

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 02 2018

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USA

NEW MEXICO

SWEET TEA STATE 24-29-31 (3H, 5H, 6H)

SWEET TEA STATE 24-29-31 TB 6H

SWEET TEA STATE 24-29-31 TB 6H

Plan: Preliminary A

Survey Report - Geographic

25 January, 2018

Marathon Oil

Survey Report - Geographic

Company:	USA	Local Co-ordinate Reference:	Well SWEET TEA STATE 24-29-31 TB 6H
Project:	NEW MEXICO	TVD Reference:	RKB @ 2946.0usft (594)
Site:	SWEET TEA STATE 24-29-31 (3H, 5H, 6H)	MD Reference:	RKB @ 2946.0usft (594)
Well:	SWEET TEA STATE 24-29-31 TB 6H	North Reference:	Grid
Wellbore:	SWEET TEA STATE 24-29-31 TB 6H	Survey Calculation Method:	Minimum Curvature
Design:	Preliminary A	Orthometric:	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:	SWEET TEA STATE 24-29-31 (3H, 5H, 6H)				
Site Position:		Northing:	426,778.18 usft	Latitude:	32° 10' 22.685 N
From:	Map	Easting:	593,667.02 usft	Longitude:	104° 1' 50.187 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.16 °

Well:	SWEET TEA STATE 24-29-31 TB 6H					
Well Position	+N/-S	0.0 usft	Northing:	426,778.18 usft	Latitude:	32° 10' 22.683 N
	+E/-W	0.0 usft	Easting:	593,717.02 usft	Longitude:	104° 1' 49.605 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	2,921.0 usft	

Wellbore:	SWEET TEA STATE 24-29-31 TB 6H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/24/2018	7.10	59.93	47,800

Design:	Preliminary A
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Audit Notes:	
Version:	Phase: PROTOTYPE Tie On Depth: 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	180.52

Survey Tool Program		Date: 1/25/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	16,916.7	Preliminary A (SWEET TEA STATE 24-29	MWD	OWSG MWD - Standard

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	426,778.18	593,717.02	32° 10' 22.683 N	104° 1' 49.605 W
3,000.0	0.00	0.00	3,000.0	0.0	0.0	426,778.18	593,717.02	32° 10' 22.683 N	104° 1' 49.605 W
3,666.7	5.00	336.53	3,665.8	26.7	-11.6	426,804.84	593,705.45	32° 10' 22.948 N	104° 1' 49.739 W
5,021.8	5.00	336.53	5,015.8	135.0	-58.6	426,913.18	593,658.41	32° 10' 24.021 N	104° 1' 50.283 W
5,521.8	0.00	0.00	5,515.2	155.0	-67.3	426,933.18	593,649.72	32° 10' 24.219 N	104° 1' 50.383 W
9,040.6	0.00	0.00	9,034.0	155.0	-67.3	426,933.18	593,649.72	32° 10' 24.219 N	104° 1' 50.383 W
9,940.6	90.00	180.00	9,607.0	-418.0	-67.3	426,360.22	593,649.72	32° 10' 18.549 N	104° 1' 50.402 W
16,916.7	90.00	180.00	9,607.0	-7,394.0	-67.3	419,384.18	593,649.72	32° 9' 9.512 N	104° 1' 50.630 W

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Checked By: _____	Approved By: _____	Date: _____
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