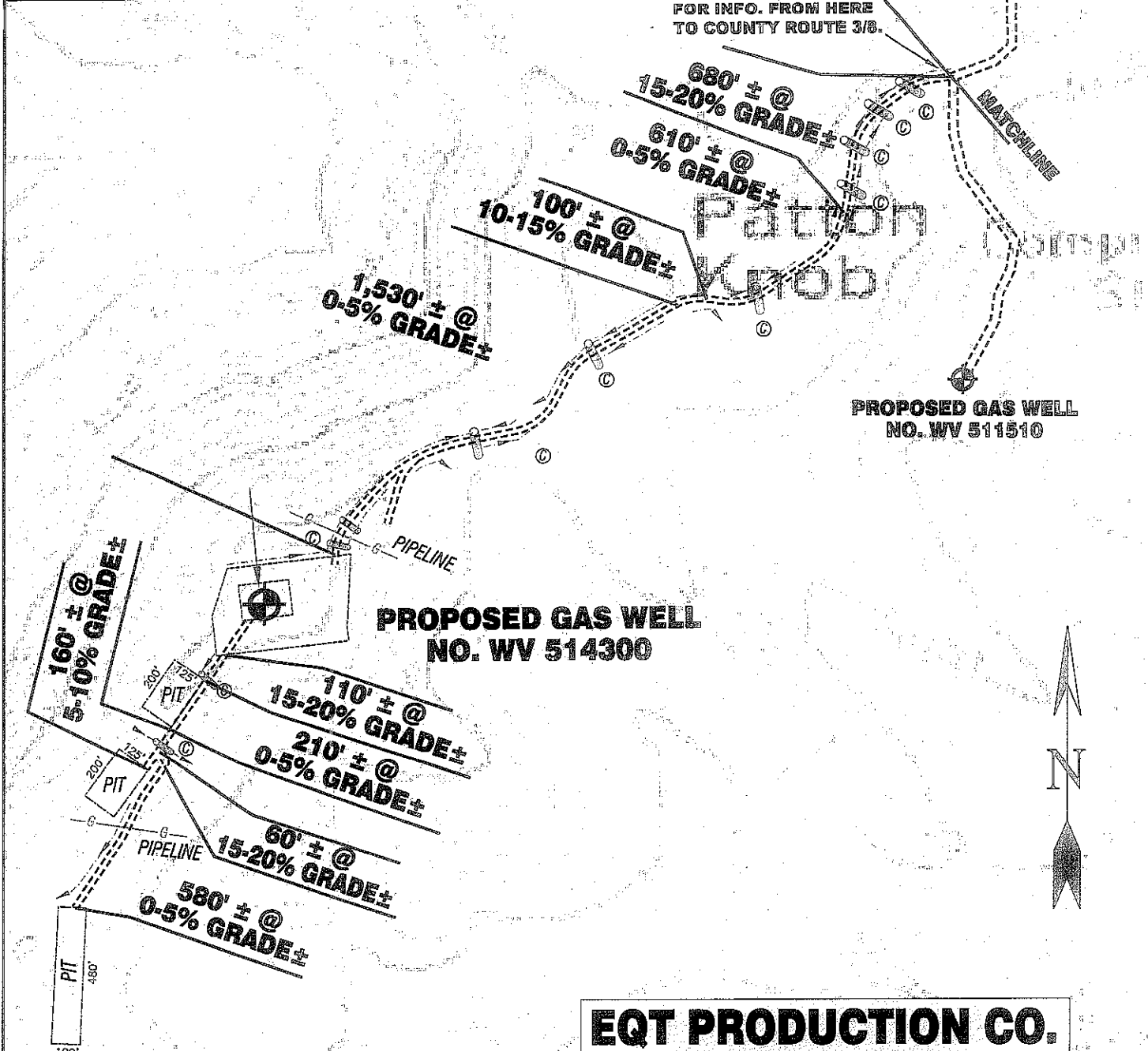
ROYALTY OWNER PEGGY KNOTTS ET AL (310 AC.±) / O.E. & EVA L. CORDER ET AL (240 AC.±) / D.W. BARNETT ET AL (81 AC.±)

PROPOSED WORK: LEASE NO. 109869 / 125209 / 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 _____

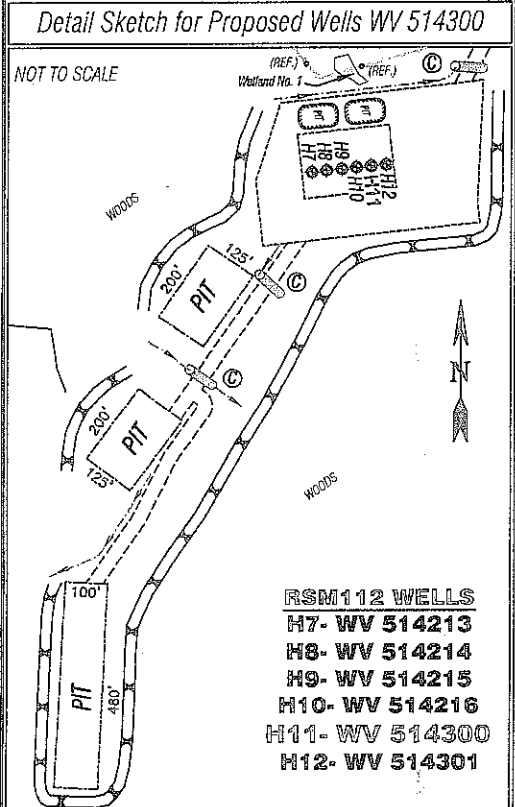
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS 1710 PENNSYLVANIA AVENUE
CHARLESTON, WV 25302 CHARLESTON, WV 25302

COUNTY NAME PERMIT

SEE ATTACHED REC PLAN FOR WV 513128 FOR INFO. FROM HERE TO COUNTY ROUTE 3/8.



**EQT PRODUCTION CO.
CORDER LEASE
WELL NO. WV 514300**



SCALE: 1" = 500'



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).

- = EXISTING CULVERT
- = PROPOSED CULVERT 15" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING (IF APPLIES) *SEE TABLE FOR CULVERT DETAIL

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. 7249	DATE 07/27/11	CADD FILE: 7249WVREC/WV514300.dwg
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TOPO SECTION OF USGS
ROSEMONT 7.5' QUADRANGLE