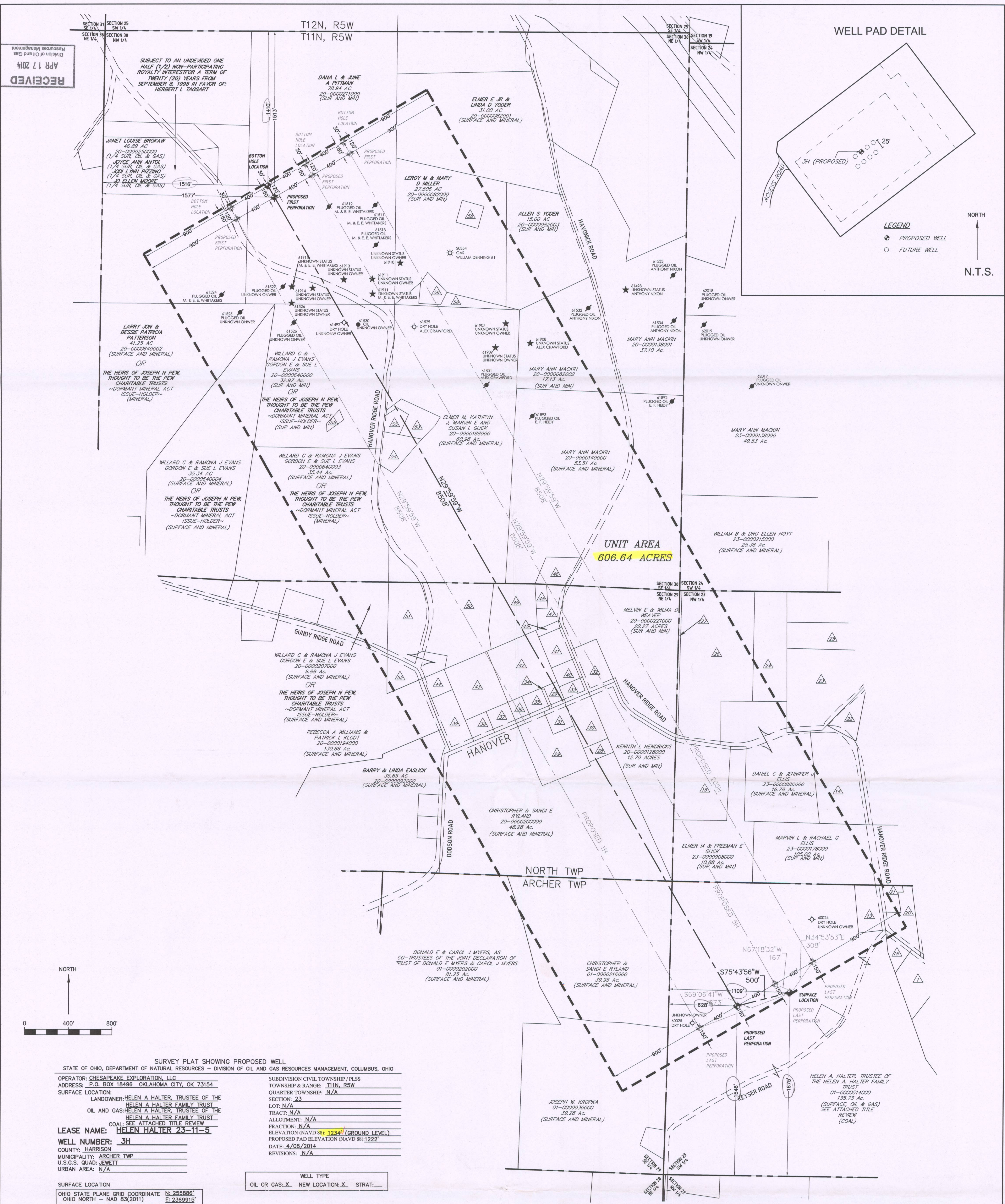




SURVEY PLAT SHOWING PROPOSED WELL
STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES - DIVISION OF OIL AND GAS RESOURCES MANAGEMENT, COLUMBUS, OHIO
OPERATOR: CHESAPEAKE EXPLORATION, LLC
ADDRESS: P.O. BOX 18496 OKLAHOMA CITY, OK 73154
SURFACE LOCATION:
LANDOWNER: HELEN A. HALTER, TRUSTEE OF THE HELEN A. HALTER FAMILY TRUST
OIL AND GAS: HELEN A. HALTER, TRUSTEE OF THE HELEN A. HALTER FAMILY TRUST
COAL: SEE ATTACHED TITLE REVIEW
LEASE NAME: HELEN HALTER 23-11-5
WELL NUMBER: 3H
COUNTY: HARRISON
MUNICIPALITY: ARCHER TWP
U.S.G.S. QUAD: JEWETT
URBAN AREA: N/A

SURFACE LOCATION
OHIO STATE PLANE GRID COORDINATE N: 255886' E: 2389915'
OHIO NORTH - NAD 83(2011)
LATITUDE: 40.359917° N NAD 83
LONGITUDE: 81.059575° W NAD 83
OHIO STATE PLANE GRID COORDINATE N: 255886' E: 2401378'
OHIO NORTH - NAD 27
LATITUDE: 40.359851° N NAD 27
LONGITUDE: 81.059759° W NAD 27
PROPOSED LAST PERFORATION
OHIO STATE PLANE GRID COORDINATE N: 255762' E: 2389430'
OHIO NORTH - NAD 83(2011)
LATITUDE: 40.359601° N NAD 83
LONGITUDE: 81.061322° W NAD 83
OHIO STATE PLANE GRID COORDINATE N: 255733' E: 2400891'
OHIO NORTH - NAD 27
LATITUDE: 40.359535° N NAD 27
LONGITUDE: 81.061502° W NAD 27
PROPOSED FIRST PERFORATION
OHIO STATE PLANE GRID COORDINATE N: 263131' E: 2365176'
OHIO NORTH - NAD 83(2011)
LATITUDE: 40.380016° N NAD 83
LONGITUDE: 81.078153° W NAD 83
OHIO STATE PLANE GRID COORDINATE N: 263192' E: 2396537'
OHIO NORTH - NAD 27
LATITUDE: 40.379950° N NAD 27
LONGITUDE: 81.076332° W NAD 27
BOTTOM HOLE LOCATION
OHIO STATE PLANE GRID COORDINATE N: 263235' E: 2365116'
OHIO NORTH - NAD 83(2011)
LATITUDE: 40.380303° N NAD 83
LONGITUDE: 81.076362° W NAD 83
OHIO STATE PLANE GRID COORDINATE N: 263205' E: 2396577'
OHIO NORTH - NAD 27
LATITUDE: 40.380238° N NAD 27
LONGITUDE: 81.076542° W NAD 27

NOTES:
1. THIS SURVEY WAS PERFORMED SOLELY TO LOCATE THE PROPOSED WELL WITH RESPECT TO EXISTING BOUNDARIES AND TO PROVIDE STATE PLANE COORDINATES.
2. PARCEL DIMENSIONS AND OWNERSHIP DATA WERE OBTAINED FROM THE COUNTY AUDITOR TAX MAPS AND GIS DATA.
3. UNLESS OTHERWISE NOTED, MINERAL RIGHTS FOR ADJACENT PROPERTIES THAT ARE ON THIS PLAT ARE ASSUMED TO BE HELD IN FEE SIMPLE IN ORDER TO SATISFY DIVISION OF OIL AND GAS RESOURCES MANAGEMENT REQUIREMENTS FOR THE WELL PERMIT APPLICATION AND SURVEY PLAT.
4. THE DRILLING UNIT BOUNDARY SHOWN IS INTENDED TO COMPLY WITH DIVISION OF OIL AND GAS RESOURCES MANAGEMENT SURVEY PLAT REQUIREMENTS IN ORDER TO IDENTIFY THE SET BACK DISTANCE. THE UNIT BOUNDARY SHOWN IS NOT INTENDED TO INDICATE A UNIT FOR PRODUCTION PURPOSES.

I HEREBY CERTIFY THAT OIL DRILLING OR PRODUCING WITHIN 1000 FEET AND ALL BUILDINGS AND STREAMS WITHIN 200 FEET HAVE BEEN SHOWN, THAT THIS PLAT IS TRUE AND CORRECT AND WAS PREPARED ACCORDING TO THE CURRENT STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF OIL AND GAS RESOURCES MANAGEMENT SPECIFICATIONS.

STATE OF OHIO
BRYANT ABT
S-8593
APRIL 08, 2014
J. BRYANT ABT
OHIO P.S. #5953

STEVEN S & RUTH E YODER 23-0000474000 1.03 ACRES (SURFACE AND MINERAL)	WILLIAM B & DRU ELLEN HOYT 23-0000888001 7.06 ACRES (SURFACE AND MINERAL)	EVELYN RALSTON 20-0000364000 0.93 ACRES (SURFACE AND MINERAL)	RODNEY L COOPER 20-0000190001 1.68 ACRES (SURFACE AND MINERAL)
TRUSTEES OF ARCHER TOWNSHIP 01-0000647000 2.00 ACRES (SURFACE AND MINERAL)	MICHAEL S ALCHER 20-0000906000 5.72 ACRES (SURFACE AND MINERAL)	HARRY LYNN HAMIL 20-0000488000 0.30 ACRES (SURFACE AND MINERAL)	DIANA L FRAZER A/K/A DIANA L DEWALT 20-0000288000 0.92 ACRES (SURFACE AND MINERAL)
DORIS J MCHEWY 23-0000888001 8.70 ACRES (SURFACE AND MINERAL)	WILLIAM B & DRU ELLEN HOYT 23-0000888001 7.06 ACRES (SURFACE AND MINERAL)	THE SECRETARY OF HOUSING AND URBAN DEVELOPMENT PROPERTY DISPOSITION BRANCH 20-0000468000 0.26 ACRES (SURFACE AND MINERAL)	HANOVER UNITED METHODIST CHURCH 20-0000364001 0.30 ACRES (SURFACE AND MINERAL)
FRED C GUTHRIE 23-0000888001 8.09 ACRES (SURFACE AND MINERAL)	WILLIAM B & DRU ELLEN HOYT 23-0000888001 7.06 ACRES (SURFACE AND MINERAL)	REBECCA J CALDWELL A/K/A REBECCA J HALL 20-0000416000 0.87 ACRES (SURFACE AND MINERAL)	BOARD OF TOWNSHIP TRUSTEES OF NORTH TOWNSHIP, HARRISON COUNTY, OHIO 20-0000364000 1.97 ACRES (SURFACE AND MINERAL)
WILLIAM BLAKE & WILMA MAXINE NORRIS 01-0000288000 1.00 ACRES (SURFACE AND MINERAL)	STEPHEN L HUGH 20-0000338000 0.91 ACRES (SURFACE AND MINERAL)	20-0000190000 1.01 ACRES (SURFACE AND MINERAL)	HANOVER UNITED METHODIST CHURCH 20-0000270000 0.40 ACRES (SURFACE AND MINERAL)
HELEN V & THOMAS R PORTER 01-0000633000 7.84 ACRES (SURFACE AND MINERAL)	FLORENCE A TUESDALE (1/2 INTEREST) CARL J GAZUNTA (1/2 INTEREST) 23-0000440000 4.50 ACRES (SURFACE AND MINERAL)	RODNEY L COOPER 20-0000340000 0.92 ACRES (SURFACE AND MINERAL)	TRUSTEES OF NORTH TOWNSHIP, HARRISON COUNTY, OHIO 20-0000364000 0.40 ACRES (SURFACE AND MINERAL)
USA K ENISON 01-0000288000 2.43 ACRES (SURFACE AND MINERAL)	STEPHEN L HUGH 20-0000338000 0.91 ACRES (SURFACE AND MINERAL)	ROBERT E & CRYSTAL A LLOYD 20-0000400000 2.17 ACRES (SURFACE AND MINERAL)	20-0000190000 1.01 ACRES (SURFACE AND MINERAL)
TRUSTEES OF THE RIDGE CONGREGATION OF THE PRESBYTERIAN CHURCH OF NORTH AMERICA 01-0000807000 1.00 ACRES (SURFACE AND MINERAL)	JOHN CLUSTER 20-0000780000 0.11 ACRES (SURFACE AND MINERAL)	HALEY & ROBERT BOALS 20-0000364003 1.00 ACRES (SURFACE AND MINERAL)	HALEY & ROBERT BOALS 20-0000364002 1.00 ACRES (SURFACE AND MINERAL)
JON P FRAZER 23-0000541000 1.57 ACRES (SURFACE AND MINERAL)	MELVIN E & WILMA D WEAVER 20-0000222000 2.47 ACRES (SURFACE AND MINERAL)	RODNEY L COOPER 20-0000190000 1.68 ACRES (SURFACE AND MINERAL)	DEBBIE RAE HEAVENER 20-0000410000 0.93 ACRES (SURFACE AND MINERAL)
DOUGLAS W HENDERSON 23-0000700000 11.00 ACRES (SURFACE AND MINERAL)			