

WELL NO. CENT19AHS

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C.(FT) N. 741,480 E. 2,236,931
NAD'27 GEO. LAT-(N) 39.03328 LONG-(W) 80.16599
NAD'83 UTM (M) N. 4,320,811 E. 572,202

LANDING POINT

NAD'27 S.P.C.(FT) N. 740,510 E. 2,236,366
NAD'27 GEO. LAT-(N) 39.03063 LONG-(W) 80.16801
NAD'83 UTM (M) N. 4,320,516 E. 572,030

BOTTOM HOLE

NAD'27 S.P.C.(FT) N. 731,821 E. 2,239,527
NAD'27 GEO. LAT-(N) 39.00670 LONG-(W) 80.15716
NAD'83 UTM (M) N. 4,317,869 E. 572,993

SURFACE OWNERS	
A	EARL HOLLEY JR. ET AL 0.828 AC ±
B	UPSHUR COUNTY COMMISSION 1.28 AC ±
C	WILLIAM B. PAMELA BRANSON 5 AC ±
D	TRACY & DAVID FITZGERALD 5 AC ±
E	WILLIAM P. ROHR 338.82 AC ±
F	ERVIN & MADELINE SKINNER 124.41 AC ±
G	T & B VENTURES LLC BKHN RIVER PROPS LP 314.25 AC ±
H	TIMOTHY G. HUNTER 50.16 AC ±
I	HOWARD G. BLUM 113.65 AC ±

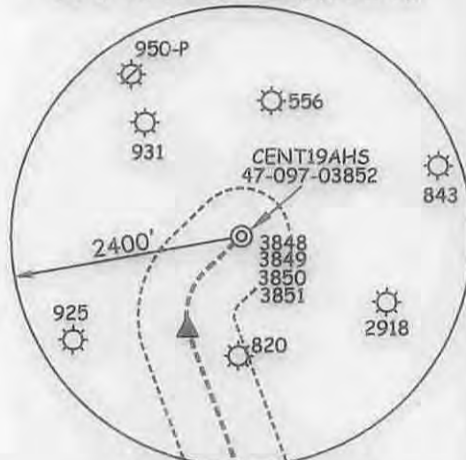
ROYALTY OWNERS		
TRACT 1	HARRIET M. JARVIS ET AL 485 AC ±	LEASE NO. 132520000
TRACT 2	VIRGINIA M. P. MEIER ET AL 86.80 AC ±	LEASE NO. 132557000
TRACT 5	ERVIN SKINNER 45.30 AC ±	LEASE NO. 255579001
TRACT 7	NELL RADABAUGH 132 AC ±	LEASE NO. 1325597000
TRACT 8	JACK W. HUNTER ET AL 50.16 AC ±	LEASE NO. 263783000
TRACT 10	HILL & AMYE STUMP ET AL 50 AC ±	LEASE NO. 132597000
TRACT 11	HILL & AMYE STUMP ET AL 9.75 AC ±	LEASE NO. 132597000
TRACT 12	MABEL & RAYMOND STEEL 113.12 AC ±	LEASE NO. 251768001
	ANDREW & CAROLYN BRINKLEY	LEASE NO. 251768002
	PORTER & ROSA BRINKLEY	LEASE NO. 267299000
	MABEL & RAYMOND STEEL	LEASE NO. 251768001
TRACT 13	ANDREW & CAROLYN BRINKLEY 5 AC ±	LEASE NO. 251768002
	PORTER & ROSA BRINKLEY	LEASE NO. 267299000
	MABEL & RAYMOND STEEL	LEASE NO. 251768001
TRACT 16	ANDREW & CAROLYN BRINKLEY 8 AC ±	LEASE NO. 251768002
	PORTER & ROSA BRINKLEY	LEASE NO. 267299000
	MABEL & RAYMOND STEEL	LEASE NO. 251768001
TRACT 17	ANDREW & CAROLYN BRINKLEY 5 AC ±	LEASE NO. 251768002
	PORTER & ROSA BRINKLEY	LEASE NO. 267299000
	MABEL & RAYMOND STEEL	LEASE NO. 251768001
TRACT 18	ANDREW & CAROLYN BRINKLEY 5 AC ±	LEASE NO. 251768002
	PORTER & ROSA BRINKLEY	LEASE NO. 267299000

LEGEND

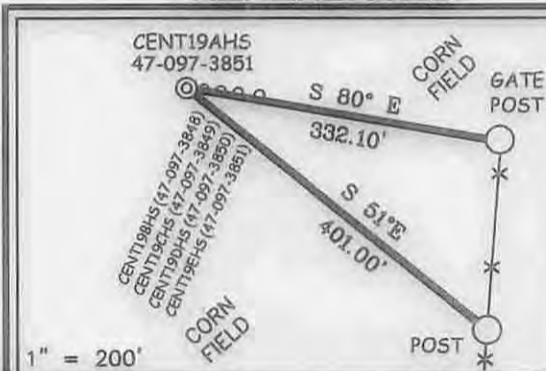
LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
TIE LINE	---
CREEK	---
ROAD	---
FENCE LINE	---
ROYALTY OWNERS	▲
SURFACE OWNERS	▲
COUNTY ROUTE	○
PROPOSED WELL	⊙
EXISTING WELL	⊙

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. OR DWELLINGS WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.



REFERENCES



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE APRIL 08 , 20 13
 REVISED FEBRUARY 10 , 20 15
 OPERATORS WELL NO. CENT19AHS
 API WELL NO. 47-97-03857
 STATE 47 COUNTY 97 PERMIT 03857



Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING, INC.
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 ENGINEERS
 ENVIRONMENTAL
 PROJECT MGMT.
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I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. 7830P19AHSr8
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY 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: GROUND PROPOSED ELEVATION 1582.0' 1585.0' WATERSHED BUCKHANNON RIVER

DISTRICT WARREN COUNTY UPSHUR QUADRANGLE CENTURY 7.5'

SURFACE OWNER WILLIAM P. ROHR ACREAGE 338.82±

ROYALTY OWNER HARRIET M. JARVIS ET AL ACREAGE 485±

PROPOSED WORK: 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 TVD 7,600' / TMD 18,033'

WELL OPERATOR CNX GAS COMPANY, LLC. DESIGNATED AGENT MATTHEW IMRICH
 ADDRESS P.O. BOX 1248 ADDRESS P.O. BOX 1248
JANE LEW, WV 26378 JANE LEW, WV 26378

03/06/2015