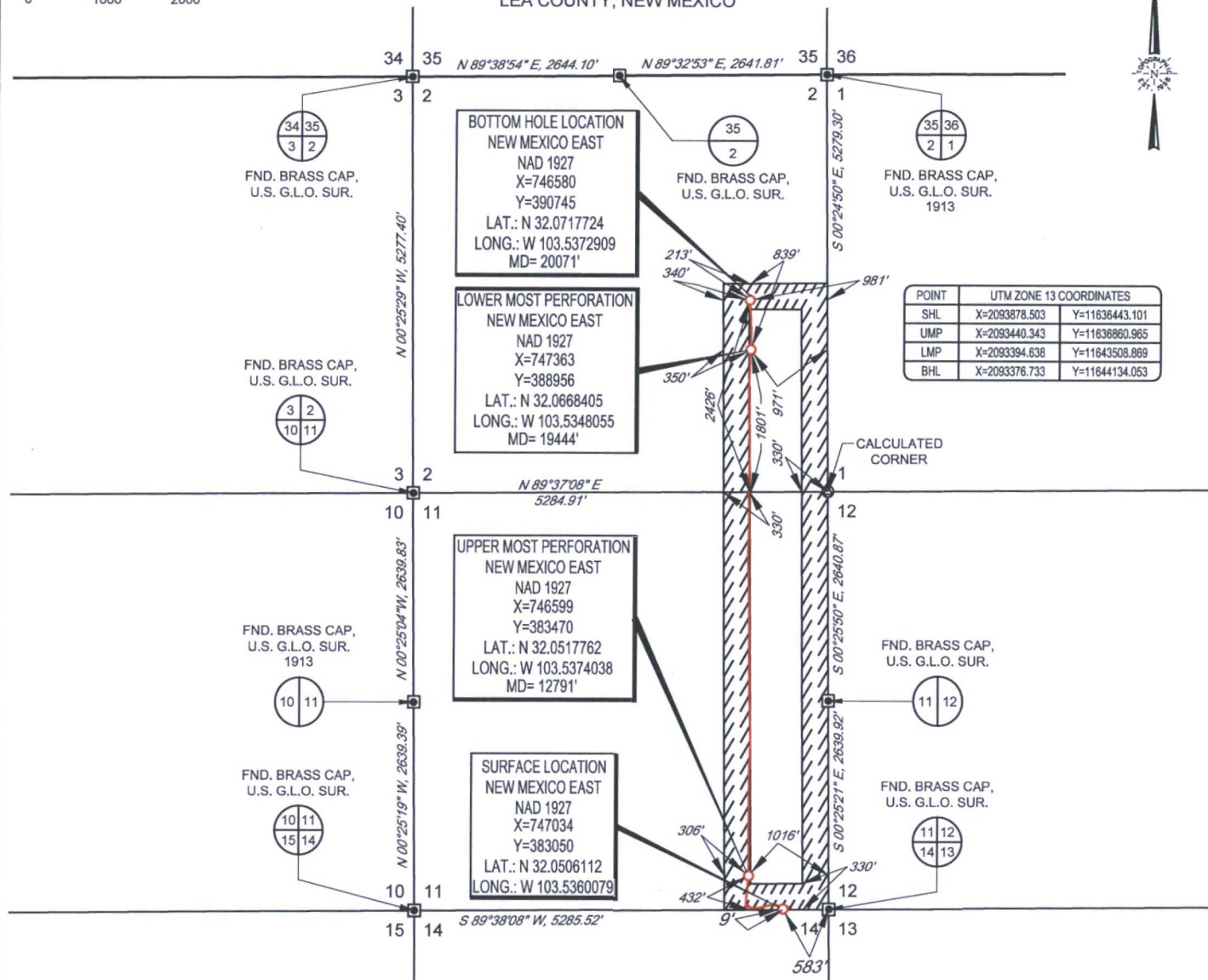


SCALE: 1" = 2000'
0' 1000' 2000'

SECTION 11, TOWNSHIP 26-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

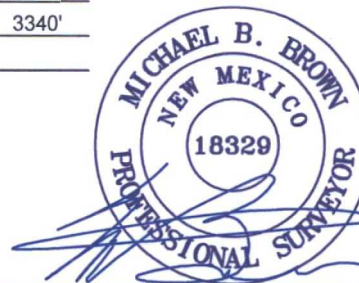


LEASE NAME & WELL NO.: WHIRLING WIND 11 FED COM #702H
SECTION 11 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3340'
DESCRIPTION 9' FNL & 583' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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Michael Blake Brown, P.S. No. 18329
FEBRUARY 1, 2017



WHIRLING WIND 11 FED COM #702H AS-COMPLETED	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1927. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY EOG RESOURCES, INC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
DATE: 02/01/17		
FILE: AD_WHIRLINGWIND11FEDCOM_702H		
DRAWN BY: A.C.C.		
SHEET: 1 OF 1		



EOG Resources - Midland
Project: Lufkin Wind Farm (NAD 27 NME)
Site: Whirling Wind 11 Fed Com #702H
Well: Whirling Wind 11 Fed Com #702H
Wellbore: API# 30-025-12634
Design: Actual Wellbore
Lat: 32° 3' 2.203 N
Long: 103° 32' 9.632 W
Pad GL: 3340.0
KB: KB = 25 @ 3365.0usft (H&P 260)



WELL DETAILS: Whirling Wind 11 Fed Com #702H

	+N/-S	+E/-W	North	East	Ground Level	Latitude	Longitude
0.0	0.0	0.0	33360.00	74704.00	3340.0	32° 3' 2.203 N	103° 32' 9.632 W

DESIGN TARGET DETAILS

Name	TYD	+N/-S	+E/-W	North	East
#702H PBL TRGT	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 6	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 5	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 4	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 3	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 2	12465.0	7876.0	-464.0	380726.00	748571.00
#702H TRGT 1	12465.0	7876.0	-464.0	380726.00	748571.00

ANNOTATIONS

TYD	MD	Inc	Adi	+N/-S	+E/-W	Vic/Departure	Annotation
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 1 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 2 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 3 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 4 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 5 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 6 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 7 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 8 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 9 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 10 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 11 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 12 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 13 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 14 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 15 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 16 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 17 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 18 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 19 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 20 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 21 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 22 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 23 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 24 ISSUED
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12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 99 ISSUED
12522.0	12889.0	89.10	358.50	431.7	-431.7	1773.1	TRGT 100 ISSUED

To convert a Magnetic Direction to a Grid Direction, Add 6.58°

T
G
M

A

A

A

True North: -0.42°

Magnetic North: 6.58°

Magnetic Field Strength: 47909.9nT

Dip Angle: 59.92°

Date: 10/9/2016

Model: IGRF2015

TIME / DATE / USER
7:25, November 13 2016
Thomas Jenczak

