

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	GLEN MOORE ET UX	TM 15 PAR. 13
R	DORSEY AND MAUDIE POLING ET AL	TM 18 PAR. 07
S	THOMAS W. OWENS	TM 18 PAR. 10
T	THOMAS W. OWENS	TM 18 PAR. 09
U	ELBERT MGLEAN ET UX	TM 18 PAR. 39
V	MARK AND ELOISE HOLLEN	TM 18 PAR. 30
W	DORSEY AND MAUDIE POLING ET AL	TM 18 PAR. 07.2
X	DORSEY AND MAUDIE POLING ET AL	TM 18 PAR. 07.1
Y	CLEARENCE AND BETTY MILLER	TM 18 PAR. 12
Z	GLEN AND WANDA MOORE	TM 18 PAR. 12.1
AA	RONALD AND GLADOLENE MARTIN	TM 18 PAR. 29.1
BB	JUANITA MARTIN	TM 18 PAR. 29
CC	THOMAS AND RAMILE POLING	TM 18 PAR. 32
DD	PAUL AND JOHN ADAMS	TM 18 PAR. 31
EE	TRACY JO MARSH KNOTTS	TM 18 PAR. 28
FF	CARL DAUGHERTY HRS	TM 18 PAR. 33
GG	JAMES B. ANCELL	TM 26 PAR. 01
HH	JAMES B. ANCELL	TM 26 PAR. 02
II	ROMMELL FAMILY TRUST	TM 26 PAR. 05
JJ	ROMMELL FAMILY TRUST	TM 26 PAR. 05.1
KK	KEVIN KLINGENSMITH ET AL	TM 26 PAR. 06
LL	RICHARD AND BETH BOYCE	TM 26 PAR. 07
MM	JOHN SHAFFER ET UX	TM 26 PAR. 03.1
NN	HARRY T. SHAFFER ET UX	TM 26 PAR. 03
OO	GERTRUDE HALLER	TM 26 PAR. 04
PP	MARY MOCCIO	TM 04 PAR. 08
QQ	MARY MOCCIO	TM 04 PAR. 05
RR	BRIAN PURKEY ET AL	TM 04 PAR. 01
SS	JERRY D. HALLER ET UX	TM 26 PAR. 4.1



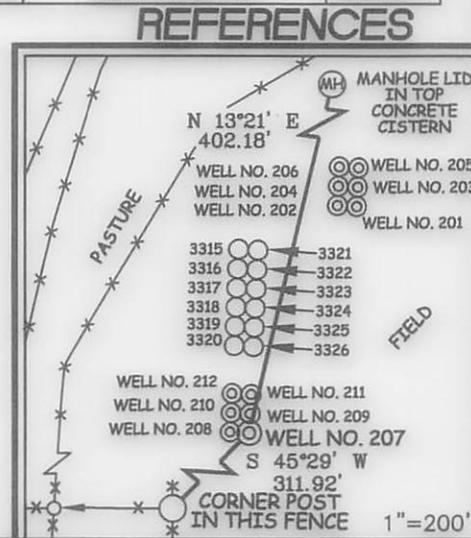
**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.

**SLS**  
 SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.

(304) 462-6634 WWW.SLSURVEYS.COM

LATERAL ROYALTY OWNERS

1	MELVIN AND RENEE HOWDERSHOLT	158.94 AC.±
2	GLEN MOORE ET UX	82.50 AC.±
3	MARK HOLLEN	70 AC.±
4	HARRY T. SHAFFER ET UX	111 AC.±
5	JOHN SHAFFER ET UX	
6	THOMAS W. POLING	174 AC.±
7	PAUL ADAMS	109 AC.±
8	JOHN ADAMS ET UX	
9	ROMMELL FAMILY TRUST	178.02 AC.±
10	THOMAS W. OWENS	6.84 AC.±
11	MELVIN AND RENEE HOWDERSHOLT	1.97 AC.±



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JULY 14, 20 14

REVISED \_\_\_\_\_, 20 \_\_\_\_\_

OPERATORS WELL NO. 207

API WELL NO. 47 - 001 - 03321

STATE 47 COUNTY 001 PERMIT 03321

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7962P207R6

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 X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW X

LOCATION: ELEVATION 1,570(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 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 MARCELLUS ESTIMATED DEPTH TVD 7,845' / TMD 15,750'

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 PERMIT



---

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: 47-103321, 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 207  
Farm Name: HOWDERSHELT, MELVIN & REN  
**API Well Number: 47-103321**  
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 207  
 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 FILED? 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  
 CANCELLED

*Conrad Reynolds*  
 INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2