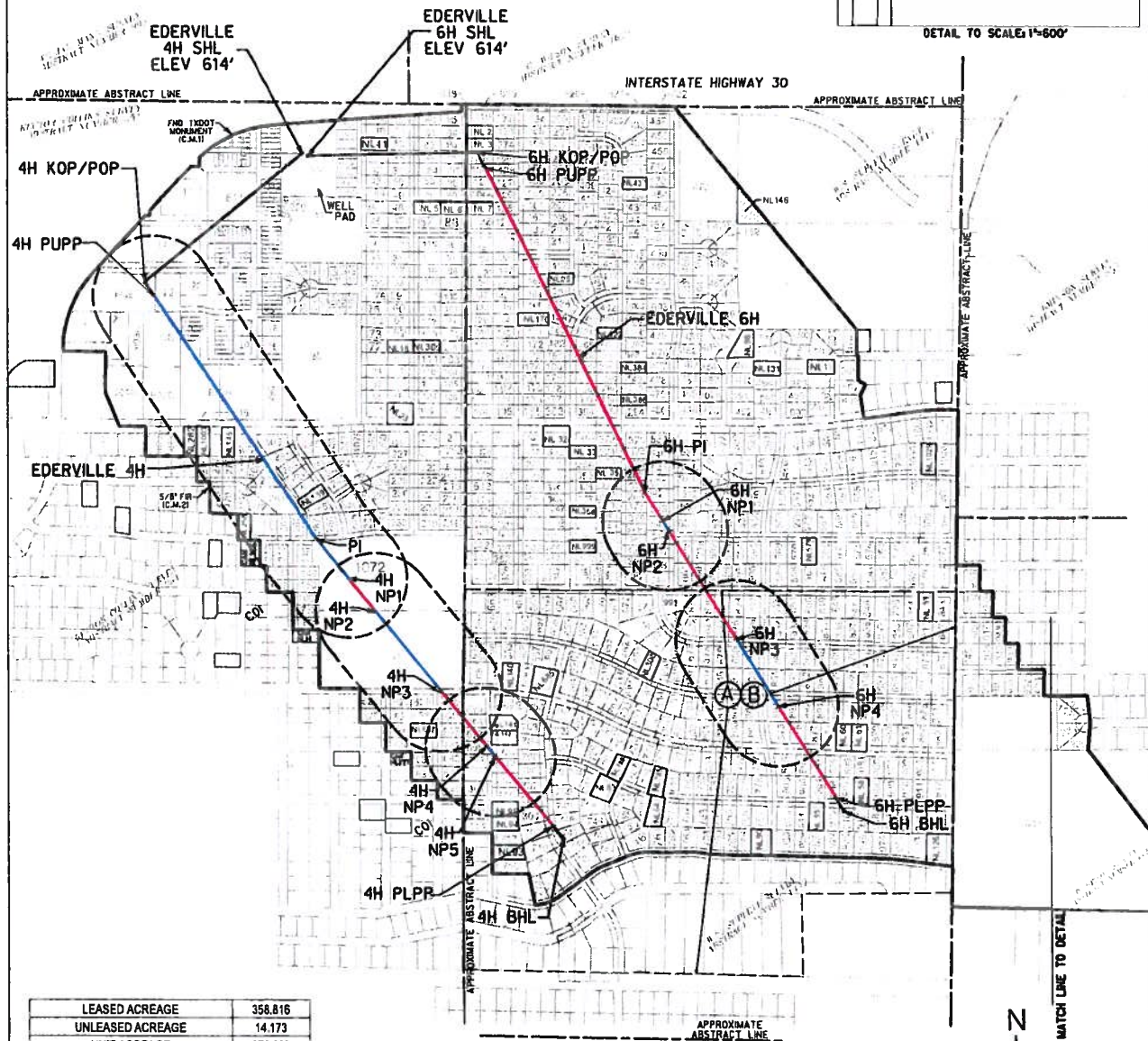


EXHIBIT I

Rule 37 Case Nos. 0281194 and 0281092

4H WELL	DISTANCE	ZONE
SHL-KOP	1121.12'	
KOP-PUPP	90.00'	
PUPP-P11	1620.64'	PERF-ZONE
P11-NP1	277.23'	PERF-ZONE
NP1-NP2	242.97'	NON-PERF-ZONE
NP2-NP3	570.86'	PERF-ZONE
NP3-NP4	350.22'	NON-PERF-ZONE
NP4-NP5	70.87'	PERF-ZONE
NP5-PLPP	498.06'	NON-PERF-ZONE

SHL-KOP	DISTANCE	ZONE
KOP-PUPP	90.00'	
PUPP-P11	2003.78'	NON-PERF-ZONE
P11-NP1	185.14'	NON-PERF-ZONE
NP1-NP2	62.72'	PERF-ZONE
NP2-NP3	706.86'	NON-PERF-ZONE
NP3-NP4	437.89'	PERF-ZONE
NP4-PLPP	593.10'	NON-PERF-ZONE
PLPP-BHL	90.00'	



LEASED ACREAGE	358.816
UNLEASED ACREAGE	14.173
UNIT ACREAGE	372.989

NOTES:

ML IS INTENDED TO DEPICT THOSE TRACTS THAT NO LEASE INFORMATION HAS BEEN PROVIDED TO HALFF.

TRACT NUMBERS SHOWN HEREIN ARE IN REFERENCE TO A SEPARATE SPREADSHEET CONTAINING LEASE INFORMATION AND AREA CALCULATIONS, SUBMITTED TO OIA AS OF THE DATE OF THIS PLAT.

COORDINATES FOR SURFACE HOLES, PROPOSED UPPER PERFORATION POINTS, PROPOSED LOWER PERFORATION POINTS, DEEP OFF POINTS, AND BOTTOM HOLES ARE NAD83 UTM COORDINATES. COORDINATES WERE CONVERTED TO LAT/LONG USING COORDINATE FOR TRANSFORMER STATION "SALINITION" (NAD83 TO NAD54). ALL COORDINATES ARE GRID VALUES. ALL MEASUREMENTS ARE SURFACE UNLESS OTHERWISE NOTED.

BASE OF BEARING IS THE TEXAS COORDINATE SYSTEM (NAD83) NORTH CENTRAL ZONE (4000), BASED UPON GPS MEASUREMENTS FROM TRANSFORMATION STATION "SALINITION" (NAD83 TO NAD54). SURVEY (INCS) PROPOSED AND 229° 41' 00" (NAD83) 443.34'. CONVERGENCE ANGLE AT "SALINITION" STATION IS 100 DEGREES 07' 00" SECONDS AS COMPUTED BY COORDINATE VERSION 4.1. COORDINATE SYSTEM X (EAST) 10000168750, SURFACE COORDINATES * TEXAS COORDINATE SYSTEM X (EAST).

THIS EXHIBIT IS FOR WELL PERMITTING PURPOSES ONLY AND IS NOT INTENDED TO BE USED OR INTERPRETED AS A BOUNDARY SURVEY.

ALL MEASUREMENTS TO LEASE, UNIT, AND SURVEY LINES ARE PERPENDICULAR TO ROAD LINES.

THE UNIT WAS LAST SURVEYED ON THE GROUND ON 8/10/2011.

THE SURVEYOR HAS RELIED ON LEASES PROVIDED BY CHESAPEAKE OPERATING, INC. TO CALCULATE THE LEASED AREAS. SHOWN HEREIN, NO INDEPENDENT INVESTIGATION OR RESEARCH HAS BEEN MADE BY THE SURVEYOR TO DETERMINE THE CORRECTNESS OR COMPLETENESS OF SAID LEASES.

DIMENSIONS TO SURVEY LINES ARE APPROXIMATE.

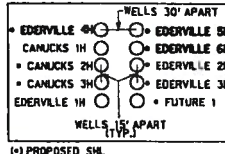
KOP = KICK OFF POINT
PUPP = PROPOSED UPPER PERFORATION POINT
PLPP = PROPOSED LOWER PERFORATION POINT
BHL = BOTTOM HOLE LOCATION
SHL = SURFACE HOLE LOCATION
POP = POINT OF PERFORATION

C.M.1 NORTH 75°51'33" WEST 305.10' FROM EDERVILLE 4H SHL
C.M.2 SOUTH 19°24'20" WEST 131.11' FROM EDERVILLE 4H SHL
C.M.1 NORTH 75°07'41" WEST 424.96' FROM EDERVILLE 6H SHL
C.M.2 SOUTH 16°25'54" WEST 1376.44' FROM EDERVILLE 6H SHL
C.M.1 NORTH 74°05'55" WEST 1208.80' FROM EDERVILLE 6H SHL
C.M.2 SOUTH 15°33'32" WEST 1376.06' FROM EDERVILLE 6H SHL

LEGEND

- 330' BUBBLE
- UNIT LINE
- NON LEASED TRACTS
- LEASED TRACTS
- ML
- NON LEASED
- APPROXIMATE ABSTRACT LINE
- MINERAL RESERVATIONS
- PARTIALLY LEASED TRACT

WELL PAD DETAIL



LATERAL	PERFORATED LENGTH	NON-PERFORATED LENGTH	TOTAL LATERAL LENGTH
EDERVILLE 4H	2,539.60'	1,131.25'	3,670.85'
EDERVILLE 6H	500.61'	3,488.89'	3,989.50'

0 300 600 900 1200
SCALE: 1"=600'

EDERVILLE 4H, AND 6H WELL EXHIBIT
IN THE
CITY OF FORT WORTH,
TARRANT COUNTY, TEXAS
FOR
CHESAPEAKE OPERATING, INC.

DATED: 7/23/2013
BY

HALFF

PAGE 1 OF

Chesapeake
ENERGY

HALFF ASSOCIATES INC., ENGINEERS - SURVEYORS
1201 NORTH BOWSER ROAD - RICHARDSON, TEXAS - 75081-2275
SCALE: 1"=600' (214)346-6200 AVO. 26724

I:\26000s\26724\DR154_Ederville\CADD\VEXH-RR-EDERVILLE-4H-5H-6H-NP2-26724-REV

Exhibit No. 28
CHESAPEAKE OPERATING, INC.
Rule 37 Case No. 0281194
July 24 2013