

CARNEGIE NATURAL GAS CO. LEASE (POCA-CARNEGIE)

WELL NO. WV 511971
STATE PLANE COORDINATES (SOUTH ZONE)

N. 205,002
E. 1,694,533

LAT=(N) 37.55823
LONG=(W) 82.05377

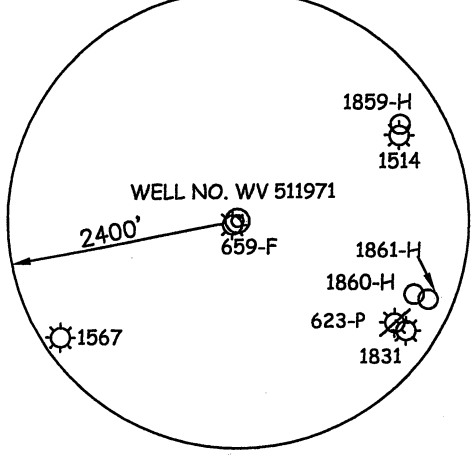
RODMAN E. THOMPSON JR.
38.60 ACRES±

LAURA LAND CO. ET AL
140.12 ACRES±

EXISTING WELL
A.P.I. 47-059-0659-F
STATE PLANE COORDINATES (SOUTH ZONE)

N. 204,986
E. 1,694,484

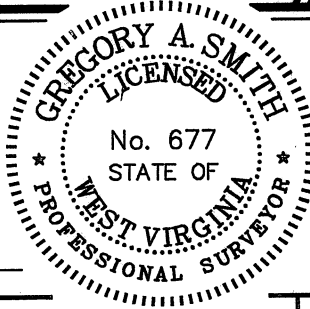
LAT=(N) 37.55818
LONG=(W) 82.05394



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



MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 4672P511971R (269-45)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1000'

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ IF "GAS" PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 814' WATERSHED BEECH CREEK DISTRICT MAGNOLIA COUNTY MINGO QUADRANGLE MAJESTIC 7.5'
SURFACE OWNER POCAHONTAS LAND CORPORATION ACREAGE 2,682.94±
ROYALTY OWNER PENN VIRGINIA OIL & GAS CORPORTATION LEASE ACREAGE 36,753.36± LEASE NO. 717459
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD ___ FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___ OTHER ___ PHYSICAL CHANGE IN WELL (SPECIFY) ___ TARGET FORMATION LOWER HURON ESTIMATED DEPTH 4,440' (TOTAL VERTICAL DEPTH)

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

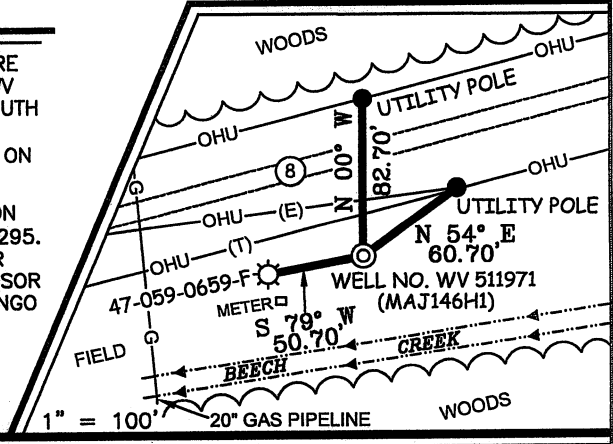
36,753.36 ACRES± WELL NO. WV 511971

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/23/08.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 122 PAGE 295.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF MINGO COUNTY IN JULY, 2008.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

BEARING	DISTANCE		(N)	(E)	(LAT.)	(LONG.)
A N 66°27' W	875.61'	POINT 1	205,352	1,693,730	37.55916	82.05655
B N 58°24' W	328.23'	POINT 2	205,524	1,693,450	37.55963	82.05752
C N 53°44' W	236.43'	POINT 3	205,664	1,693,260	37.56000	82.05819
D N 38°35' W	181.54'	POINT 4	205,808	1,693,147	37.56039	82.05868
E N 36°03' W	269.69'	POINT 5	206,024	1,692,988	37.56098	82.05914
F N 28°47' W	1,958.87'	BH 511971	207,741	1,692,045	37.56567	82.06246

REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 10, 20 09

OPERATORS WELL NO. WV 511971
API WELL NO. 47-059-02099H
STATE COUNTY PERMIT

CANCELLED

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



COUNTY NAME MINGO PERMIT

02/03/2012