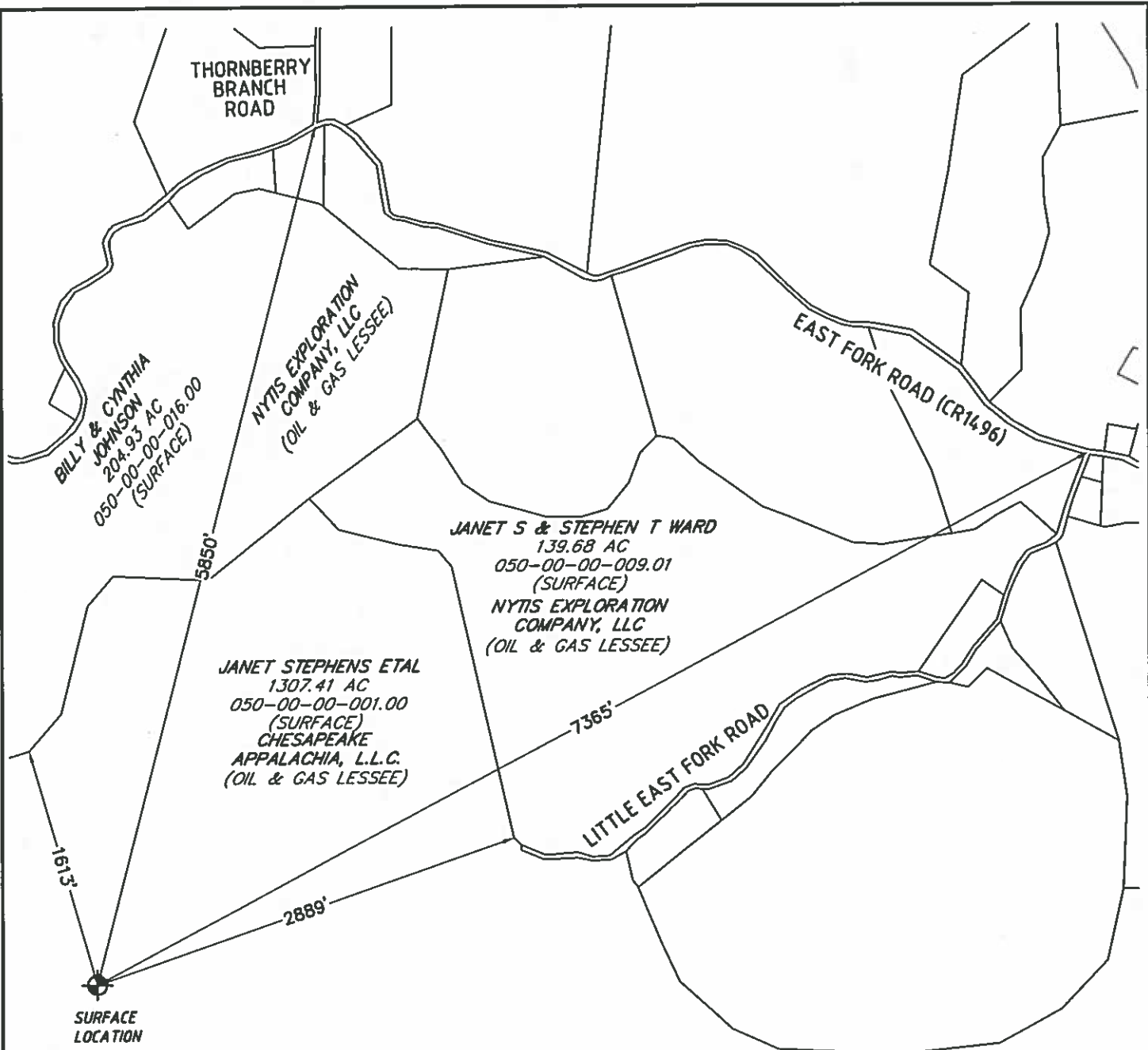




NOTES:

1. THIS SURVEY WAS PERFORMED SOLELY TO LOCATE THE PROPOSED WELL WITH RESPECT TO EXISTING BOUNDARIES AND TO PROVIDE STATE PLANE AND GEODETIC COORDINATES.
2. PARCEL DATA AND OWNERSHIP DATA WERE OBTAINED FROM THE LOCAL PVA MAPS, DEEDS AND GIS DATA
3. THIS EXHIBIT DOES NOT CONSTITUTE A BOUNDARY SURVEY PURSUANT TO 201 KAR 18.150

DIV. OF OIL & GAS
FORMATION: None
DEPTH: 17,000'
PURPOSE: Oil
INJ. RES.: YES ☒ NO
SAMPLES: _____

NORTH

0 1000' 2000'

NEW LOCATION: X
DRILL DEEPER : _____
ABANDONMENT: _____

SURFACE LOCATION

KENTUCKY STATE PLANE COORDINATE SINGLE ZONE -- NAD 83	N: 3978082.86 E: 5779427.03
LATITUDE: <u>38.210508° N NAD 83</u>	
LONGITUDE: <u>82.762610° W NAD 83</u>	
KENTUCKY STATE PLANE COORDINATE NORTH ZONE -- NAD 27	N: 262153.41 E: 2427331.08
LATITUDE: <u>38.210424° N NAD 27</u>	
LONGITUDE: <u>82.762726° W NAD 27</u>	
CARTER COORDINATES UB1-11 2273-FNL 1132-FWL	

STATE OF KENTUCKY
J. BRYANT
ABT
4084
LICENSED
PROFESSIONAL
LAND SURVEYOR

STATE OF KENTUCKY
JEFFREY ALAN
TIBBITTS
22972
LICENSED
PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THE ABOVE PLAT IS ACCURATE AND CORRECT AND SATISFIES THE REQUIREMENTS OF 805 KAR 9:020 TO THE BEST OF MY KNOWLEDGE AND BELIEF.

J. BRYANT ABT
KENTUCKY P.L.S. #4084
abt@cesoinc.com

JEFFREY ALAN TIBBITTS
KENTUCKY P.E. #22972
jtibbitts@cesoinc.com



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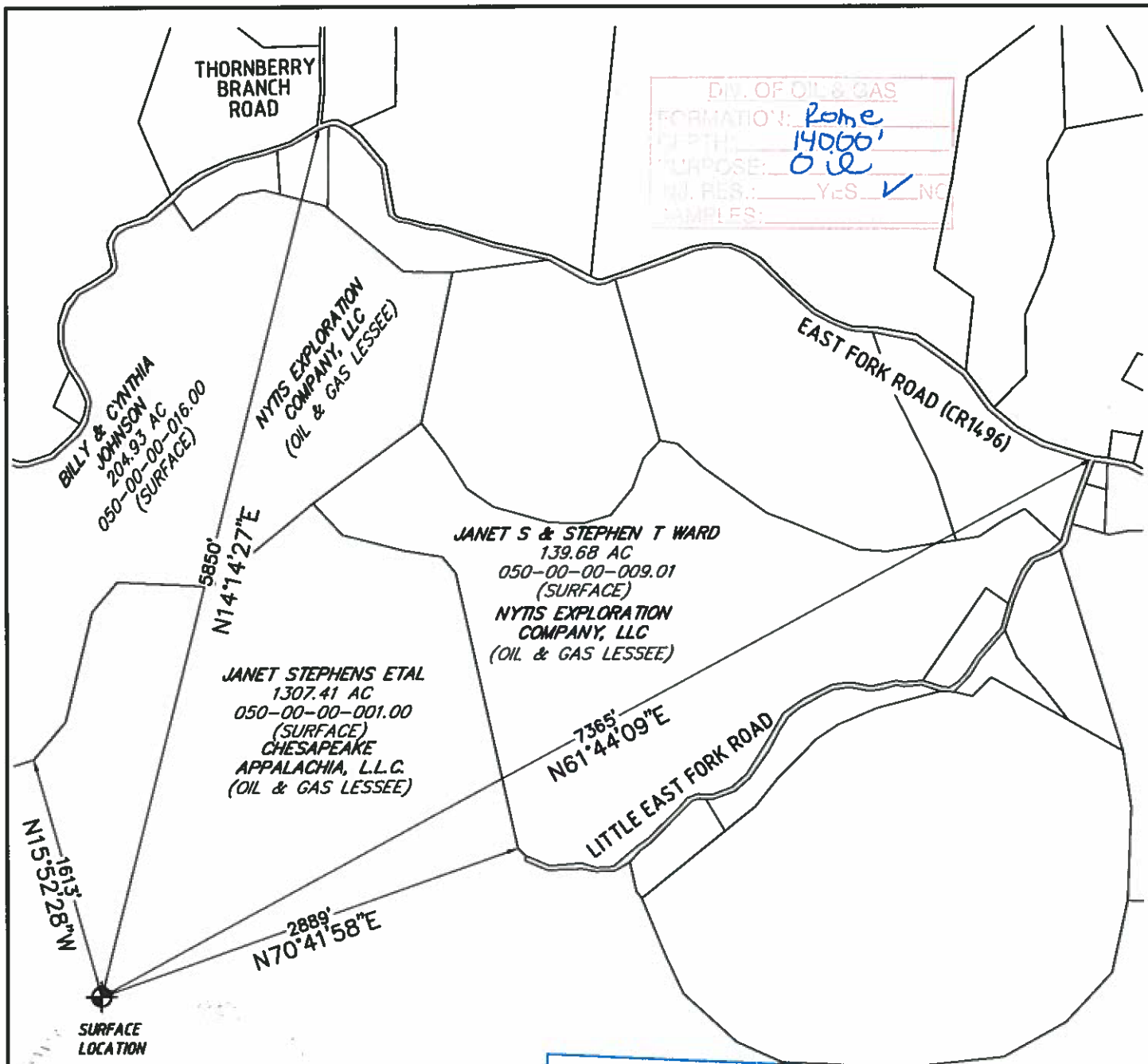
Engineering • Architecture • Survey • Construction Mgt • Environmental
804 YANKEE STREET, DAYTON, OH 45408 (937) 486-4000

COMPANY: CHESAPEAKE APPALACHIA, LLC
ADDRESS: P.O. BOX 18496
OKLAHOMA CITY, OK 73154-0496
OIL & GAS OWNER: JANET STEPHENS, ETAL
TRACT: N/A ACRES: 2255.55 LEASE NO.: 1232226
WELL (FARM) NO.: WARD 11-U-81 LAW 1
ELEVATION (G.P.S. NAVD88): 895.0'
QUADRANGLE: WEBBVILLE (1971)
COUNTY: LAWRENCE DISTRICT: _____
ENGINEER: JEFFREY ALAN TIBBITTS, P.E.
ENGINEER'S REGISTRATION NO.: 22972
JOB #: 750989 DRAWING NAME: 750989
DATE: 11/18/2014 SCALE: 1"=1000'

STATE OF KENTUCKY
DEPARTMENT OF MINES
OIL AND GAS DIVISION
FRANKFORT, KY

WELL LOCATION MAP
FILE NO. _____

DRAWN BY: DPB REVIEWED BY: JBA



DIV. OF OIL & GAS
 FORMATION: POME
 DEPTH: 14000'
 PURPOSE: OIL
 W. RES.: YES ☒ NO
 SAMPLES: _____

RECEIVED
 JUN 16 2015
 DIVISION OF OIL & GAS

NOTES:

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3. THIS EXHIBIT DOES NOT CONSTITUTE A BOUNDARY SURVEY PURSUANT TO 201 KAR 18.150

NORTH



NEW LOCATION: ☒
 DRILL DEEPER: _____
 ABANDONMENT: _____

SURFACE LOCATION

KENTUCKY STATE PLANE COORDINATE	N: 3978082.86'
SINGLE ZONE - NAD 83	E: 5779427.03'
LATITUDE: 38.210508° N NAD 83	
LONGITUDE: 82.762610° W NAD 83	
KENTUCKY STATE PLANE COORDINATE	N: 262153.41'
NORTH ZONE - NAD 27	E: 2427331.08'
LATITUDE: 38.210424° N NAD 27	
LONGITUDE: 82.762726° W NAD 27	
CARTER COORDINATES	
UB1-11 2273-FNL 1132-FWL	

STATE OF KENTUCKY

J. BRYANT
 ABT
 4084

LICENSED
 PROFESSIONAL
 LAND SURVEYOR

I HEREBY CERTIFY THAT THE ABOVE PLAT IS ACCURATE AND CORRECT AND SATISFIES THE REQUIREMENTS OF 805 KAR 9:020 TO THE BEST OF MY KNOWLEDGE AND BELIEF.

J. BRYANT ABT
 KENTUCKY P.L.S. #4084
 obt@cesoinc.com



AARON R. MATSON
 KENTUCKY P.E. #22444
 rmatson@cesoinc.com

COMPANY: CHESAPEAKE APPALACHIA, LLC
 ADDRESS: P.O. BOX 18498
OKLAHOMA CITY, OK 73154-0498
 OIL & GAS OWNER: JANET STEPHENS, ETAL
 TRACT: N/A ACRES: 2255.55 LEASE NO.: 1232226
 WELL (FARM) NO.: WARD 11-U-81 LAW 1
 ELEVATION (G.P.S. NAVD88): 895.0'
 QUADRANGLE: WEBBVILLE (1971)
 COUNTY: LAWRENCE DISTRICT: _____
 ENGINEER: AARON MATSON, P.E.
 ENGINEER'S REGISTRATION NO.: 22444
 JOB #: 750889 DRAWING NAME: 750889
 DATE: 08/12/2015 SCALE: 1"=1000'

DRAWN BY: DPB REVIEWED BY: JBA

STATE OF KENTUCKY
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 FRANKFORT, KY
 WELL LOCATION MAP
 FILE NO. _____



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