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

March 22, 2016

**FINAL INSPECTION REPORT**

**Horizontal Well Permit Cancelled**

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-9703830, issued to CHESAPEAKE APPALACHIA, L.L.C., and listed below has been received in this office. The permit has been cancelled as of 2/23/2016.

James Martin  
Chief

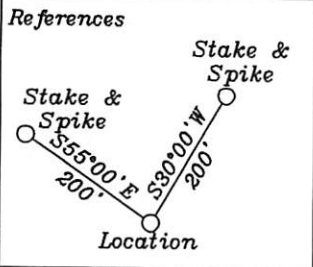
Operator: CHESAPEAKE APPALACHIA, L.L.C.  
Operator's Well No: 833513 SYLVIA CASTO UPR 8H  
Farm Name: CASTO, SYLVIA  
**API Well Number: 47-9703830**  
Date Issued: 01/10/2012

Date Cancelled: 02/23/2016

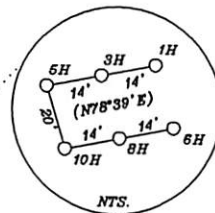
**Promoting a healthy environment.**

**04/01/2016**

Top Hole 2,234' / Bottom Hole 377'



LATITUDE 39-00-00 N (TH)  
LATITUDE 38-57-30 N (BH)

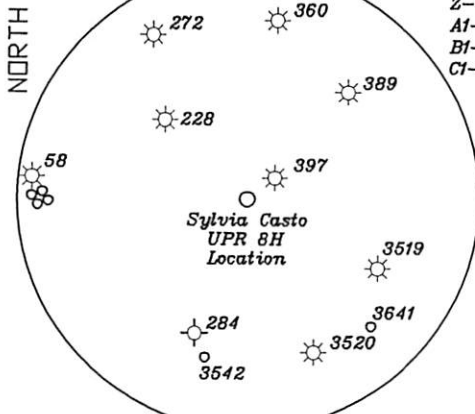


- A- Casto 106.30 Ac. TM.5H/13
- B- Gregory 1.05 Ac. TM.5H/13.1
- C- Casto 1.56 Ac. TM.5H/13.3
- D- Gregory 0.92 Ac. TM.5H/13.2
- E- Morgan 99.55 Ac. TM.5H/28.1
- F- Hoover 6.15 Ac. TM.5H/2.2
- G- McGowan 45.88 Ac. TM.5H/3.1
- H- Heavner 16.12 Ac. TM.5H/10.5
- I- Heavner 5.37 Ac. TM.5H/10.3
- J- Ashcraft 27.34 Ac. TM.5H/30
- K- Light 20.39 Ac. TM.5H/40
- L- Hannon 20 Ac. TM.5H/31
- M- Forbes 12.726 Ac. TM.5H/32
- N- Poling 4.45 Ac. TM.5H/33
- O- Hollen 1.33 Ac. TM.5H/33.24
- P- Mills 1.34 Ac. TM.5H/33.23
- Q- Mills 1.33 Ac. TM.5H/33.22
- R- Honeycutt 1.29 Ac. TM.5H/33.21
- S- Metzner 0.966 Ac. TM.5H/33.8
- T- Smith 1.55 Ac. TM.5H/33.1
- U- Tallman 0.96 Ac. TM.5H/33.10
- V- Tallman 0.90 Ac. TM.5H/33.14
- W- Westfall 1.95 Ac. TM.5H/33.17

Trst of Light Chapel Church  
3.15 Ac.  
TM.5H/2.1

- X- Coberly 0.47 Ac. TM.5H/33.13
- Y- Coberly 0.90 Ac. TM.5H/33.6
- Z- McCartney 0.53 Ac. TM.5H/33.3
- A1- Honeycutt 0.66 Ac. Ft. TM.5H/33.9
- B1- Bailey 0.88 Ac. TM.5H/33.2
- C1- Wamsley 0.7 Ac. TM.5H/33.5

- D1- Snyder 0.67 Ac. TM.5H/33.16
- E1- Grose 1.53 Ac. TM.5H/33.20
- F1- Butler 2.41 Ac. TM.5H/33.4 & 33.18
- G1- Carr 0.41 Ac. TM.5H/33.19
- H1- Hardesty TM.5H/33.7
- J1- Workman 1.25 Ac. TM.5H/44
- K1- City of Buckhannon 0.62 Ac. TM.5H/43.1
- L1- Rowan 19.16 Ac. TM.5H/36
- M1- Mike Ross Inc. 1.378 Ac. TM.5H/35
- N1- Straight 2.151 Ac. TM.5H/115
- O1- Westfall 9.08 Ac. TM.5H/47
- P1- Hyre 2.96 Ac. TM.5H/63
- Q1- Baza 2.798 Ac. TM.5J/59.3
- R1- Trsts 2.47 Ac. TM.5J/59.1



Top Hole  
NAD 27-38.964423 N, 80.258225 W  
UTM NAD 83-14150566.4 N, 1851311.6 E  
State Plane NAD 27-716178.9 N. 2210930.1 E

Bottom Hole  
NAD 27-38.949441 N, 80.251416 W  
UTM NAD 83-14145127.9 N, 1853291.9 E  
State Plane NAD 27-710738.0 N. 2212910.3 E

NUMBER	DIRECTION	DISTANCE
L1	N77°48'E	2358.9'
L2	N34°26'E	2792.9'

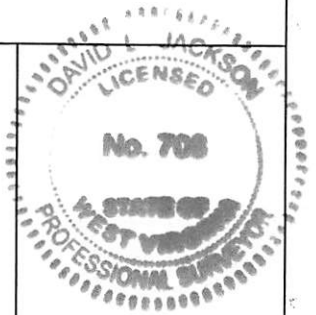
Notes: Ties to wells and corners are based on State Plane Grid North-WV South Zone NAD 27.

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

FILE NO. \_\_\_\_\_  
DRAWING NO. 1  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1 in 2500  
PROVEN SOURCE OF ELEVATION GPS  
submeter unit

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 DEPARTMENT OF ENERGY.

(SIGNED) David L Jackson  
R.P.E. \_\_\_\_\_ L.L.S. 708



STATE OF WEST VIRGINIA  
Division of Environmental Protection  
OFFICE OF OIL AND GAS

DATE April 20, 2011  
OPERATOR'S WELL NO. Sylvia Casto UPR 8H  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 097 PERMIT 03830H  
(IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1636' WATER SHED Stoney Run DISTRICT Buckhannon COUNTY Upshur  
QUADRANGLE Adrian 7 1/2'

SURFACE OWNER Sylvia Grey Casto ACREAGE 106.30 ac.  
OIL & GAS ROYALTY OWNER Sylvia Grey Casto LEASE ACREAGE 456.06 ac.  
LEASE NO. 1-326776-001, 1-326777-000, 1-326778-000, 1-326779-000, 1-326780-001, 1-326781-001

PROPOSED WORK: DRILL  CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON CLEAN OUT AND REPLUG  
TARGET FORMATION Marcellus ESTIMATED DEPTH 7,520'+ Horizontal leg  
WELL OPERATOR Chesapeake Appalachia, L.L.C. DESIGNATED AGENT Eric B. Gillespie  
ADDRESS P.O. Box 18496 Oklahoma City, OK 73154-0496 ADDRESS P.O. Box 6070 Charleston, WV 25362

LONGITUDE 80-15-00 N Bottom Hole 3,242' / Top Hole 12,976'

04/01/2016