

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NM 65441

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

HOBBS OCD

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

MAR 15 2013

2. Name of Operator
RMR Operating, LLC8. Well Name and No.
Madera 25 Federal #2H9. API Well No.
30-025-406333a. Address
2515 McKinney Avenue Suite 900
Dallas, Texas 752013b. Phone No. (include area code)
214-871-0400

10. Field and Pool or Exploratory Area

Jabalina SW WIC Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330' FNL & 2080' FEL, Sec. 25, T-26S, R-34E11. County or Parish, State
Lea County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Fracture Treat☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☒ Other extend lateral☐ Change Plans☐ Plug and Abandon☐ Temporarily AbandonIncrease well pad size☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Proposed Operations:

Extend the lateral to Section 34, new BHL will be 330' FSL & 2080' FEL of Sec. 36, T-26S, R-36E. Attached is the new survey plat and directional plan of the well.

We also proposed to increase the pad size to 400' x 375' (add 50', 50', 25' & 25' towards North, South, East and West respectively) to support additional required equipment to drill extended lateral. Upon completion of the well we will maintain our surface usage plan.

SUBJECT TO LIKE

APPROVAL BY STATE

*Will Require A Communitization Agreement**Original Drilling COA Still Applies**Operator shall place "Com" in well NAME*14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Tommy W. Folsom

Title Executive VP and Director of E&P

Signature

Date 02/27/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

SEPS

Date

3-14-13

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CFO

KSE

MAR 18 2013

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MAR 19 2013



Red Mountain Resources

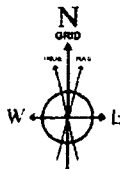
Location: Lea County, NM
Field: (Madera)
Facility: Madera 25 Federal No.2H

Slot: No.2H SHL
Well: No.2H
Wellbore: No.2H PWB

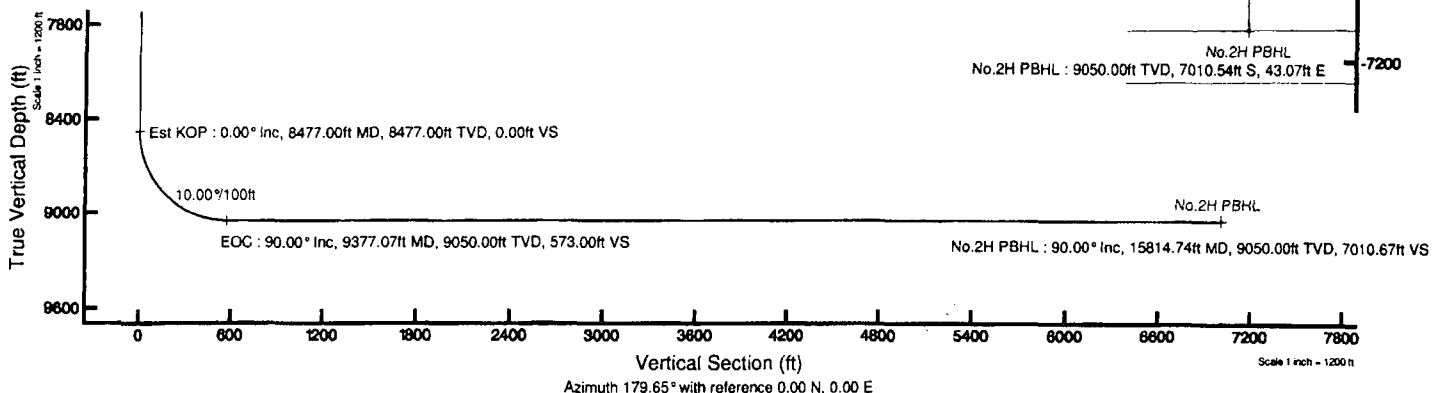
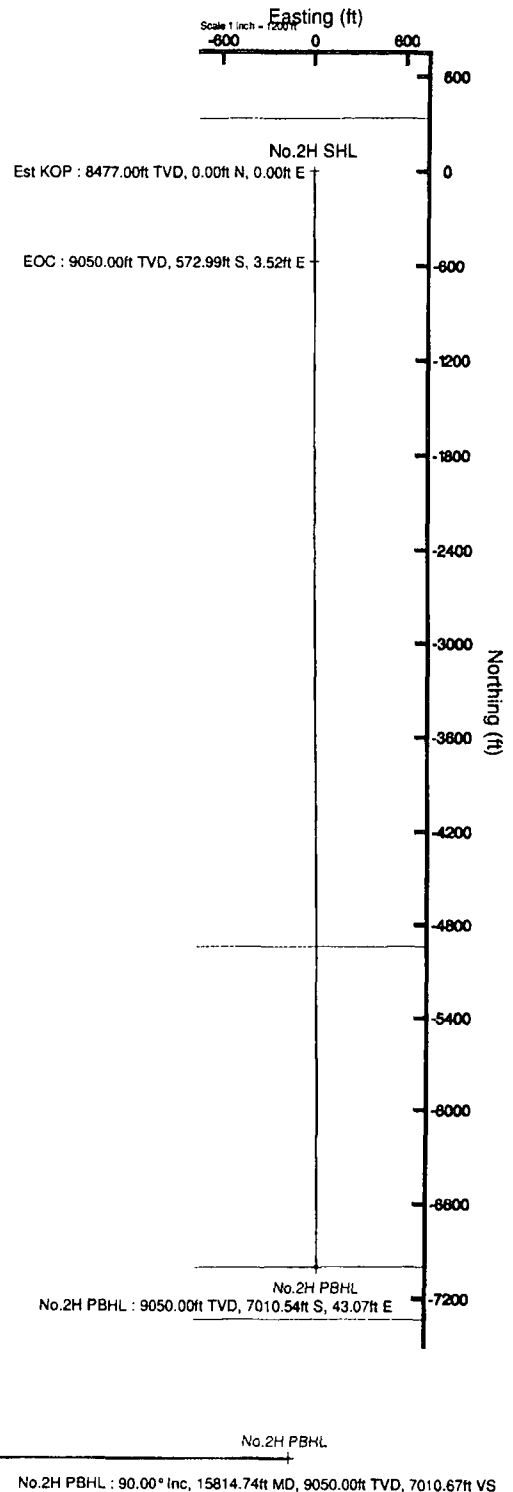


Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	VS (ft)
Tie On	23.00	0.000	179.648	23.00	0.00	0.00	0.00
Est KOP	8477.00	0.000	179.648	8477.00	0.00	0.00	0.00
EOC	9377.07	90.000	179.648	9050.00	-572.99	3.52	573.00
No.2H PBHL	15814.74	90.000	179.648	9050.00	-7010.54	43.07	7010.67

Plot reference wellpath is Rev-B.0	
True vertical depths are referenced to Rig on No.2H SHL (KB)	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet
Measured depths are referenced to Rig on No.2H SHL (KB)	North Reference: Grid north
Rig on No.2H SHL (KB) to Mean Sea Level: 3219.8 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: No.2H SHL): -3196.8 feet	Depths are in feet
Coordinates are in feet referenced to Facility Center	Created by: gembry on 02/21/2013



BGGM (1945.0 to 2014.0) Dip: 59.94° Field: 48323.2 nT
Magnetic North is 7.40 degrees East of True North (at 02/21/2013)
Grid North is 0.48 degrees East of True North
To correct azimuth from True to Grid subtract 0.48 degrees
To correct azimuth from Magnetic to Grid add 6.91 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 6.91 = 96.91





Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	Red Mountain Resources	Slot	No.2H SHL
Area	Lea County, NM	Well	No.2H
Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 3.0.0
North Reference	Grid	User	Gentbry
Scale	1	Report Generated	02/21/2013 at 3:48:53 PM
Convergence at slot	0.48° East	Database/Source file	WA Midland/No.2H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W
Facility Reference Pt			823834.56	372454.20	32°01'14.452"N	103°25'18.587"W
Field Reference Pt			823834.56	372454.20	32°01'14.452"N	103°25'18.587"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No.2H SHL (KB) to Facility Vertical Datum	23.00ft
Horizontal Reference Pt	Facility Center	Rig on No.2H SHL (KB) to Mean Sea Level	3219.80ft
Vertical Reference Pt	Rig on No.2H SHL (KB)	Rig on No.2H SHL (KB) to Mud Line at Slot (No.2H SHL)	23.00ft
MD Reference Pt	Rig on No.2H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	179.65°



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Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	179.648	0.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
23.00	0.000	179.648	23.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Tie On
123.00†	0.000	179.648	123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
223.00†	0.000	179.648	223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
323.00†	0.000	179.648	323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
423.00†	0.000	179.648	423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
523.00†	0.000	179.648	523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
623.00†	0.000	179.648	623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
723.00†	0.000	179.648	723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
823.00†	0.000	179.648	823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
923.00†	0.000	179.648	923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1023.00†	0.000	179.648	1023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1049.00†	0.000	179.648	1049.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Rustler
1123.00†	0.000	179.648	1123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1223.00†	0.000	179.648	1223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1323.00†	0.000	179.648	1323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1423.00†	0.000	179.648	1423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1523.00†	0.000	179.648	1523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1623.00†	0.000	179.648	1623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1723.00†	0.000	179.648	1723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1823.00†	0.000	179.648	1823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
1923.00†	0.000	179.648	1923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2023.00†	0.000	179.648	2023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2123.00†	0.000	179.648	2123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2223.00†	0.000	179.648	2223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2323.00†	0.000	179.648	2323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2423.00†	0.000	179.648	2423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2523.00†	0.000	179.648	2523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2623.00†	0.000	179.648	2623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2723.00†	0.000	179.648	2723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	



Planned Wellpath Report

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Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
2823.00†	0.000	179.648	2823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
2923.00†	0.000	179.648	2923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3023.00†	0.000	179.648	3023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3123.00†	0.000	179.648	3123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3223.00†	0.000	179.648	3223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3323.00†	0.000	179.648	3323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3423.00†	0.000	179.648	3423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3523.00†	0.000	179.648	3523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3623.00†	0.000	179.648	3623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3723.00†	0.000	179.648	3723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3823.00†	0.000	179.648	3823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
3923.00†	0.000	179.648	3923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4023.00†	0.000	179.648	4023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4123.00†	0.000	179.648	4123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4223.00†	0.000	179.648	4223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4323.00†	0.000	179.648	4323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4423.00†	0.000	179.648	4423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4523.00†	0.000	179.648	4523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4623.00†	0.000	179.648	4623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4723.00†	0.000	179.648	4723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4823.00†	0.000	179.648	4823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
4923.00†	0.000	179.648	4923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5023.00†	0.000	179.648	5023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5123.00†	0.000	179.648	5123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5223.00†	0.000	179.648	5223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5323.00†	0.000	179.648	5323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5351.00†	0.000	179.648	5351.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Lamar Lime
5395.00†	0.000	179.648	5395.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Delaware Sand
5423.00†	0.000	179.648	5423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5523.00†	0.000	179.648	5523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
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Area	Lea County, NM	Well	No.2H
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Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station.

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
5623.00†	0.000	179.648	5623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5723.00†	0.000	179.648	5723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5823.00†	0.000	179.648	5823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
5923.00†	0.000	179.648	5923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6023.00†	0.000	179.648	6023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6123.00†	0.000	179.648	6123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6223.00†	0.000	179.648	6223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6323.00†	0.000	179.648	6323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6423.00†	0.000	179.648	6423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6523.00†	0.000	179.648	6523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6618.00†	0.000	179.648	6618.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Cherry Canyon
6623.00†	0.000	179.648	6623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6723.00†	0.000	179.648	6723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6823.00†	0.000	179.648	6823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
6923.00†	0.000	179.648	6923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7023.00†	0.000	179.648	7023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7123.00†	0.000	179.648	7123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7223.00†	0.000	179.648	7223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7323.00†	0.000	179.648	7323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7423.00†	0.000	179.648	7423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7523.00†	0.000	179.648	7523.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7623.00†	0.000	179.648	7623.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7723.00†	0.000	179.648	7723.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7823.00†	0.000	179.648	7823.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
7831.00†	0.000	179.648	7831.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Rescue Canyon
7923.00†	0.000	179.648	7923.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
8023.00†	0.000	179.648	8023.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
8123.00†	0.000	179.648	8123.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
8223.00†	0.000	179.648	8223.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
8323.00†	0.000	179.648	8323.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Red Mountain Resources	Slot	No.2H SHL
Area	Lea County, NM	Well	No.2H
Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
8423.00†	0.000	179.648	8423.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	
8477.00	0.000	179.648	8477.00	0.00	0.00	0.00	823834.56	372454.20	32°01'14.452"N	103°25'18.587"W	0.00	Est KOP
8523.00†	4.600	179.648	8522.95	1.85	-1.85	0.01	823834.57	372452.35	32°01'14.434"N	103°25'18.587"W	10.00	
8623.00†	14.599	179.648	8621.43	18.50	-18.50	0.11	823834.67	372435.70	32°01'14.269"N	103°25'18.587"W	10.00	
8723.00†	24.598	179.648	8715.51	52.00	-52.00	0.32	823834.83	372402.20	32°01'13.937"N	103°25'18.589"W	10.00	
8763.83†	28.681	179.648	8752.00	70.30	-70.30	0.43	823834.99	372383.89	32°01'13.756"N	103°25'18.589"W	10.00	Brushy Canyon "B"
8823.00†	34.597	179.648	8802.35	101.33	-101.33	0.62	823835.18	372352.87	32°01'13.449"N	103°25'18.590"W	10.00	
8923.00†	44.597	179.648	8879.31	164.99	-164.98	1.01	823835.57	372289.21	32°01'12.819"N	103°25'18.591"W	10.00	
8951.35†	47.432	179.648	8899.00	185.39	-185.38	1.14	823835.70	372268.81	32°01'12.618"N	103°25'18.592"W	10.00	Brushy Canyon "C"
9023.00†	54.596	179.648	8944.04	241.04	-241.03	1.48	823836.04	372213.16	32°01'12.067"N	103°25'18.593"W	10.00	
9055.29†	57.825	179.648	8962.00	267.87	-267.87	1.65	823836.20	372186.33	32°01'11.801"N	103°25'18.594"W	10.00	Brushy Canyon "D"
9123.00†	64.595	179.648	8994.59	327.18	-327.17	2.01	823836.57	372127.02	32°01'11.214"N	103°25'18.596"W	10.00	
9223.00†	74.595	179.648	9029.41	420.78	-420.78	2.59	823837.14	372033.42	32°01'10.288"N	103°25'18.598"W	10.00	
9323.00†	84.594	179.648	9047.45	519.01	-519.00	3.19	823837.75	371935.19	32°01'09.316"N	103°25'18.601"W	10.00	
9377.07	90.000	179.648	9050.00	573.00	-572.90	3.52	823838.08	371881.21	32°01'08.780"N	103°25'18.602"W	10.00	BOC
9423.00†	90.000	179.648	9050.00	618.93	-618.92	3.80	823838.36	371835.27	32°01'08.327"N	103°25'18.603"W	0.00	
9523.00†	90.000	179.648	9050.00	718.93	-718.92	4.42	823838.97	371735.28	32°01'07.338"N	103°25'18.606"W	0.00	
9623.00†	90.000	179.648	9050.00	818.93	-818.92	5.03	823839.59	371635.28	32°01'06.348"N	103°25'18.609"W	0.00	
9723.00†	90.000	179.648	9050.00	918.93	-918.92	5.65	823840.20	371535.28	32°01'05.359"N	103°25'18.611"W	0.00	
9823.00†	90.000	179.648	9050.00	1018.93	-1018.91	6.26	823840.82	371435.28	32°01'04.369"N	103°25'18.614"W	0.00	
9923.00†	90.000	179.648	9050.00	1118.93	-1118.91	6.87	823841.43	371335.28	32°01'03.380"N	103°25'18.617"W	0.00	
10023.00†	90.000	179.648	9050.00	1218.93	-1218.91	7.49	823842.05	371235.29	32°01'02.390"N	103°25'18.619"W	0.00	
10123.00†	90.000	179.648	9050.00	1318.93	-1318.91	8.10	823842.66	371135.29	32°01'01.401"N	103°25'18.622"W	0.00	
10223.00†	90.000	179.648	9050.00	1418.93	-1418.91	8.72	823843.28	371035.29	32°01'00.411"N	103°25'18.625"W	0.00	
10323.00†	90.000	179.648	9050.00	1518.93	-1518.91	9.33	823843.89	370935.29	32°00'59.421"N	103°25'18.627"W	0.00	
10423.00†	90.000	179.648	9050.00	1618.93	-1618.90	9.95	823844.50	370835.29	32°00'58.432"N	103°25'18.630"W	0.00	
10523.00†	90.000	179.648	9050.00	1718.93	-1718.90	10.56	823845.12	370735.30	32°00'57.442"N	103°25'18.633"W	0.00	
10623.00†	90.000	179.648	9050.00	1818.93	-1818.90	11.17	823845.73	370635.30	32°00'56.453"N	103°25'18.635"W	0.00	
10723.00†	90.000	179.648	9050.00	1918.93	-1918.90	11.79	823846.35	370535.30	32°00'55.463"N	103°25'18.638"W	0.00	
10823.00†	90.000	179.648	9050.00	2018.93	-2018.90	12.40	823846.96	370435.30	32°00'54.474"N	103°25'18.641"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Red Mountain Resources	Slot	No.2H SHL
Area	Lea County, NM	Well	No.2H
Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10923.00†	90.000	179.648	9050.00	2118.93	-2118.89	13.02	823847.58	370335.30	32°00'53.484"N	103°25'18.643"W	0.00	
11023.00†	90.000	179.648	9050.00	2218.93	-2218.89	13.63	823848.19	370235.31	32°00'52.495"N	103°25'18.646"W	0.00	
11123.00†	90.000	179.648	9050.00	2318.93	-2318.89	14.25	823848.80	370135.31	32°00'51.505"N	103°25'18.649"W	0.00	
11223.00†	90.000	179.648	9050.00	2418.93	-2418.89	14.86	823849.42	370035.31	32°00'50.516"N	103°25'18.651"W	0.00	
11323.00†	90.000	179.648	9050.00	2518.93	-2518.89	15.48	823850.03	369935.31	32°00'49.526"N	103°25'18.654"W	0.00	
11423.00†	90.000	179.648	9050.00	2618.93	-2618.88	16.09	823850.65	369835.31	32°00'48.536"N	103°25'18.657"W	0.00	
11523.00†	90.000	179.648	9050.00	2718.93	-2718.88	16.70	823851.26	369735.32	32°00'47.547"N	103°25'18.659"W	0.00	
11623.00†	90.000	179.648	9050.00	2818.93	-2818.88	17.32	823851.88	369635.32	32°00'46.557"N	103°25'18.662"W	0.00	
11723.00†	90.000	179.648	9050.00	2918.93	-2918.88	17.93	823852.49	369535.32	32°00'45.568"N	103°25'18.665"W	0.00	
11823.00†	90.000	179.648	9050.00	3018.93	-3018.88	18.55	823853.10	369435.32	32°00'44.578"N	103°25'18.667"W	0.00	
11923.00†	90.000	179.648	9050.00	3118.93	-3118.87	19.16	823853.72	369335.33	32°00'43.589"N	103°25'18.670"W	0.00	
12023.00†	90.000	179.648	9050.00	3218.93	-3218.87	19.78	823854.33	369235.33	32°00'42.599"N	103°25'18.673"W	0.00	
12123.00†	90.000	179.648	9050.00	3318.93	-3318.87	20.39	823854.95	369135.33	32°00'41.610"N	103°25'18.675"W	0.00	
12223.00†	90.000	179.648	9050.00	3418.93	-3418.87	21.00	823855.56	369035.33	32°00'40.620"N	103°25'18.678"W	0.00	
12323.00†	90.000	179.648	9050.00	3518.93	-3518.87	21.62	823856.18	368935.33	32°00'39.631"N	103°25'18.681"W	0.00	
12423.00†	90.000	179.648	9050.00	3618.93	-3618.87	22.23	823856.79	368835.34	32°00'38.641"N	103°25'18.683"W	0.00	
12523.00†	90.000	179.648	9050.00	3718.93	-3718.86	22.85	823857.41	368735.34	32°00'37.651"N	103°25'18.686"W	0.00	
12623.00†	90.000	179.648	9050.00	3818.93	-3818.86	23.46	823858.02	368635.34	32°00'36.662"N	103°25'18.689"W	0.00	
12723.00†	90.000	179.648	9050.00	3918.93	-3918.86	24.08	823858.63	368535.34	32°00'35.672"N	103°25'18.691"W	0.00	
12823.00†	90.000	179.648	9050.00	4018.93	-4018.86	24.69	823859.25	368435.34	32°00'34.683"N	103°25'18.694"W	0.00	
12923.00†	90.000	179.648	9050.00	4118.93	-4118.86	25.30	823859.86	368335.35	32°00'33.693"N	103°25'18.697"W	0.00	
13023.00†	90.000	179.648	9050.00	4218.93	-4218.85	25.92	823860.48	368235.35	32°00'32.704"N	103°25'18.699"W	0.00	
13123.00†	90.000	179.648	9050.00	4318.93	-4318.85	26.53	823861.09	368135.35	32°00'31.714"N	103°25'18.702"W	0.00	
13223.00†	90.000	179.648	9050.00	4418.93	-4418.85	27.15	823861.71	368035.35	32°00'30.725"N	103°25'18.705"W	0.00	
13323.00†	90.000	179.648	9050.00	4518.93	-4518.85	27.76	823862.32	367935.35	32°00'29.735"N	103°25'18.708"W	0.00	
13423.00†	90.000	179.648	9050.00	4618.93	-4618.85	28.38	823862.93	367835.36	32°00'28.746"N	103°25'18.710"W	0.00	
13523.00†	90.000	179.648	9050.00	4718.93	-4718.84	28.99	823863.55	367735.36	32°00'27.756"N	103°25'18.713"W	0.00	
13623.00†	90.000	179.648	9050.00	4818.93	-4818.84	29.61	823864.16	367635.36	32°00'26.766"N	103°25'18.715"W	0.00	
13723.00†	90.000	179.648	9050.00	4918.93	-4918.84	30.22	823864.78	367535.36	32°00'25.777"N	103°25'18.718"W	0.00	
13823.00†	90.000	179.648	9050.00	5018.93	-5018.84	30.83	823865.39	367435.36	32°00'24.787"N	103°25'18.721"W	0.00	



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REFERENCE WELLPATH IDENTIFICATION

Operator	Red Mountain Resources	Slot	No.2H SHL
Area	Lea County, NM	Well	No.2H
Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

WELLPATH DATA (170 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Comments
13923.00†	90.000	179.648	9050.00	5118.93	-5118.84	31.45	823866.01	367335.37	32°00'23.798"N	103°25'18.723"W	0.00	
14023.00†	90.000	179.648	9050.00	5218.93	-5218.84	32.06	823866.62	367235.37	32°00'22.808"N	103°25'18.726"W	0.00	
14123.00†	90.000	179.648	9050.00	5318.93	-5318.83	32.68	823867.23	367135.37	32°00'21.819"N	103°25'18.728"W	0.00	
14223.00†	90.000	179.648	9050.00	5418.93	-5418.83	33.29	823867.85	367035.37	32°00'20.829"N	103°25'18.731"W	0.00	
14323.00†	90.000	179.648	9050.00	5518.93	-5518.83	33.91	823868.46	366935.37	32°00'19.840"N	103°25'18.734"W	0.00	
14423.00†	90.000	179.648	9050.00	5618.93	-5618.83	34.52	823869.08	366835.38	32°00'18.850"N	103°25'18.736"W	0.00	
14523.00†	90.000	179.648	9050.00	5718.93	-5718.83	35.13	823869.69	366735.38	32°00'17.861"N	103°25'18.739"W	0.00	
14623.00†	90.000	179.648	9050.00	5818.93	-5818.82	35.75	823870.31	366635.38	32°00'16.871"N	103°25'18.742"W	0.00	
14723.00†	90.000	179.648	9050.00	5918.93	-5918.82	36.36	823870.92	366535.38	32°00'15.881"N	103°25'18.744"W	0.00	
14823.00†	90.000	179.648	9050.00	6018.93	-6018.82	36.98	823871.54	366435.38	32°00'14.892"N	103°25'18.747"W	0.00	
14923.00†	90.000	179.648	9050.00	6118.93	-6118.82	37.59	823872.15	366335.39	32°00'13.902"N	103°25'18.750"W	0.00	
15023.00†	90.000	179.648	9050.00	6218.93	-6218.82	38.21	823872.76	366235.39	32°00'12.913"N	103°25'18.752"W	0.00	
15123.00†	90.000	179.648	9050.00	6318.93	-6318.81	38.82	823873.38	366135.39	32°00'11.923"N	103°25'18.755"W	0.00	
15223.00†	90.000	179.648	9050.00	6418.93	-6418.81	39.43	823873.99	366035.39	32°00'10.934"N	103°25'18.758"W	0.00	
15323.00†	90.000	179.648	9050.00	6518.93	-6518.81	40.05	823874.61	365935.39	32°00'09.944"N	103°25'18.760"W	0.00	
15423.00†	90.000	179.648	9050.00	6618.93	-6618.81	40.66	823875.22	365835.40	32°00'08.955"N	103°25'18.763"W	0.00	
15523.00†	90.000	179.648	9050.00	6718.93	-6718.81	41.28	823875.84	365735.40	32°00'07.965"N	103°25'18.766"W	0.00	
15623.00†	90.000	179.648	9050.00	6818.93	-6818.81	41.89	823876.45	365635.40	32°00'06.976"N	103°25'18.768"W	0.00	
15723.00†	90.000	179.648	9050.00	6918.93	-6918.80	42.51	823877.06	365535.40	32°00'05.986"N	103°25'18.771"W	0.00	
15814.74	90.000	179.648	9050.00	7010.67	-7010.54	43.07	823877.63	365443.66	32°00'05.078"N	103°25'18.773"W	0.00	No.2H PWB



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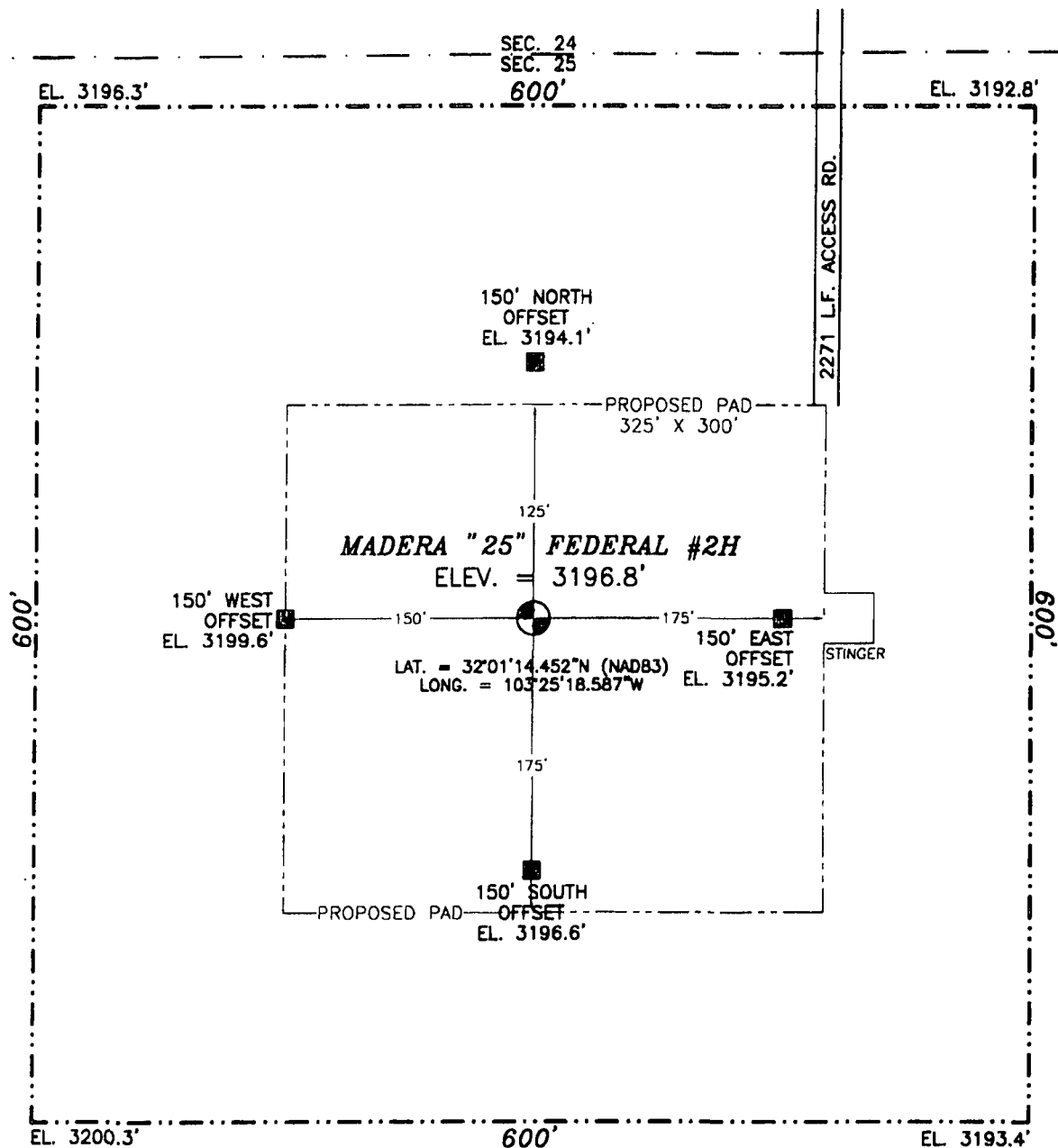


REFERENCE WELLPATH IDENTIFICATION			
Operator	Red Mountain Resources	Slot	No.2H SHL
Area	Lea County, NM	Well	No.2H
Field	(Madera)	Wellbore	No.2H PWB
Facility	Madera 25 Federal No.2H		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) No.2H PBHL	15814.74	9050.00	-7010.54	43.07	823877.63	365443.66	32°00'05.078"N	103°25'18.773"W	point

SURVEY PROGRAM - Ref Wellbore: No.2H PWB Ref Wellpath: Rev-B.0				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
23.00	15814.74	NaviTrak (Standard)		No.2H PWB

SECTION 25, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND STATE ROAD 205 (THIRD STREET) GO SOUTH ON SR 205 8.2 MILES TURN RIGHT ON CALICHE ROAD (BECHAM RD.) AND GO WEST 5.2 MILES TURN RIGHT AND GO NORTH THEN NW 4.3 MILES TURN LEFT AND GO SOUTH 0.4 MILES TURN RIGHT AND GO WEST 0.2 MILES AND FOLLOW PROPOSED ROAD SURVEY FLAGS WEST 1548' THEN SOUTH 723' TO THE NE COR. OF PROPOSED PAD FOR THIS LOCATION

RMR OPERATING, LLC
MADERA "25" FEDERAL #2H
LOCATED 330 FT. FROM THE NORTH LINE
AND 2080 FT. FROM THE EAST LINE OF
SECTION 25, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

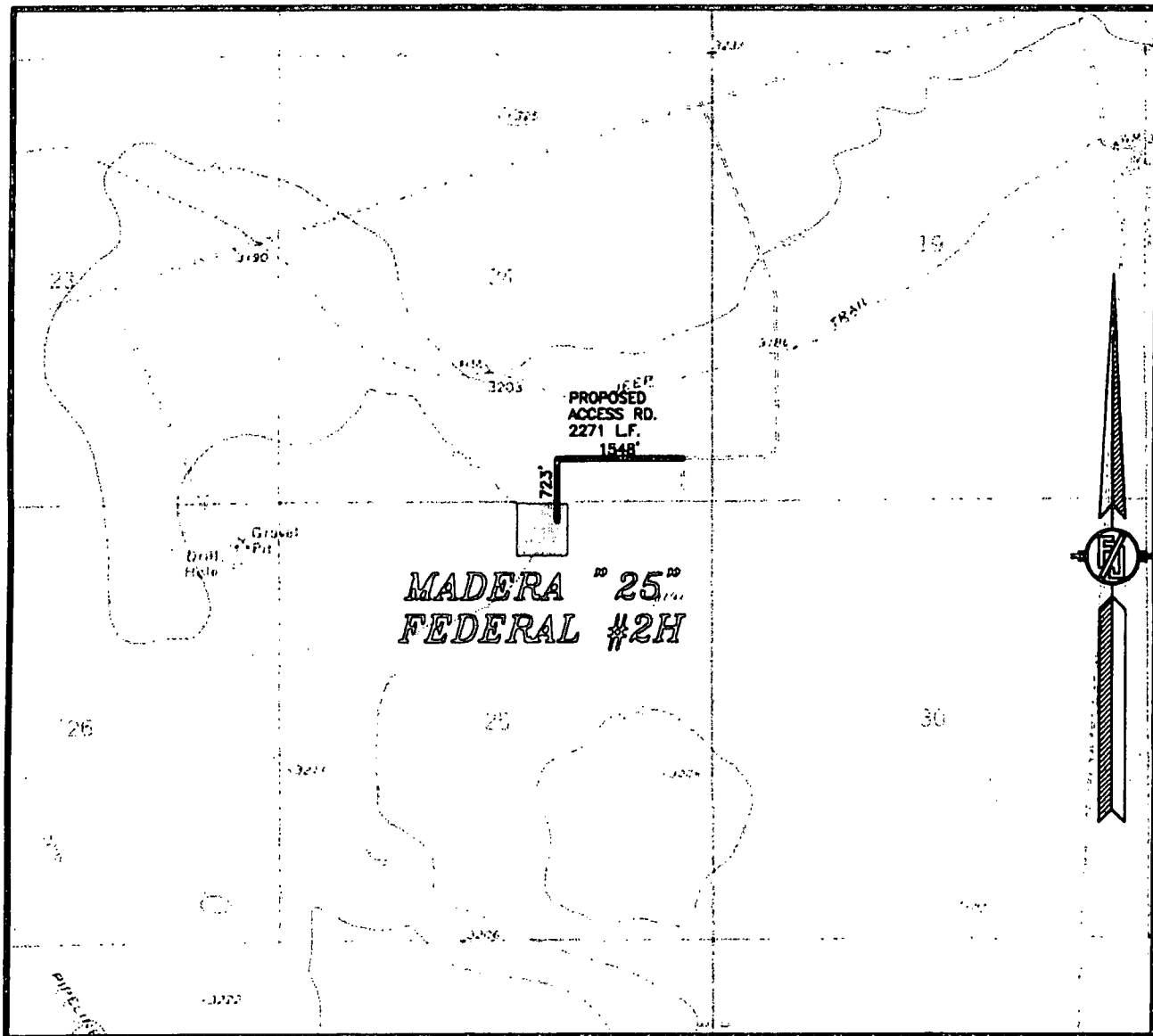
SURVEY NO. 869A

FEBRUARY 28, 2013

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 25, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
ANDREWS PLACE

NOT TO SCALE

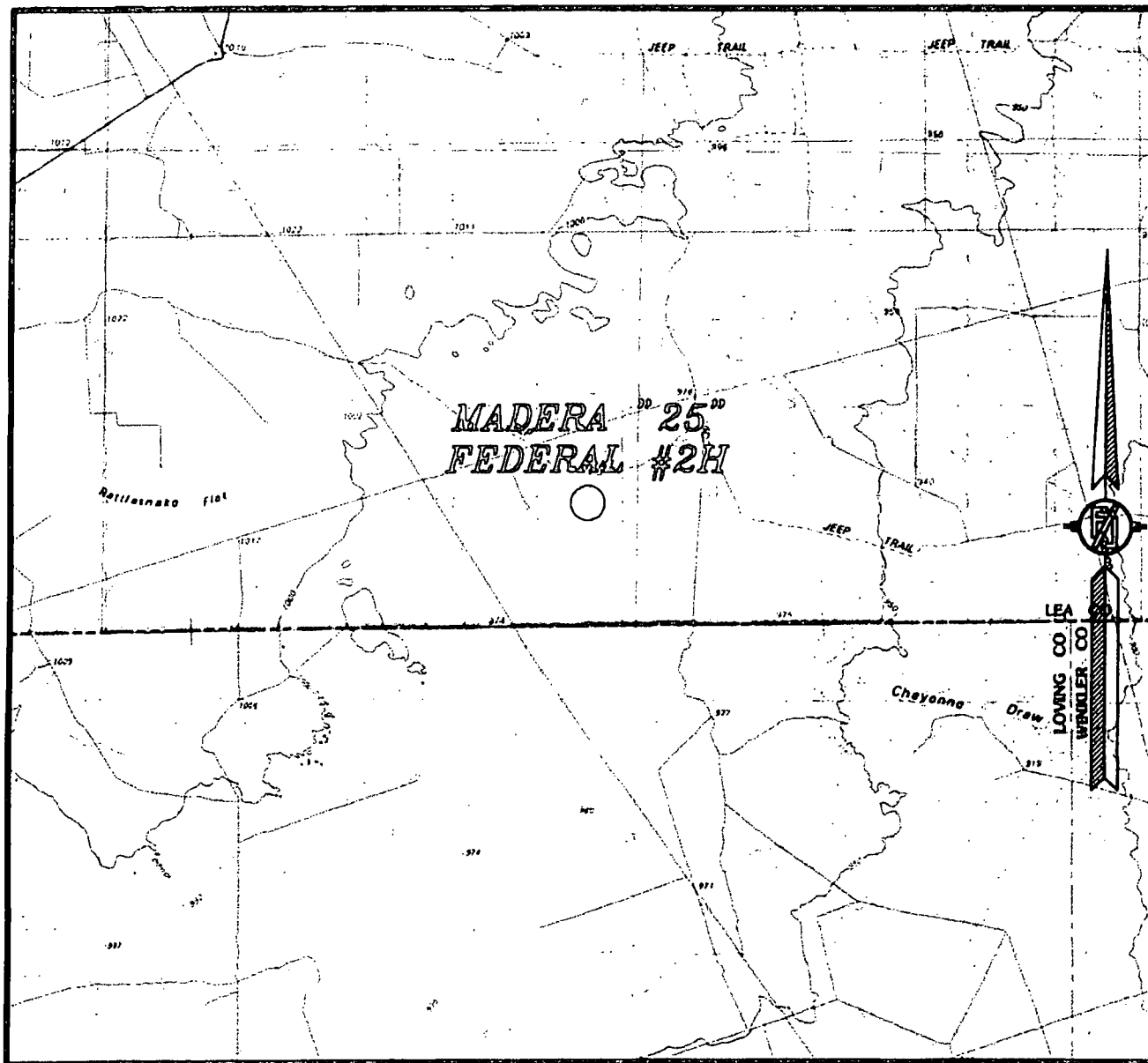
RMR OPERATING, LLC
MADERA "25" FEDERAL #2H
LOCATED 330 FT. FROM THE NORTH LINE
AND 2080 FT. FROM THE EAST LINE OF
SECTION 25, TOWNSHIP 26 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

FEBRUARY 28, 2013

SURVEY NO. 869A

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SECTION 25, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



NOT TO SCALE

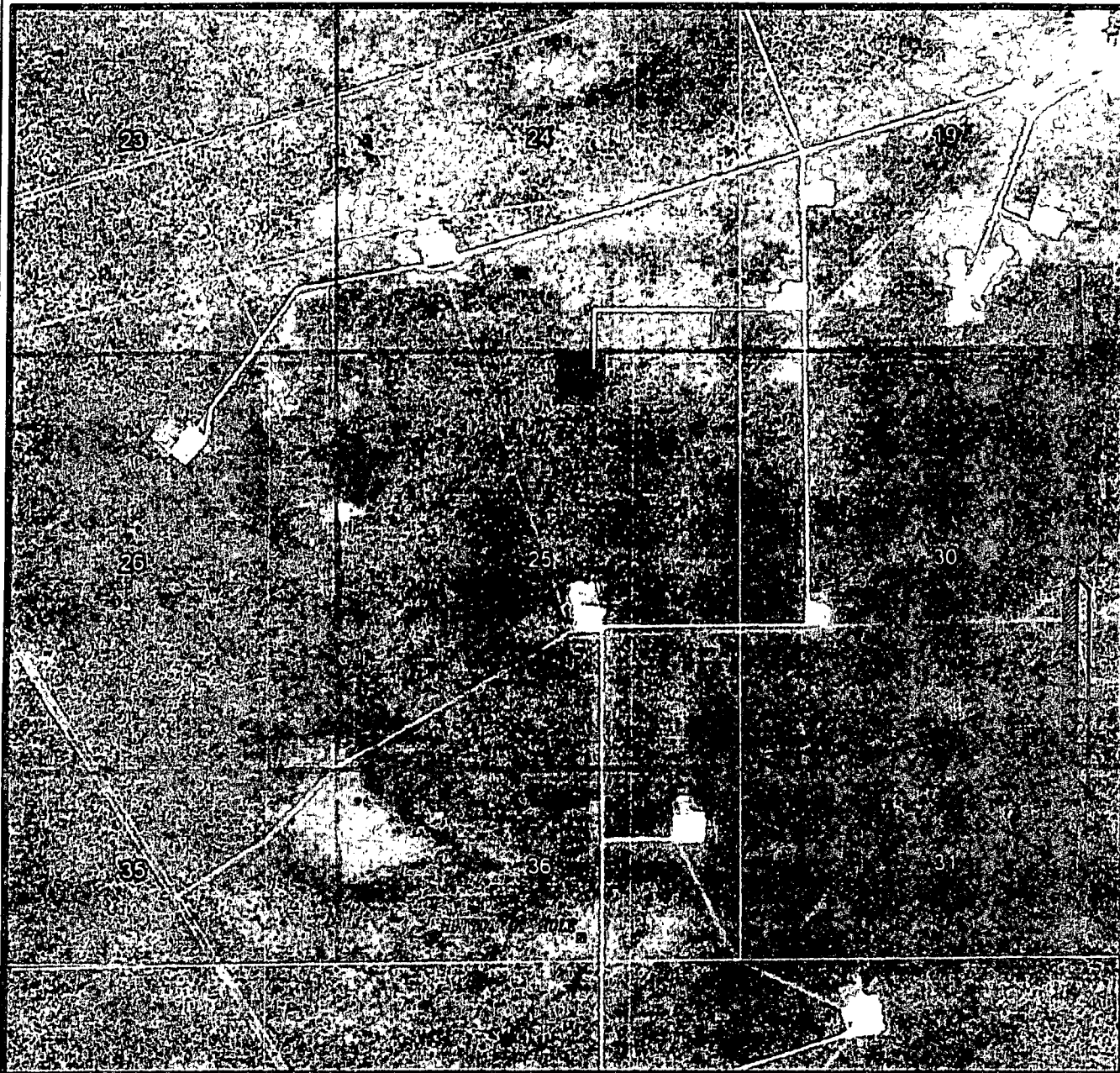
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SECTION 25, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
MAY 2011

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