



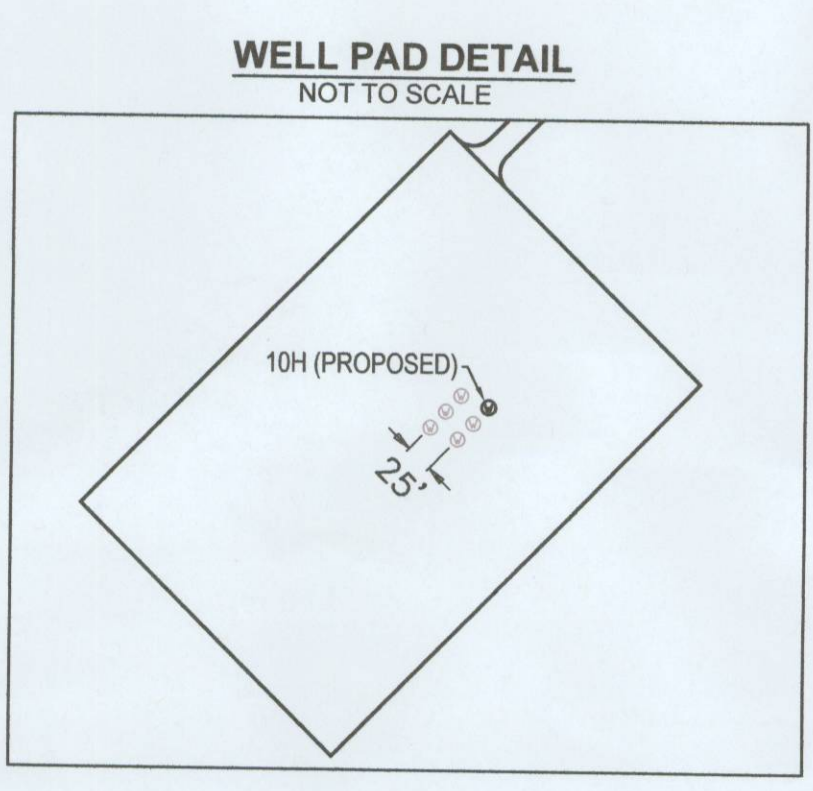
SITE DATA:

OPERATOR: CHESAPEAKE EXPLORATION, LLC
ADDRESS: PO BOX 18496 OKLAHOMA CITY, OK 73154-0496
SURFACE LOCATION:
LANDOWNER: N M HARRISON PROPERTIES, LLC.
OIL & GAS: N M HARRISON PROPERTIES, LLC.
COAL: N M HARRISON PROPERTIES, LLC.

LEASE NAME: **NM HARRISON 16-11-5**
WELL NUMBER: **10H**
ELEVATION (NAVD88): 1193.5' (PROPOSED PAD LEVEL)
1201.6' (EXISTING GRADE)

USGS QUAD: JEWETT

SUBDIVISION: NA
SECTION: 16
TOWN: 11
RANGE: 5
TOWNSHIP: ARCHER
COUNTY: HARRISON
STATE: OHIO



Surface: 1503' NL x 1060' WL of Sec. 16
Talle Pt: 1601' NL x 1827' WL of Sec. 16
Target: 777' NL x 785' EL of Sec. 15
481.21 AC. PWP/EOW/RT

SURFACE LOCATION:

OHIO STATE PLANE GRID NAD 83
N: 252613
E: 2375120
LATITUDE: 40.350697
LONGITUDE: -81.041096
OHIO STATE PLANE GRID NAD 27
N: 252583
E: 2406581
LATITUDE: 40.350631
LONGITUDE: -81.041277

PROPOSED LAST PERFORATION:

OHIO STATE PLANE GRID NAD 83
N: 252488
E: 2375882
LATITUDE: 40.350319
LONGITUDE: -81.038372
OHIO STATE PLANE GRID NAD 27
N: 252458
E: 2407343
LATITUDE: 40.350253
LONGITUDE: -81.038553

PROPOSED FIRST PERFORATION:

OHIO STATE PLANE GRID NAD 83
N: 248058
E: 2378439
LATITUDE: 40.338044
LONGITUDE: -81.029466
OHIO STATE PLANE GRID NAD 27
N: 248029
E: 2409900
LATITUDE: 40.337977
LONGITUDE: -81.029647

BOTTOM HOLE LOCATION:

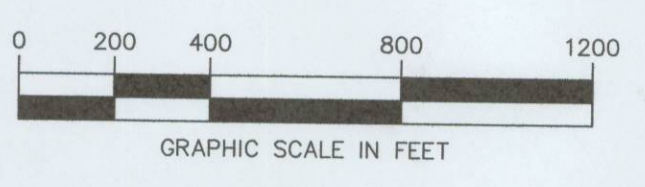
OHIO STATE PLANE GRID NAD 83
N: 247954
E: 2378499
LATITUDE: 40.337755
LONGITUDE: -81.029257
OHIO STATE PLANE GRID NAD 27
N: 247924
E: 2409960
LATITUDE: 40.337688
LONGITUDE: -81.029438



I HEREBY CERTIFY THAT THIS WELL PLAT WAS PREPARED IN ACCORDANCE WITH THE OHIO ADMISTRATIVE CODE (OAC 1501:9-1-02), OIL WELL DRILLING PERMIT.
David R. Barnhart Date 10/7/13
Professional Surveyor No. 7646

NOTES:

- PARCEL LINES FOR TAX PARCEL 01-0000272.001 IS BASED ON DEED PLOTS AND A COMBINATION OF BOUNDARY MONUMENTATION AND POSSESSION LINE EVIDENCE OBTAINED VIA AN ON THE GROUND FIELD SURVEY COMPLETED IN SEPTEMBER, 2012. ALL OTHER PARCEL LINES ARE BASED ON GIS DATA OBTAINED FROM THE HARRISON COUNTY, OHIO TAX ASSESSMENT OFFICE AND RELECT THE ACCURACY AND/OR INACCURACY OF SAID DATA.
- THE DRILLING UNIT BOUNDARY SHOWN IS INTENDED TO COMPLY WITH DIVISION OF OIL & GAS RESOURCES MANAGEMENT SURVEY PLAT REQUIREMENTS IN ORDER TO IDENTIFY THE SETBACK DISTANCE. THE UNIT BOUNDARY SHOWN IS NOT INTENDED TO INDICATE A UNIT FOR PRODUCTION PURPOSES.
- UNLESS OTHERWISE INDICATED, MINERAL RIGHTS FOR PROPERTIES THAT ARE CONTAINED WITHIN THE SETBACK DISTANCE BOUNDARIES ARE ASSUMED TO BE HELD IN FEE SIMPLE IN ORDER TO SATISFY DIVISION OF OIL & GAS RESOURCES MANAGEMENT REQUIREMENTS FOR THE WELL PERMIT APPLICATION AND SURVEY PLAT.
- THIS SURVEY WAS PERFORMED SOLELY TO LOCATE THE PROPOSED WELL WITH RESPECT TO EXISTING BOUNDARIES AND TO PROVIDE STATE PLANE COORDINATES.



LEGEND

- Existing Roadway
- Deed Line
- Township Line
- Existing Edge of Water

REVISIONS			
NO.	DATE	DESCRIPTION	BY

DAWOOD
ENGINEERS ► PLANNERS ► SURVEYORS
PITTSBURGH
11 Grandview Circle
Suite 116
Canonsburg, PA 15317
Voice: (724) 746-0730
Fax: (724) 746-0732

CHESAPEAKE EXPLORATION, LLC
PO BOX 18496
OKLAHOMA CITY, OK, 73154-0496

WELL SURVEY PLAT

DATE	10/07/2013	DRAWING TITLE	WELL PLAT
PROJECT NO	712018.11		
FILE NAME	SVP-PO-WP01		
DRAWN BY	BYR		
CHECKED BY	DRB		
SCALE	1" = 400'	SHEET NO.	1 OF 1

34-067-2-1133-00-00