

MARY F. HIGGINBOTHAM ET AL LEASE

500 ACRES ±

WELL NO. WV 511416

LATITUDE 39°00'00"

LONGITUDE 80°17'30"

BOTTOM HOLE
WELL NO. WV 511416
STATE PLANE COORDINATES
(SOUTH ZONE)

N. 732,324
E. 2,197,266

LAT=(N) 39.00904
LONG=(W) 80.30585

UTM (NAD83)(METERS)

N. 4,318,020
E. 560,117

WELL NO. WV 511416
STATE PLANE COORDINATES
(SOUTH ZONE) (NAD27)

N. 724,950
E. 2,199,950

LAT=(N) 38.98874
LONG=(W) 80.29660

UTM (NAD83)(METERS)

N. 4,315,773
E. 560,935

OWNER	ACRES±
A JAMES LEROY MEHR	24.39
B CHARLES J. & JEAN C. JOHNSON	86.15
C BLAIRE SNYDER	3.49
D STEVEN M. CASTO	146.915
E EDWIN M. QUEEN	80
F DORIS JEAN ARNOVITZ	66.76
G EVA KATHRYN HOWES	80
H ERIC S. & SHERRY L. CLAUS	2.33
I ERIC S. & SHERRY L. CLAUS	1.38
J JOSEPH & BELINDA GONTAREK	2.383
K RICHARD CARL CURRY	14.5
L KATHERINE L. & MIKE J. CRAWFORD	1.23
M RICHARD BOOTH ET AL	78.87
N DARRYL D. BEVERLIN	2.30
O JACK A. & SHARON L. LEWIS	3.09
P JOAN D. STILTNER	2.0
Q TIMOTHY S. RATLIFF	1.19
R CLIFFORD & ALDA E. SUMMERS	1.96
S JAMES E. DOWELL	9.59
T BRADFORD KNIGHT, JR.	1.48
U JO ANN HOOVER	1.0
V JO ANN HOOVER	18.5
W SHARON WILLIAMS	20.00
X GARY L. DOWELL	3.12
Z JACKIE A. OR SHARON L. LEWIS	2.45
AA RANDAL G. & BARBARA SHIPLEY	100
BB GARY L. DOWELL	47.18
CC MAMIE STARKEY	44.96
DD LYNN & ARMILDA HARRIS	57.95
EE JOHN SKRUCK	7.98
FF MIKE ROSS INC	77.50
GG RICHARD C. CURRY ET AL	LOT

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 06/18/10.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED RECORDED IN DEED BOOK 399 AT PAGE 785.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN JULY, 2011. PARCELS AFFECTED BY CURRENT CHANGES CHECKED JULY, 2013.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).
6. ORIGINAL PLAT DATED 11/10/11 REVISED 07/29/11 TO UPDATE SPOT CIRCLE & ADJOINER INFORMATION & 11/13/13 TO EXTEND LEG & UPDATE, ETC.
7. NO WATER WELLS WERE FOUND WITHIN 250 FEET OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS (GREATER THAN 2500 SQUARE FEET) OR DWELLINGS WERE FOUND WITHIN 625 FEET OF CENTER OF PROPOSED WELL PAD.
8. PLAT UPDATED ON 08/22/14 TO SHOW THE AS DRILLED PATH COORDINATES FROM INFORMATION PROVIDED BY EOT ON 04/28/14.



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. C. Victor Moyers
849



AS DRILLED INFORMATION

BOTTOM HOLE WELL NO. WV 511416 STATE PLANE COORDINATES (SOUTH ZONE)	WELL NO. WV 511416 STATE PLANE COORDINATES (SOUTH ZONE) (NAD27)
N. 732,313 E. 2,197,233	N. 724,950 E. 2,199,950
LAT=(N) 39.00901 LONG=(W) 80.30596	LAT=(N) 38.98874 LONG=(W) 80.29660
UTM (NAD83)(METERS)	UTM (NAD83)(METERS)
N. 4,318,016 E. 560,107	N. 4,315,773 E. 560,935

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 13, 20 13
REVISED DATE AUGUST 22, 20 14
OPERATORS WELL NO. WV 511416
API WELL NO. 47-097-03813
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 6282ASDRILLED511416
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 1,572' (ACTUAL PAD) WATERSHED TRIBUTARY OF SPRUCE FORK
DISTRICT BUCKHANNON COUNTY UPSHUR QUADRANGLE ADRIAN 7.5'

SURFACE OWNER CHARLES R. BELL, SR. ACREAGE 357.639±

ROYALTY OWNER BISHOP OF THE PROTESTANT EPISCOPAL CHURCH OF THE DIOCESE OF W.V. (500 AC±) / WINDAMAR, INC. ET AL (151.12 AC±) 09/19/2014

PROPOSED WORK: LEASE NO. 121717 / 991894
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 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT