



west virginia department of environmental protection

Office of Oil and Gas
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Charleston, WV 25304
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Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

March 21, 2016

FINAL INSPECTION REPORT

Well Permit Cancelled

CHESAPEAKE APPALACHIA, L.L.C.,

The FINAL INSPECTION REPORT for the CANCELLED permit, API Well Number: 47-5101562, 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.

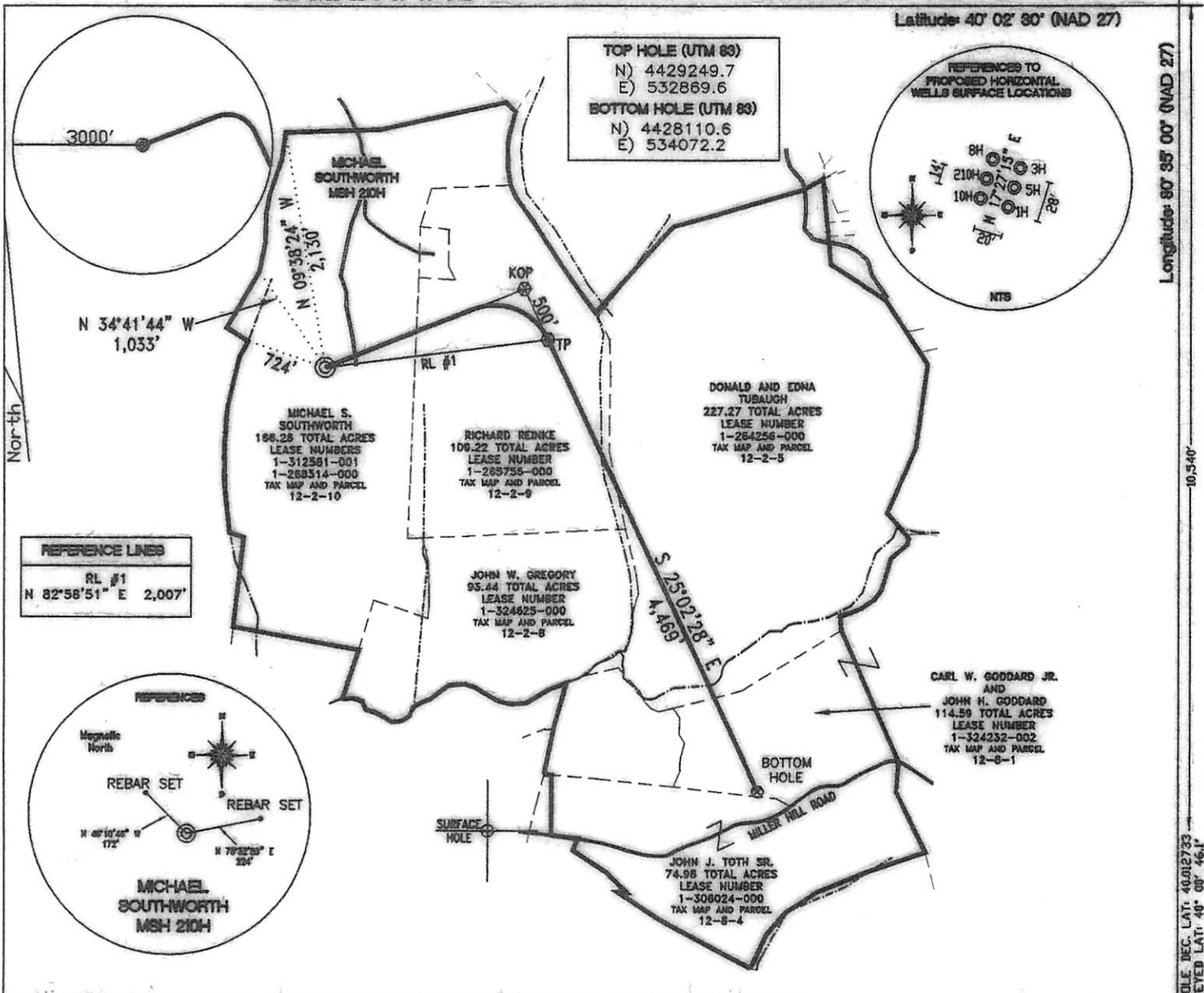
James Martin
Chief

Operator: CHESAPEAKE APPALACHIA, L.L.C.
Operator's Well No: MICHAEL SOUTHWORTH MSH 2
Farm Name: LITMAN, JAMES
API Well Number: 47-5101562
Date Issued: 07/31/2012

Date Cancelled: 02/23/2016

Promoting a healthy environment.

04/01/2016



TOP HOLE (NAD 83) N) 552956.0 E) 1656236.1 LAT.) 40°00'46.1" LONG.) 80°36'53.5" DEC. LAT.) 40.012807 DEC. LONG.) 80.614857	KOP (NAD 83) N) 553654.3 E) 1658016.6 LAT.) 40°00'53.2" LONG.) 80°36'30.7" DEC. LAT.) 40.014784 DEC. LONG.) 80.608532	TP (NAD 83) N) 553201.3 E) 1658228.2 LAT.) 40°00'48.8" LONG.) 80°36'27.9" DEC. LAT.) 40.013548 DEC. LONG.) 80.607756	BOTTOM HOLE (NAD 83) N) 549152.0 E) 1660120.1 LAT.) 40°00'09.0" LONG.) 80°36'03.0" DEC. LAT.) 40.002496 DEC. LONG.) 80.600825
TOP HOLE (NAD 27) N) 552919.3 E) 1687671.0 LAT.) 40°00'45.8" LONG.) 80°36'54.2" DEC. LAT.) 40.012733 DEC. LONG.) 80.615059	KOP (NAD 27) N) 553617.5 E) 1689451.4 LAT.) 40°00'53.0" LONG.) 80°36'31.4" DEC. LAT.) 40.014710 DEC. LONG.) 80.608734	TP (NAD 27) N) 553164.5 E) 1689663.0 LAT.) 40°00'48.5" LONG.) 80°36'28.7" DEC. LAT.) 40.013474 DEC. LONG.) 80.607959	BOTTOM HOLE (NAD 27) N) 549115.2 E) 1691554.8 LAT.) 40°00'08.7" LONG.) 80°36'03.7" DEC. LAT.) 40.002422 DEC. LONG.) 80.601028

REFERENCE NOTES
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Marshall County, West Virginia SEPTEMBER 2011
State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS
Drafted by: E.A.M.

FILE #: CHE 031
DRAWING #: 2022
SCALE: 1" = 1400'
MINIMUM DEGREE OF ACCURACY: 1/200
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed:
L.L.S. #2124 : Ernest J. Benchek III



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

Well Type: Oil Waste Diposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: UPPER OHIO SOUTH ELEVATION: 1,270'
COUNTY/DISTRICT: MARSHALL / SANDHILL QUADRANGLE: VALLEY GROVE, WV.

SURFACE OWNER: James Litman ACREAGE: 166.26 +/- **04/01/2016**
OIL & GAS ROYALTY OWNER: MICHAEL S. SOUTHWORTH ACREAGE: 756.96 +/-

LEASE NUMBERS: _____

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,405' TMD: 11,519'
WELL OPERATOR: CHESAPEAKE APPALACHIA, LLC. DESIGNATED AGENT: ERIC GILLESPIE
ADDRESS: PO BOX 18496 ADDRESS: PO BOX 6070
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496 CITY: CHARLESTON STATE: WV ZIP CODE: 25301