

LATITUDE 39°12'30"

SURFACE OWNERS		
A	MELVIN AND RENEE HOWDERSHOLT	TM 19 PAR. 41
B	MELVIN AND RENEE HOWDERSHOLT	TM 19 PAR. 40
C	IRA G. AND CAROL HOVATTER	TM 19 PAR. 38
D	NEW HOPE VALLEY CHURCH	TM 19 PAR. 42
E	NEW HOPE VALLEY U.M. CHURCH	TM 19 PAR. 38.1
F	CHURCH LOT	
G	IRA G. AND CAROL HOVATTER	TM 19 PAR. 43
H	BETTY L. KELLEY ET AL	TM 19 PAR. 47
I	RONALD AUVIL	TM 19 PAR. 50
J	ELWOOD AND PENNY CANFIELD	TM 19 PAR. 41.5
K	ELWOOD CANFIELD	TM 19 PAR. 41.2
L	ERIC AND LISA EVIX	TM 19 PAR. 41.3
M	ERIC HOWDERSHOLT	TM 19 PAR. 41.4
N	MELVIN AND RENEE HOWDERSHOLT	TM 19 PAR. 41.1
O	LORETHA M. ANNON LEGACY TRUST ET AL	TM 19 PAR. 51
P	GLEN MOORE ET UX	TM 18 PAR. 08
Q	DORSEY AND MAUDIE POLING ET AL	TM 18 PAR. 07
R	THOMAS W. OWENS	TM 18 PAR. 10
S	THOMAS W. OWENS	TM 18 PAR. 09
T	ELBERT McLEAN ET UX	TM 18 PAR. 39
U	MARK AND ELOISE HOLLEN	TM 18 PAR. 30
V	THOMAS AND RAMILE POLING	TM 18 PAR. 32
W	PAUL AND JOHN ADAMS	TM 18 PAR. 31
X	JAMES B. ANCELL	TM 26 PAR. 01
Y	JAMES B. ANCELL	TM 26 PAR. 02
Z	ROMMELL FAMILY TRUST	TM 26 PAR. 05
AA	ROMMELL FAMILY TRUST	TM 26 PAR. 05.1
BB	KEVIN KLINGENSMITH ET AL	TM 26 PAR. 08
CC	JOHN SHAFFER ET UX	TM 26 PAR. 03.1
DD	HARRY T. SHAFFER ET AL	TM 26 PAR. 03
EE	GERTRUDE HALLER	TM 26 PAR. 04
FF	MARY MOCCIO	TM 04 PAR. 08
GG	MARY MOCCIO	TM 04 PAR. 05
HH	BRIAN PURKEY ET AL	TM 04 PAR. 01
II	JERRY D. HALLER ET UX	TM 26 PAR. 4.1
JJ	DOWARD MATLICK ET UX	TM 25 PAR. 41
KK	DOWARD MATLICK ET UX	TM 25 PAR. 43
LL	JEAN G. MARSH ET AL	TM 25 PAR. 40.3
MM	GARY A. MARSH	TM 25 PAR. 40
NN	GLEN MOORE ET UX	TM 15 PAR. 13

LONGITUDE 79°52'30"

NOTES ON SURVEY

1. NO WATER WELLS OR DEVELOPED SPRINGS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS
2. TAX MAPS IN THIS AREA WERE FOUND TO CONTAIN SIGNIFICANT ERROR. PROPERTY LINES SHOWN HEREON WERE TAKEN FROM DEEDS AND FIELD EVIDENCE.
3. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD' 27.
4. PARCEL 13 ON TAX MAP 15 IS ACTUALLY LOCATED ON TAX MAP 18 NORTH OF PARCEL 10.

HOWDERSHOLT LEASE WELL NO. 210

(NAD'83 UTM (METERS) ZONE 17 NORTH)

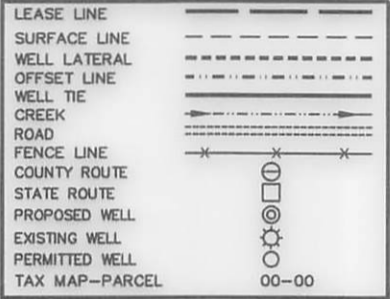
TOP HOLE
N. 4,339,235 E. 597,122

LANDING POINT
N. 4,338,907 E. 597,070

BOTTOM HOLE
N. 4,337,025 E. 597,948

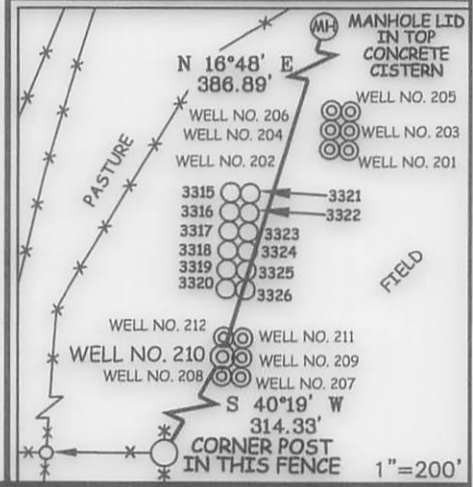


LATERAL ROYALTY OWNERS		
1	MELVIN HOWDERSHOLT ET UX	158.94 AC±
2	JAMES ANCEL ET UX	49.46 AC± & 118 AC±
3	ROMMELL FAMILY TRUST	111 AC±
4	V. ERIC HOWDERSHOLT	2.15 AC±



CANCELLED

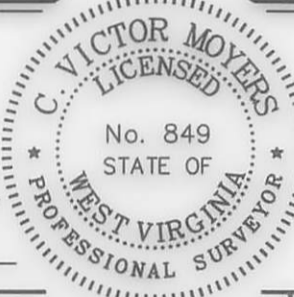
REFERENCES



Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.

SLS
SURVEYORS
ENGINEERS
ENVIRONMENTAL
PROJECT MGMT.

(304) 462-6634 WWW.SLSSURVEYS.COM



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

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE JULY 14, 20 14
REVISED _____, 20 _____
OPERATORS WELL NO. 210
API WELL NO. 47-001-03324
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7962P210R5
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) 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 1,564 (GROUND) 1,557 (PROPOSED) WATERSHED BRUSHY FORK OF TETER CREEK
DISTRICT COVE COUNTY BARBOUR QUADRANGLE NESTORVILLE 7.5'

SURFACE OWNER MELVIN AND RENEE HOWDERSHOLT ACREAGE 158.94±
ROYALTY OWNER MELVIN AND RENEE HOWDERSHOLT ACREAGE 158.94±

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 7,845' / TMD 15,166'

WELL OPERATOR MOUNTAINEER KEYSTONE LLC DESIGNATED AGENT NATHAN SKEEN
ADDRESS 1111 VAN VOORHIS ROAD, SUITE G MORGANTOWN, WV 26505 ADDRESS 1111 VAN VOORHIS ROAD, SUITE G MORGANTOWN, WV 26505

COUNTY BARBOUR

01/15/2016



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

January 12, 2016

FINAL INSPECTION REPORT

Well Permit Cancelled

MOUNTAINEER KEYSTONE, LLC,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-103324, issued to MOUNTAINEER KEYSTONE, LLC, and listed below has been received in this office. The permit has been cancelled as of 1/11/2016.

James Martin
Chief

Operator: MOUNTAINEER KEYSTONE, LLC
Operator's Well No: HOWDERSHELT 210
Farm Name: HOWDERSHELT, MELVIN & REN
API Well Number: 47-103324
Date Issued: 01/09/2014

Date Cancelled: 01/11/2016

Promoting a healthy environment.

01/15/2016

INSPECTORS PERMIT SUMMARY FORM

GPS YES [] NO []

DATE STARTED/LOCATION: _____ OPERATOR: MOUNTAINEER KEYSTONE, LLC
 DRILLING COMMENCED: _____ FARM: HOWDERSHELT, MELVIN & RENEE
 TO DATE: _____ DEPTHS: _____ Well No: HOWDERSHELT 210
 WATER DEPTHS: _____ COAL DEPTHS: _____

QUESTIONS FOR THIS REPORT ARE IN ACCORDANCE OF WV CODE 22-6-30 AND REGULATIONS 35CSR 4-12.1 AND 35CSR 4-16 AND THE GENERAL WATER POLLUTION CONTROL PERMIT.

POINTS ARE TO BE GIVEN UP TO MAXIMUM AS SHOWN BASED ON PERFORMANCE.

1. DID OPERATOR GIVE PROPER NOTICE TO INSPECTOR BEFORE THE FOLLOWING:
 - A. CONSTRUCTION YES [] NO [] (2_PTS) (4_PTS) _____
 - B. DRILLING YES [] NO [] (2_PTS)
2. WAS THE TIMBER CUT, STACKED, AND BRUSH USED FOR SEDIMENT BARRIERS BEFORE DIRT WORK STARTED? YES [] NO [] (2_PTS) (4_PTS) _____
3. ARE ALL LOCATION AND/OR ROAD BANKS BEING SLOPED? YES [] NO [] (4_PTS) (4_PTS) _____
4. CONSTRUCTIONS:
 WERE THE FOLLOWING SEDIMENT CONTROL STRUCTURES PROPERLY INSTALLED/MAINTAINED?
 - A. ROAD DITCHES (1)_ (2)_ (3)_ (4)_ (PTS) B. CROSS DRAINS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS)
 - C. CULVERTS (1)_ (2)_ (3)_ (4)_ (5)_ (PTS) D. CREEK CROSSINGS (1)_ (2)_ (3)_ (PTS)
 - E. DIVERSION DITCHES (1)_ (2)_ (3)_ (PTS) F. BARRIERS (1)_ (2)_ (3)_ (PTS)
 - G. TEMPORARY SEEDING YES [] NO [] (10_PTS)

POINTS AVAILABLE FOR QUESTION 4: (33_PTS) _____

5. HAS TOP SOIL (IF ANY) BEEN STOCKED PILED? YES [] NO [] (2_PTS) (2_PTS) _____
6. IS THE PIT PROPERLY INSTALLED AND MAINTAINED? YES [] NO [] (9_PTS) (9_PTS) _____
7. RECLAMATION:
 - A. ROADWAY (1)_ (2)_ (3)_ (PTS) B. LOCATION (1)_ (2)_ (3)_ (PTS)
 - C. PITS (1)_ (2)_ (3)_ (PTS) D. PIPELINES (1)_ (2)_ (3)_ (PTS)
 - E. TANK DIKES (1)_ (2)_ (3)_ (PTS) F. API INSTALLED YES [] NO [] (3_PTS)
 - G. ADEQUATE SEEDING MATERIALS (1)_ (2)_ (3)_ (PTS)
 - H. WAS SEED BED ADEQUATE (1)_ (2)_ (3)_ (PTS)

POINTS AVAILABLE FOR QUESTION 7: (24_PTS) _____

8. WAS RECLAMATION COMPLETED WITHIN:
 6 MTHS OF TD 6_PTS ONLY; 4 MTHS OF TD 12_PTS ONLY; 2 MTHS OF TD 19_PTS ONLY;
 POINTS AVAILABLE FOR QUESTION 8: (19_PTS) _____

TOTAL MAXIMUM POSSIBLE SCORE OF 99.

TOTAL RECLAMATION SCORE: _____

1-11-16
 DATE RELEASED
 CANCELED

Samuel Reynolds
 INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2