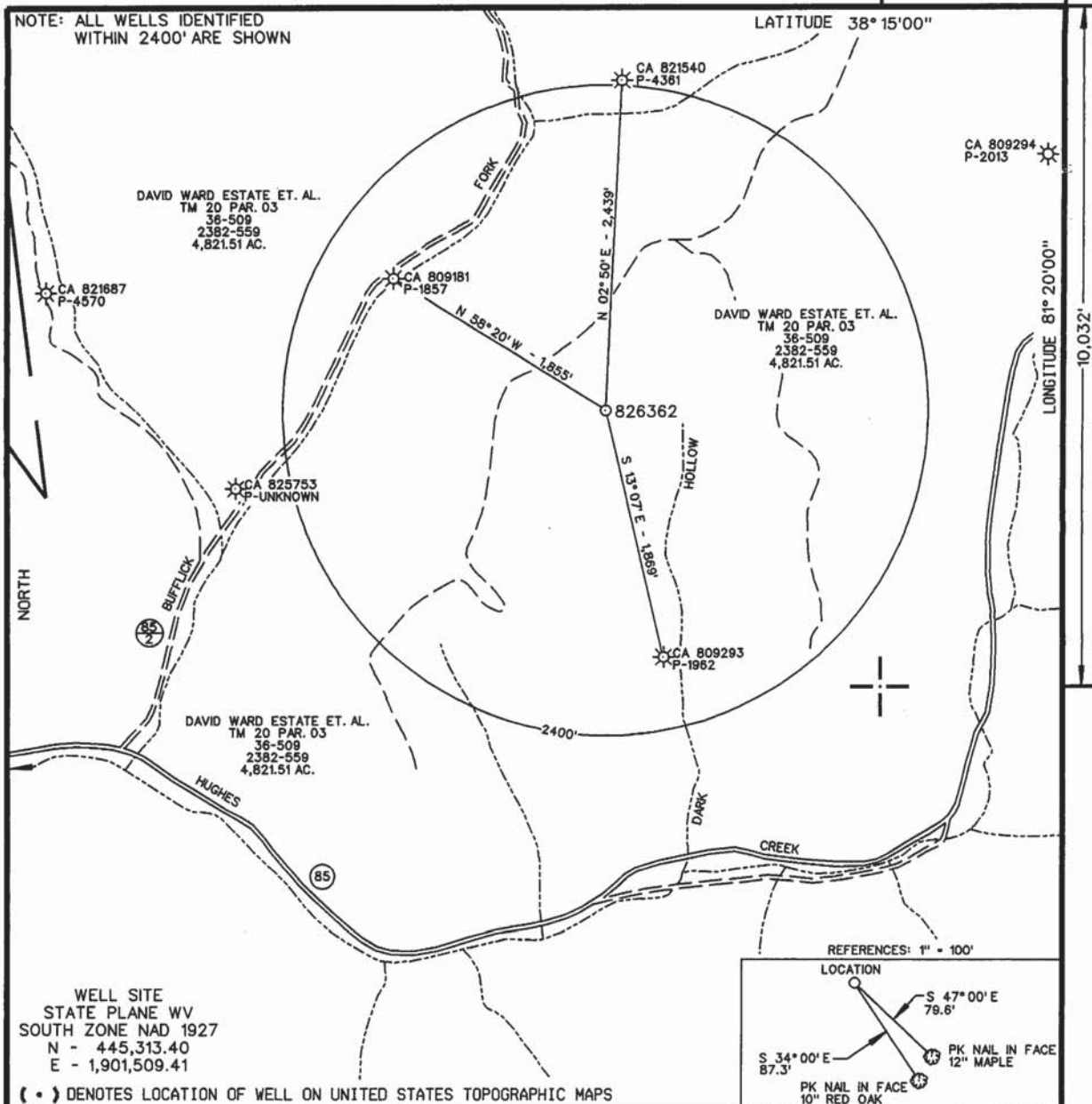
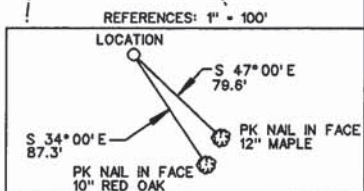


NOTE: ALL WELLS IDENTIFIED  
WITHIN 2400' ARE SHOWN



WELL SITE  
STATE PLANE WV  
SOUTH ZONE NAD 1927  
N - 445,313.40  
E - 1,901,509.41



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

FILE NO. CA26362(DW-32).DGN  
DRAWING NO. CA 826362  
SCALE 1" = 1000'  
MINIMUM DEGREE OF  
ACCURACY 1:200  
PROVEN SOURCE OF  
ELEVATION MAPPING GRADE GPS

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 REGU-  
LATIONS ISSUED AND PRESCRIBED BY THE DEPART-  
MENT OF ENVIRONMENTAL PROTECTION.  
(SIGNED) [Signature]  
R.P.E. \_\_\_\_\_ L.L.S. 647

PLACE SEAL HERE

<p>STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION</p>		<p>DATE <u>DECEMBER 27</u>, 20 <u>06</u> OPERATOR'S WELL NO. <u>826362</u> API WELL NO. <u>47 039 05163</u></p>	
<p>WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/> (IF 'GAS,') PRODUCTION <input checked="" type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/></p>		<p>STATE <u>47</u> COUNTY <u>039</u> <b>CANCELLED</b> PERMIT</p>	
<p>LOCATION: ELEVATION <u>1427'</u> WATER SHED <u>DARK HOLLOW OF HUGHES CREEK</u> DISTRICT <u>CABIN CREEK</u> COUNTY <u>KANAWHA</u></p>		<p>COUNTY NAME</p>	
<p>QUADRANGLE <u>MONTGOMERY, WV 7.5'</u></p>		<p>PERMIT</p>	
<p>SURFACE OWNER <u>DAVID WARD ESTATE, ET. AL.</u> ACREAGE <u>4.82151</u> OIL &amp; GAS ROYALTY OWNER <u>DAVID WARD ESTATE, ET. AL.</u> LEASE ACREAGE <u>8.000</u> LEASE NO. <u>10825660</u></p>		<p>PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input checked="" type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____</p>	
<p>PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG <input type="checkbox"/> TARGET FORMATION <u>DEVONIAN SHALE</u> ESTIMATED DEPTH _____</p>		<p>WELL OPERATOR <u>CHESAPEAKE APPALACHIA, L.L.C.</u> DESIGNATED AGENT <u>MIKE JOHN</u> ADDRESS <u>P.O. BOX 6070, CHARLESTON, WV 25362</u> ADDRESS <u>SAME</u></p>	

FORM W-9



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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

Joe Manchin III, Governor  
Randy C. Huffman, Cabinet Secretary  
www.wvdep.org

June 04, 2009

**FINAL INSPECTION REPORT**

**New Well Permit Cancelled**

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-3905963, issued to CHESAPEAKE APPALACHIA, L.L.C., and listed below has been received in this office. The permit has been cancelled as of 6/3/2009.

James Martin  
Chief

Operator: CHESAPEAKE APPALACHIA, L.L.C.  
Operator's Well No: 826362  
Farm Name: WARD, DAVID - ESTATE  
**API Well Number: 47-3905963**  
Date Issued: 02/06/2007

Date Cancelled: 06/03/2009

**Promoting a healthy environment.**



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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

Joe Manchin III, Governor  
Stephanie R. Timmermeyer, Cabinet Secretary  
www.wvdep.org

February 06, 2007

**WELL WORK PERMIT**  
**New Well**

This permit, API Well Number: 47-3905963, issued to CHESAPEAKE APPALACHIA, L.L.C., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, well operators report of well work, is to be submitted to this office within 90 days of completion of drilling, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced.

If there are any questions, please feel free to contact me or Mr. Al Blankenship at 304-926-0499 ext. 1653.

**JAMES MARTIN**  
Chief,  
Office of Oil and Gas

Operator's Well No: 826362

Farm Name: WARD, DAVID - ESTATE

**API Well Number: 47-3905963**

**Permit Type: New Well**

Date Issued: 02/06/2007

**Promoting a healthy environment.**

6

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION 39-05963

- 1) Well Operator: CHESAPEAKE APPLACHIA, L.L.C. 494477557
- 2) Operators Well Number: 826362 3) Elevation: 1427'
- 4) Well type: (a) Oil \_\_\_ or Gas X  
(b) If Gas: Production X Underground Storage \_\_\_  
Deep \_\_\_ Shallow X 39-2-481
- 5) Proposed Target Formation(s): Big Lime, Injun, Weir, Berea, Devonian Shale, Marcellus
- 6) Proposed Total Depth: 6100'
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: 1400'
- 9) Approximate coal seam depths: 327', 377', 477', 835'
- 10) Does land contain coal seams tributary to active mine? NO
- 11) Proposed Well Work: **TO DRILL AND STIMULATE NEW WELL**
- 12) CASING AND TUBING PROGRAM

TYPE	SIZE	GRADE	WEIGHT PER FT.	FOOTAGE INTERVALS	CEMENT	
				FOR DRILLING	LEFT IN WELL	FILL-UP (CU.FT.)
Conductor	26	L.P.		AS	NEEDED	
Coal	20	L.P.		407	407	*If Needed
Coal	13 3/8"	L. S.	37	507	507	*If Needed
Coal	9 5/8"	L. S.	26	865	865	*If Needed
Intermediate	7"	L.S.	17	2350	2350	353
Production	4 1/2"	M	10.5		6100	150
Tubing	2 3/8"	J	4.7	AS	NEEDED	
Liners		<u>2 1/2" - 2407</u>				

CTS

\*A string of casing will be set if an open mine is encountered. It will be cemented to surface by balancing the bottom & grouting to surface on a basket above the mine. At least one string of pipe will be ran as a surface string *and cemented to surface.*

PACKERS: Kind \_\_\_  
Sizes \_\_\_  
Depths set \_\_\_

For Division of Oil and Gas Use Only

- Fee(s) paid:
- Plat
- Well Work Permit
- WW-9  WW-2B
- Reclamation Fund
- Bond (Type) \_\_\_\_\_
- Agent

CK# 793000054

\$ 650.<sup>00</sup>

