

LATERAL ROYALTY OWNERS		
1	MELVIN & RENEE HOWDERSHOLT	158.94 AC±
2	MELVIN & RENEE HOWDERSHOLT	71.78 AC±
3	TOMMY & DOTTIE FREEMAN	92 AC±
4	GLEN MOORE ET UX	82.50 AC±
5	ELIZABETH BOLYARD ET AL	26.40 AC±
6	DAVID AND MARY TINCHER	
7	IRA G. AND CAROL HOVATTER	79 AC±
8	ADAM ROHRIG JR. ET UX	83 AC±
9	JEAN KINES	103 AC±
10	ROBERT AND BERNICE PITZER	7.27 AC±
STATE OF WEST VIRGINIA (TURNPIKE)		

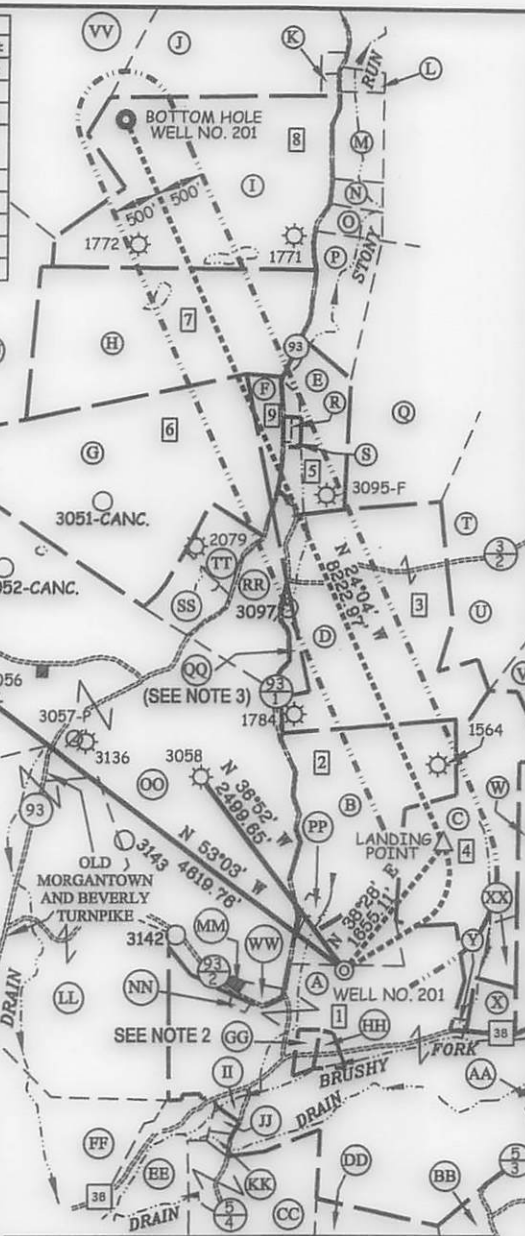
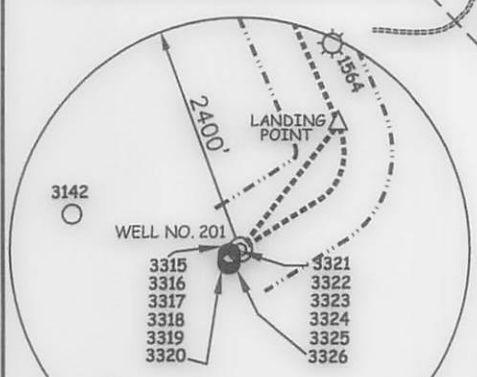
**NOTES ON SURVEY**

- NO WATER WELLS OR DEVELOPED SPRINGS 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. NO RAILROADS WERE FOUND WITHIN THE SCOPE OF THIS PLAT.
- TAX MAPS IN THIS AREA WERE FOUND TO CONTAIN SIGNIFICANT ERROR. PROPERTY LINES SHOWN HEREON WERE TAKEN FROM DEEDS AND FIELD EVIDENCE.
- DUE TO POOR DEED DESCRIPTION AND PARTIALLY INCORRECT TAX MAPS THE ACTUAL LOCATION OF 1.56 AC. TRACT IS NOT DEFINITE. THE CURRENT LAND OWNER IS UNCERTAIN OF ITS LOCATION. TAX MAP 14 SHOWS SAID LOT NORTH OF JOHN FITZWATER. SLS BELIEVES TRACT COULD BE LOCATED WHERE INDICATED BY CIRCLED QQ.
- TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD' 83.
- PARCEL 13 ON TAX MAP 15 IS ACTUALLY LOCATED ON TAX MAP 18 NORTH OF PARCEL 10.

**LEGEND**

LEASE LINE	---
SURFACE LINE	---
WELL LATERAL	---
OFFSET LINE	---
WELL TIE	---
CREEK	---
ROAD	---
FENCE LINE	---
COUNTY ROUTE	---
STATE ROUTE	---
PROPOSED WELL	⊙
EXISTING WELL	⊙
PERMITTED WELL	⊙
TAX MAP-PARCEL	00-00

NORTH



LATITUDE 39°12'30"

SURFACE OWNERS		
A	MELVIN & RENEE HOWDERSHOLT	TM 19 PAR. 41
B	MELVIN & RENEE HOWDERSHOLT	TM 19 PAR. 40
C	GLEN MOORE ET UX	TM 18 PAR. 8
D	TOMMY & DOTTIE FREEMAN	TM 19 PAR. 39.1
E	ELIZABETH BOLYARD ET AL	TM 14 PAR. 53
F	ROBERT & BERNICE PITZER	TM 14 PAR. 37
G	IRA G. HOVATTER ET UX	TM 14 PAR. 38
H	A.C. BARBOUR, LLC C/O LINDA K. ROHRIG	TM 14 PAR. 38
I	RUTH ANTONELLI	TM 14 PAR. 39
J	PATRICIA RICOTTILLI LRJ LLC	TM 14 PAR. 40
K	TRUSTEES KASSON U.M. CHURCH	TM 14 PAR. 40.1
L	TRUSTEES DANVILLE CHURCH	TM 14 PAR. 50
M	LAWRENCE KNOTTS	TM 14 PAR. 51
N	BILLIE POLING ET AL	TM 14 PAR. 51.1
O	BILLIE POLING ET AL	TM 14 PAR. 51.2
P	PAUL AND ERICA HALLER	TM 14 PAR. 52
Q	PAUL AND ERICA HALLER	TM 15 PAR. 04
R	DAVID L. TINCHER	TM 14 PAR. 53.1
S	DAVID L. TINCHER	TM 14 PAR. 53.2
T	DAVID AND MELISSA SHELTON	TM 15 PAR. 5
U	TOMMY AND DOTTIE FREEMAN ET AL	TM 15 PAR. 4.1
V	LEOTA O'NEAL ET AL	TM 18 PAR. 1
W	DORSEY POLING ET AL	TM 18 PAR. 7
X	THOMAS W. OWENS	TM 18 PAR. 10
Y	THOMAS W. OWENS	TM 18 PAR. 9
Z	MARK AND ELOISE HOLLEN	TM 18 PAR. 30
AA	ELBERT McLEAN ET UX	TM 18 PAR. 39
BB	PAUL AND JOHN ADAMS	TM 18 PAR. 31
CC	LORETHA M. ANNON LEGACY TRUST ET AL	TM 19 PAR. 51
DD	JAMES B. ANCELL	TM 26 PAR. 1
EE	RONALD AUVIL	TM 19 PAR. 50
FF	BETTY L. KELLEY ET AL	TM 19 PAR. 47
GG	ERIC V. HOWDERSHOLT	TM 19 PAR. 41.4
HH	MELVIN AND RENEE HOWDERSHOLT	TM 19 PAR. 41.1
II	ELWOOD AND PENNY CANFIELD	TM 19 PAR. 41.5
JJ	ELWOOD CANFIELD	TM 19 PAR. 41.2
KK	ERIC AND LISA EVIX	TM 19 PAR. 41.3
LL	IRA G. AND CAROL HOVATTER	TM 19 PAR. 43
MM	NEW HOPE VALLEY U.M. CHURCH	TM 19 PAR. 38.1
NN	NEW HOPE VALLEY CHURCH	TM 19 PAR. 42
OO	IRA G. AND CAROL HOVATTER	TM 19 PAR. 38
PP	MELVIN AND RENEE HOWDERSHOLT	TM 19 PAR. 40.1
QQ	ELIZABETH BOLYARD ET AL	TM 14 PAR. 38.4
RR	ELIZABETH BOLYARD ET AL	TM 14 PAR. 38.1
SS	JOHN T. FITZWATER	TM 14 PAR. 36.2
TT	JOHN T. FITZWATER	TM 14 PAR. 36.3
UU	EDSIL NESTOR ET AL	TM 14 PAR. 36.5
VV	EDSIL NESTOR ET AL	TM 14 PAR. 32
WW	CHURCH LOT	
XX	GLEN MOORE ET UX	TM 15 PAR. 13

LONGITUDE 79°52'30"

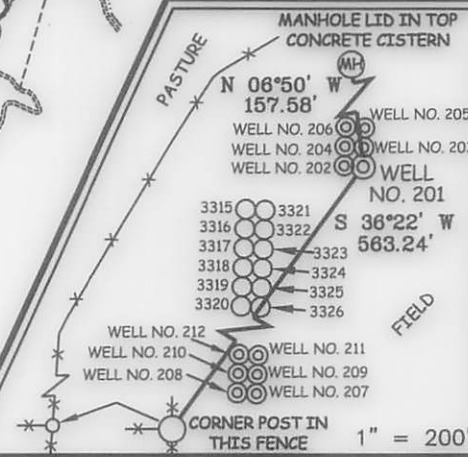
**HOWDERSHOLT LEASE**  
**WELL NO. 201**  
 (NAD'83 UTM (METERS) ZONE 17 NORTH)

**TOP HOLE**  
 N. 4,339,300 E. 597,161

**LANDING POINT**  
 N. 4,339,700 E. 597,468

**BOTTOM HOLE**  
 N. 4,341,971 E. 596,409

**REFERENCES**



**CANCELLED**

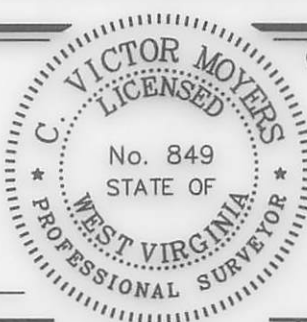
**Professional Energy Consultants**  
 A DIVISION OF SMITH LAND SURVEYING, INC.

**SLS**  
 SURVEYORS  
 ENGINEERS  
 ENVIRONMENTAL  
 PROJECT MGMT.

(204) 482-6634 WWW.SLSURVEYS.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. 849 *C. Victor Moyers*



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

DATE JULY 14, 20 14

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

OPERATORS WELL NO. 201

API CANCELLED

WELL NO. 47-001-03315

STATE \_\_\_\_\_ COUNTY \_\_\_\_\_ PERMIT \_\_\_\_\_

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7962P201R6

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 1,578'(GROUND) 1,557'(PROPOSED) WATERSHED BRUSHY FORK OF TETER CREEK

DISTRICT COVE COUNTY BARBOUR QUADRANGLE NESTORVILLE 7.5'

SURFACE OWNER MELVIN & RENEE HOWDERSHOLT ACREAGE 158.94±

ROYALTY OWNER MELVIN & 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 17,178'

WELL OPERATOR MOUNTAINEER KEYSTONE LLC DESIGNATED AGENT NATHAN SKEEN

ADDRESS 1111 VAN VOORHIS ROAD, SUITE G ADDRESS 1111 VAN VOORHIS ROAD, SUITE G

MORGANTOWN, WV 26505 MORGANTOWN, WV 26505

COUNTY PERMIT

01/15/2016



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west virginia department of environmental protection

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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: 47-103315, 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 201  
Farm Name: HOWDERSHELT, MELVIN & REN  
**API Well Number: 47-103315**  
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 201  
 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  
 CANCELLED

*Renée Keyser*  
 INSPECTOR'S SIGNATURE

RECORD INSPECTIONS TO THIS WELL ON PAGE 2