

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 21 2017
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USA

NEW MEXICO

TREBUCHET FEE 23 28 19 (WXY3H,WA5H,TB6H,WXY10H)

TREBUCHET FEE 23 28 19 TB 6H

TREBUCHET FEE 23 28 19 TB 6H

30-015-44604

Plan: PRELIM A

Survey Report - Geographic

13 December, 2017

Marathon Oil

Survey Report - Geographic

Company:	USA	Local Co-ordinate Reference:	Well TREBUCHET FEE 23 28 19 TB 6H
Project:	NEW MEXICO	TVD Reference:	RKB @ 3113.5usft
Site:	TREBUCHET FEE 23 28 19 (WXY3H,WA5H,TB6H,WXY10H)	MD Reference:	RKB @ 3113.5usft
Well:	TREBUCHET FEE 23 28 19 TB 6H	North Reference:	Grid
Wellbore:	TREBUCHET FEE 23 28 19 TB 6H	Survey Calculation Method:	Minimum Curvature
Design:	PRELIM A	Database:	EDMPROD

Project:	NEW MEXICO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	TREBUCHET FEE 23 28 19 (WXY3H,WA5H,TB6H,WXY10H)		
Site Position:		Northing:	467,096.80 usft
From:	Map	Easting:	562,703.28 usft
Position Uncertainty:	3.3 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 17' 2.410 N
		Longitude:	104° 7' 49.561 W
		Grid Convergence:	0.11 °

Well:	TREBUCHET FEE 23 28 19 TB 6H, WELL 1 OF 4		
Well Position	+N/-S	0.0 usft	Northing: 467,096.80 usft
	+E/-W	0.0 usft	Easting: 562,703.28 usft
Position Uncertainty	1.1 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 17' 2.410 N
		Longitude:	104° 7' 49.561 W
		Ground Level:	3,087.0 usft

Wellbore:	TREBUCHET FEE 23 28 19 TB 6H		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	12/13/2017	7.16
			Dip Angle
			60.02
			Field Strength
			47,866

Design:	PRELIM A		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			359.95

Survey Tool Program	Date 12/13/2017		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
0.0	13,660.1	PRELIM A (TREBUCHET FEE 23 28 19 T	MWD
			Description
			OWSG MWD - Standard

Planned Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Map	Map		
Depth	(°)	(°)	Depth	(usft)	(usft)	Northing	Easting	Latitude	Longitude
(usft)			(usft)			(usft)	(usft)		
0.0	0.00	0.00	0.0	0.0	0.0	467,096.80	562,703.28	32° 17' 2.410 N	104° 7' 49.561 W
2,500.0	0.00	0.00	2,500.0	0.0	0.0	467,096.80	562,703.28	32° 17' 2.410 N	104° 7' 49.561 W
3,000.0	5.00	78.97	2,999.4	4.2	21.4	467,100.97	562,724.68	32° 17' 2.451 N	104° 7' 49.311 W
6,168.7	5.00	78.97	6,156.0	57.0	292.5	467,153.80	562,995.75	32° 17' 2.969 N	104° 7' 46.152 W
6,668.7	0.00	0.00	6,655.4	61.2	313.9	467,157.97	563,017.15	32° 17' 3.009 N	104° 7' 45.903 W
8,675.3	0.00	0.00	8,662.0	61.2	313.9	467,157.97	563,017.15	32° 17' 3.009 N	104° 7' 45.903 W
9,575.3	90.00	359.95	9,235.0	634.1	313.4	467,730.93	563,016.65	32° 17' 8.680 N	104° 7' 45.896 W
13,660.1	90.00	359.95	9,235.0	4,718.9	309.8	471,815.68	563,013.09	32° 17' 49.103 N	104° 7' 45.847 W

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Checked By: _____	Approved By: _____	Date: _____
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